

z/OS Communications Server



# IP Messages: Volume 3 (EZY)

*Version 1 Release 9*



z/OS Communications Server



# IP Messages: Volume 3 (EZY)

*Version 1 Release 9*

**Note:**

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 589.

**Eighth Edition (September 2007)**

This edition applies to Version 1 Release 9 of z/OS (5694-A01) and to all subsequent releases and modifications until otherwise indicated in new editions.

IBM welcomes your comments. You may send your comments to the following address.

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Department AKCA, Building 501  
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Research Triangle Park, North Carolina 27709-2195

You can send us comments electronically by using one of the following methods:

**Fax (USA and Canada):**

1+919-254-1258

Send the fax to “Attn: z/OS Communications Server Information Development”

**Internet e-mail:**

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**World Wide Web:**

<http://www.ibm.com/servers/eserver/zseries/zos/webqs.html>

If you would like a reply, be sure to include your name, address, telephone number, or FAX number. Make sure to include the following in your comment or note:

- Title and order number of this document
- Page number or topic related to your comment

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## About this document

This document describes the Internet Protocol (IP) messages that occur in z/OS<sup>®</sup> Communications Server. The information in this document supports both IPv6 and IPv4. Unless explicitly noted, information describes IPv4 networking protocol. IPv6 support is qualified within the text.

For information about how to set up, initialize, and customize your Transmission Control Protocol/Internet Protocol (TCP/IP) services system, refer to the *z/OS Communications Server: IP Configuration Reference*, the *z/OS Communications Server: IP Configuration Guide* and the *z/OS Communications Server: IP Programmer's Guide and Reference*. For information about how to use the applications on your TCP/IP system, refer to *z/OS Communications Server: IP User's Guide and Commands*.

This document refers to Communications Server data sets by their default SMP/E distribution library name. Your installation might, however, have different names for these data sets where allowed by SMP/E, your installation personnel, or administration staff. For instance, this document refers to samples in SEZAINST library as simply in SEZAINST. Your installation might choose a data set name of SYS1.SEZAINST, CS390.SEZAINST or other high level qualifiers for the data set name.

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## Who should read this document

This document assists TCP/IP operators, system programmers, and users to:

- Analyze a problem
- Classify the problem as a specific type
- Describe the problem to the IBM<sup>®</sup> Software Support Center

Familiarity with TCP/IP concepts and terms is assumed.

---

## How this document is organized

The messages are listed in alphanumeric order by message ID. For each message ID, the book contains the text and a description of the message. This book contains the following chapters:

- Chapter 1, "EZY0xxxx messages," on page 1 contains messages in the EZY0xxxx range.
- Chapter 2, "EZY1xxxx messages," on page 61 contains messages in the EZY1xxxx range.
- Chapter 3, "EZY2xxxx messages," on page 143 contains messages in the EZY2xxxx range.
- Chapter 4, "EZY3xxxx messages," on page 189 contains messages in the EZY3xxxx range.
- Chapter 5, "EZY4xxxx messages," on page 217 contains messages in the EZY4xxxx range.
- Chapter 6, "EZY5xxxx messages," on page 273 contains messages in the EZY5xxxx range.
- Chapter 7, "EZY6xxxx messages," on page 275 contains messages in the EZY6xxxx range.

- Chapter 8, “EZYFxxxx messages,” on page 311 contains messages in the EZYFxxxx range.
- Chapter 9, “EZYFxxxx messages,” on page 361 contains messages in the EZYPxxxx range.
- Chapter 10, “EZYRxxxx messages,” on page 385 contains messages in the EZYRxxxx range.
- Chapter 11, “EZYTxxxx messages,” on page 419 contains messages in the EZYTxxxx range.
- Chapter 12, “EZYXxxxx messages,” on page 459 contains messages in the EZYXxxxx range.
- Appendix A, “Message ranges and the components that issue them,” on page 563 contains a list of all message ranges and components.
- “Related protocol specifications (RFCs)” lists the related protocol specifications for TCP/IP.
- “Information APARs and technotes” lists information APARs for IP and SNA documents.
- “Accessibility” describes accessibility features to help users with physical disabilities.
- “Notices” contains notices and trademarks used in this document.
- “Bibliography” contains descriptions of the documents in the z/OS Communications Server library.

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## How to use this document

To use this document, you should be familiar with z/OS TCP/IP Services and the TCP/IP suite of protocols.

### Determining whether a publication is current

As needed, IBM updates its publications with new and changed information. For a given publication, updates to the hardcopy and associated BookManager® softcopy are usually available at the same time. Sometimes, however, the updates to hardcopy and softcopy are available at different times. The following information describes how to determine if you are looking at the most current copy of a publication:

- At the end of a publication’s order number there is a dash followed by two digits, often referred to as the dash level. A publication with a higher dash level is more current than one with a lower dash level. For example, in the publication order number GC28-1747-07, the dash level 07 means that the publication is more current than previous levels, such as 05 or 04.
- If a hardcopy publication and a softcopy publication have the same dash level, it is possible that the softcopy publication is more current than the hardcopy publication. Check the dates shown in the Summary of Changes. The softcopy publication might have a more recently dated Summary of Changes than the hardcopy publication.
- To compare softcopy publications, you can check the last two characters of the publication’s file name (also called the book name). The higher the number, the more recent the publication. Also, next to the publication titles in the CD-ROM booklet and the readme files, there is an asterisk (\*) that indicates whether a publication is new or changed.



## How to contact IBM service

For immediate assistance, visit this Web site:

<http://www.software.ibm.com/network/commsserver/support/>

Most problems can be resolved at this Web site, where you can submit questions and problem reports electronically, as well as access a variety of diagnosis information.

For telephone assistance in problem diagnosis and resolution (in the United States or Puerto Rico), call the IBM Software Support Center anytime (1-800-IBM-SERV). You will receive a return call within 8 business hours (Monday – Friday, 8:00 a.m. – 5:00 p.m., local customer time).

Outside of the United States or Puerto Rico, contact your local IBM representative or your authorized IBM supplier.

If you would like to provide feedback on this publication, see “Communicating Your Comments to IBM” on page 603.

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## Conventions and terminology used in this document

Commands in this book that can be used in both TSO and z/OS UNIX<sup>®</sup> environments use the following conventions:

- When describing how to use the command in a TSO environment, the command is presented in uppercase (for example, NETSTAT).
- When describing how to use the command in a z/OS UNIX environment, the command is presented in bold lowercase (for example, **netstat**).
- When referring to the command in a general way in text, the command is presented with an initial capital letter (for example, Netstat).

All of the exit routines described in this document are *installation-wide exit routines*. You will see the installation-wide exit routines also called installation-wide exits, exit routines, and exits throughout this document.

The TPF logon manager, although shipped with VTAM<sup>®</sup>, is an application program. Therefore, the logon manager is documented separately from VTAM.

Samples used in this book might not be updated for each release. Evaluate a sample carefully before applying it to your system.

For definitions of the terms and abbreviations used in this document, you can view the latest IBM terminology at the IBM Terminology Web site.

## Clarification of notes

Information traditionally qualified as **Notes** is further qualified as follows:

**Note** Supplemental detail

**Tip** Offers shortcuts or alternative ways of performing an action; a hint

**Guideline**

Customary way to perform a procedure

**Rule** Something you must do; limitations on your actions

**Restriction**

Indicates certain conditions are not supported; limitations on a product or facility

**Requirement**

Dependencies, prerequisites

**Result** Indicates the outcome

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## Prerequisite and related information

z/OS Communications Server function is described in the z/OS Communications Server library. Descriptions of those documents are listed in “z/OS Communications Server information” on page 599, in the back of this document.

## Required information

Before using this product, you should be familiar with TCP/IP, VTAM, MVS™, and UNIX System Services.

## Related information

This section contains subsections on:

- “Softcopy information”
- “Other documents” on page ix
- “Redbooks” on page x
- “Where to find related information on the Internet” on page x
- “Using LookAt to look up message explanations” on page xii
- “Using IBM Health Checker for z/OS” on page xii

## Softcopy information

Softcopy publications are available in the following collections:

Titles	Order Number	Description
<i>z/OS V1R9 Collection</i>	SK3T-4269	This is the CD collection shipped with the z/OS product. It includes the libraries for z/OS V1R9, in both BookManager and PDF formats.
<i>z/OS Software Products Collection</i>	SK3T-4270	This CD includes, in both BookManager and PDF formats, the libraries of z/OS software products that run on z/OS but are not elements and features, as well as the <i>Getting Started with Parallel Sysplex</i> ® bookshelf.
<i>z/OS V1R9 and Software Products DVD Collection</i>	SK3T-4271	This collection includes the libraries of z/OS (the element and feature libraries) and the libraries for z/OS software products in both BookManager and PDF format. This collection combines SK3T-4269 and SK3T-4270.
<i>z/OS Licensed Product Library</i>	SK3T-4307	This CD includes the licensed documents in both BookManager and PDF format.

Titles	Order Number	Description
IBM System z Redbooks Collection	SK3T-7876	The Redbooks selected for this CD series are taken from the IBM Redbooks inventory of over 800 books. All the Redbooks that are of interest to the zSeries platform professional are identified by their authors and are included in this collection. The zSeries subject areas range from e-business application development and enablement to hardware, networking, Linux, solutions, security, parallel sysplex, and many others.

## Other documents

For information about z/OS products, refer to *z/OS Information Roadmap* (SA22-7500). The Roadmap describes what level of documents are supplied with each release of z/OS Communications Server, as well as describing each z/OS publication.

Relevant RFCs are listed in an appendix of the IP documents. Architectural specifications for the SNA protocol are listed in an appendix of the SNA documents.

The following table lists documents that might be helpful to readers.

Title	Number
<i>DNS and BIND</i> , Fourth Edition, O'Reilly and Associates, 2001	ISBN 0-596-00158-4
<i>Routing in the Internet</i> , Christian Huitema (Prentice Hall PTR, 1995)	ISBN 0-13-132192-7
<i>sendmail</i> , Bryan Costales and Eric Allman, O'Reilly and Associates, 2002	ISBN 1-56592-839-3
<i>SNA Formats</i>	GA27-3136
<i>TCP/IP Illustrated, Volume I: The Protocols</i> , W. Richard Stevens, Addison-Wesley Publishing, 1994	ISBN 0-201-63346-9
<i>TCP/IP Illustrated, Volume II: The Implementation</i> , Gary R. Wright and W. Richard Stevens, Addison-Wesley Publishing, 1995	ISBN 0-201-63354-X
<i>TCP/IP Illustrated, Volume III</i> , W. Richard Stevens, Addison-Wesley Publishing, 1995	ISBN 0-201-63495-3
<i>TCP/IP Tutorial and Technical Overview</i>	GG24-3376
<i>Understanding LDAP</i>	SG24-4986
<i>z/OS Cryptographic Service System Secure Sockets Layer Programming</i>	SC24-5901
<i>z/OS Integrated Security Services LDAP Client Programming</i>	SC24-5924
<i>z/OS Integrated Security Services LDAP Server Administration and Use</i>	SC24-5923
<i>z/OS JES2 Initialization and Tuning Guide</i>	SA22-7532
<i>z/OS Problem Management</i>	G325-2564
<i>z/OS MVS Diagnosis: Reference</i>	GA22-7588
<i>z/OS MVS Diagnosis: Tools and Service Aids</i>	GA22-7589
<i>z/OS MVS Using the Subsystem Interface</i>	SA22-7642
<i>z/OS Program Directory</i>	GI10-0670
<i>z/OS UNIX System Services Command Reference</i>	SA22-7802
<i>z/OS UNIX System Services Planning</i>	GA22-7800
<i>z/OS UNIX System Services Programming: Assembler Callable Services Reference</i>	SA22-7803

<b>Title</b>	<b>Number</b>
<i>z/OS UNIX System Services User's Guide</i>	SA22-7801
<i>z/OS XL C/C++ Run-Time Library Reference</i>	SA22-7821
<i>System z9 and zSeries OSA-Express Customer's Guide and Reference</i>	SA22-7935

## Redbooks

The following Redbooks™ might help you as you implement z/OS Communications Server.

<b>Title</b>	<b>Number</b>
<i>Communications Server for z/OS V1R8 TCP/IP Implementation, Volume 1: Base Functions, Connectivity, and Routing</i>	SG24-7339
<i>Communications Server for z/OS V1R8 TCP/IP Implementation, Volume 2: Standard Applications</i>	SG24-7340
<i>Communications Server for z/OS V1R8 TCP/IP Implementation, Volume 3: High Availability, Scalability, and Performance</i>	SG24-7341
<i>Communications Server for z/OS V1R8 TCP/IP Implementation, Volume 4: Policy-Based Network Security</i>	SG24-7342
<i>IBM Communication Controller Migration Guide</i>	SG24-6298
<i>IP Network Design Guide</i>	SG24-2580
<i>Managing OS/390® TCP/IP with SNMP</i>	SG24-5866
<i>Migrating Subarea Networks to an IP Infrastructure Using Enterprise Extender</i>	SG24-5957
<i>SecureWay Communications Server for OS/390 V2R8 TCP/IP: Guide to Enhancements</i>	SG24-5631
<i>SNA and TCP/IP Integration</i>	SG24-5291
<i>TCP/IP in a Sysplex</i>	SG24-5235
<i>TCP/IP Tutorial and Technical Overview</i>	GG24-3376
<i>Threadsafe Considerations for CICS</i>	SG24-6351

## Where to find related information on the Internet

### z/OS

This site provides information about z/OS Communications Server release availability, migration information, downloads, and links to information about z/OS technology

<http://www.ibm.com/servers/eserver/zseries/zos/>

### z/OS Internet Library

Use this site to view and download z/OS Communications Server documentation

<http://www.ibm.com/servers/eserver/zseries/zos/bkserv/>

### IBM Communications Server product

The primary home page for information about z/OS Communications Server

<http://www.software.ibm.com/network/commserver/>

### **IBM Communications Server product support**

Use this site to submit and track problems and search the z/OS Communications Server knowledge base for Technotes, FAQs, white papers, and other z/OS Communications Server information

<http://www.software.ibm.com/network/commsserver/support/>

### **IBM Systems Center publications**

Use this site to view and order Redbooks, Redpapers, and Technotes

<http://www.redbooks.ibm.com/>

### **IBM Systems Center flashes**

Search the Technical Sales Library for Techdocs (including Flashes, presentations, Technotes, FAQs, white papers, Customer Support Plans, and Skills Transfer information)

<http://www.ibm.com/support/techdocs/atmastr.nsf>

### **RFCs**

Search for and view Request for Comments documents in this section of the Internet Engineering Task Force Web site, with links to the RFC repository and the IETF Working Groups Web page

<http://www.ietf.org/rfc.html>

### **Internet drafts**

View Internet-Drafts, which are working documents of the Internet Engineering Task Force (IETF) and other groups, in this section of the Internet Engineering Task Force Web site

<http://www.ietf.org/ID.html>

Information about Web addresses can also be found in information APAR II11334.

**Note:** Any pointers in this publication to Web sites are provided for convenience only and do not in any manner serve as an endorsement of these Web sites.

## **DNS Web sites**

For more information about DNS, see the following USENET news groups and mailing addresses:

### **USENET news groups**

comp.protocols.dns.bind

### **BIND mailing lists**

<http://www.isc.org/ml-archives/>

#### **BIND Users**

- Subscribe by sending mail to [bind-users-request@isc.org](mailto:bind-users-request@isc.org).
- Submit questions or answers to this forum by sending mail to [bind-users@isc.org](mailto:bind-users@isc.org).

#### **BIND 9 Users (This list might not be maintained indefinitely.)**

- Subscribe by sending mail to [bind9-users-request@isc.org](mailto:bind9-users-request@isc.org).
- Submit questions or answers to this forum by sending mail to [bind9-users@isc.org](mailto:bind9-users@isc.org).

## Using LookAt to look up message explanations

LookAt is an online facility that lets you look up explanations for most of the IBM messages you encounter, as well as for some system abends and codes. Using LookAt to find information is faster than a conventional search because in most cases LookAt goes directly to the message explanation.

You can use LookAt from these locations to find IBM message explanations for z/OS elements and features, z/VM<sup>®</sup>, VSE/ESA<sup>™</sup>, and Clusters for AIX<sup>®</sup> and Linux<sup>™</sup>:

- The Internet. You can access IBM message explanations directly from the LookAt Web site at [www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/](http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/).
- Your z/OS TSO/E host system. You can install code on your z/OS systems to access IBM message explanations using LookAt from a TSO/E command line (for example: TSO/E prompt, ISPF, or z/OS UNIX System Services).
- Your Microsoft<sup>®</sup> Windows<sup>®</sup> workstation. You can install LookAt directly from the z/OS Collection (SK3T-4269) or the *z/OS and Software Products DVD Collection* (SK3T-4271) and use it from the resulting Windows graphical user interface (GUI). The command prompt (also known as the DOS > command line) version can still be used from the directory in which you install the Windows version of LookAt.
- Your wireless handheld device. You can use the LookAt Mobile Edition from [www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/lookatm.html](http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/lookatm.html) with a handheld device that has wireless access and an Internet browser (for example: Internet Explorer for Pocket PCs, Blazer or Eudora for Palm OS, or Opera for Linux handheld devices).

You can obtain code to install LookAt on your host system or Microsoft Windows workstation from:

- A CD-ROM in the z/OS Collection (SK3T-4269).
- The *z/OS and Software Products DVD Collection* (SK3T-4271).
- The LookAt Web site (click **Download** and then select the platform, release, collection, and location that suit your needs). More information is available in the LOOKAT.ME files available during the download process.

## Using IBM Health Checker for z/OS

IBM Health Checker for z/OS is a z/OS component that installations can use to gather information about their system environment and system parameters to help identify potential configuration problems before they impact availability or cause outages. Individual products, z/OS components, or ISV software can provide checks that take advantage of the IBM Health Checker for z/OS framework. This book might refer to checks or messages associated with this component.

For additional information about checks and about IBM Health Checker for z/OS, see *IBM Health Checker for z/OS: User's Guide*. Starting with z/OS V1R4, z/OS users can obtain the IBM Health Checker for z/OS from the z/OS Downloads page at <http://www.ibm.com/servers/eservers/zseries/zos/downloads/>.

SDSF also provides functions to simplify the management of checks. See *z/OS SDFS Operation and Customization* for additional information.

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## How to send your comments

Your feedback is important in helping to provide the most accurate and high-quality information. If you have any comments about this document or any other z/OS Communications Server documentation:

- Go to the z/OS contact page at:

<http://www.ibm.com/servers/eserver/zseries/zos/webqs.html>

There you will find the feedback page where you can enter and submit your comments.

- Send your comments by e-mail to [comsvrcf@us.ibm.com](mailto:comsvrcf@us.ibm.com). Be sure to include the name of the document, the part number of the document, the version of z/OS Communications Server, and, if applicable, the specific location of the text you are commenting on (for example, a section number, a page number or a table number).





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## Summary of changes

### Summary of changes for SC31-8785-07 z/OS Version 1 Release 9

This document contains information previously presented in SC31-8785-06, which supports z/OS Version 1 Release 8.

The information in this document includes descriptions of support for both IPv4 and IPv6 networking protocols. Unless explicitly noted, descriptions of IP protocol support concern IPv4. IPv6 support is qualified within the text.

This document has been enabled to use the LookAt message help tool.

#### New information

- EZY1291I
- EZY1363I
- EZY1365E
- EZY1367E —EZY1371E
- EZY1945I —EZY1946I
- EZYFS30W —EZYFS35I

#### Changed information

- EZY1342I

#### Deleted information

- The APPC Application Suite is removed from the z/OS V1R9 Communications Server product and therefore documentation describing APPC Application Suite support has been deleted.

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

You might notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

### Summary of changes for SC31-8785-06 z/OS Version 1 Release 8

This document contains information previously presented in SC31-8785-05, which supports z/OS Version 1 Release 7.

The information in this document includes descriptions of support for both IPv4 and IPv6 networking protocols. Unless explicitly noted, descriptions of IP protocol support concern IPv4. IPv6 support is qualified within the text.

This document has been enabled to use the LookAt message help tool.

The message format has been updated and new fields have been added. Most new messages contain the new information.

#### **New information**

- EZYFS24I

#### **Changed information**

- The message EZY1353E has been improved to provide more information.

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

You might notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

#### **Summary of changes for SC31-8785-05 z/OS Version 1 Release 7**

This document contains information previously presented in SC31-8785-04, which supports z/OS Version 1 Release 6.

The information in this document includes descriptions of support for both IPv4 and IPv6 networking protocols. Unless explicitly noted, descriptions of IP protocol support concern IPv4. IPv6 support is qualified within the text.

This document has been enabled to use the LookAt message help tool.

#### **New information**

- EZY1219E
- EZY1354I —EZY1362E
- EZY1364I
- EZY1366E
- EZYFS86I

#### **Changed information**

- EZY1224I

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

You might notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

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## Chapter 1. EZY0xxxx messages

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**EZY0002I** LINKNAME: *linkname* TRACE: *ON/OFF*

**Explanation:** This is the first message displayed when the PKTTRACE LIST command is issued. The link name is displayed, as well as the current trace level. If trace is ON, then the trace options listed are currently set and active. If trace is OFF, then the trace options displayed are currently set, but no tracing will occur for the link.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

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**EZY0003I** Current Trace Options:

**Explanation:** This message precedes the display of current trace options when the PKTTRACE LIST command is issued.

**System action:** Processing continues. The trace options and trace level for the link are unchanged.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

**EZY0004I** Protocol - ALL

**Explanation:** All protocols will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued.

**System action:** Processing continues. The trace options and trace level for the link are unchanged.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

**EZY0005I** Protocol - *protocol*

**Explanation:** A particular well-known protocol, ICMP, TCP, or UDP, will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

## EZY0006I • EZY0010I

---

### EZY0006I Protocol - *protocol\_number*

**Explanation:** A particular protocol number will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

### EZY0007I Src Port - ALL

**Explanation:** All source ports will be traced for TCP or UDP IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

### EZY0008I Src Port - *source port*

**Explanation:** A particular source port number will be traced for TCP or UDP IP packets passing through the link associated with this message. Packets that are not TCP or UDP will not be traced. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

### EZY0009I Dest Port - ALL

**Explanation:** All destination ports will be traced for TCP or UDP IP packets passing through the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

### EZY0010I Dest Port - *destination port*

**Explanation:** A particular destination port number will be traced for TCP or UDP IP packets passing through the link associated with this message. Packets that are not TCP or UDP IP will not be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

**EZY0011I**    **IP address** - *octet1.octet2.octet3.octet4*

**Explanation:** This message displays the IP address. This can be used in conjunction with the subnet address mask to determine if IP packets passing through the link associated with this message will be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

**EZY0012I**    **Abbrev Len** - *length*

**Explanation:** Abbreviated IP packets will be written to the trace storage device for IP packets that are traced on the link associated with this message. The length field indicates how many bytes of the IP packet will be written, starting from the beginning of the IP header. For an ABBREV length of 0, only the packet trace header will be written. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

**EZY0013I**    **Abbrev Len** - **FULL**

**Explanation:** Complete IP packets will be written to the trace storage device for IP packets that are traced on the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

**EZY0014I**    **Subnet mask** - *octet1.octet2.octet3.octet4*

**Explanation:** The subnet address mask that will be used with the IP address to determine if IP packets passing through the link associated with this message will be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

## EZY0015I • EZY0022W

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

### EZY0015I IP address - ALL

**Explanation:** All IP addresses will be traced for IP packets passing through the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PKTLIST

---

### EZY0016I Clearing pktrace options for linkname *linkname*

**Explanation:** The PKTTRACE CLEAR command has been issued for the link or links identified. Trace options for the link or links are set to default values and tracing is turned off.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** DOPKTTRC

---

### EZY0017I PKTTRACE command accepted.

**Explanation:** The PKTTRACE command has been parsed without error. Trace options specified in the PKTTRACE command have been set. This message is displayed when a PKTTRACE command has been issued.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

### EZY0022W Trace options with LIST/CLEAR ignored

**Explanation:** Trace options other than LINKNAME were specified in a PKTTRACE LIST or CLEAR command. The LIST or CLEAR command is executed; the other trace options are ignored.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE LIST or CLEAR command, specifying only the LINKNAME option, if required.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

---

**EZY0023W SRCPORT/DESTPORT specified, but protocol not UDP/TCP**

**Explanation:** The SRCPORT or DESTPORT trace option was specified in a PKTTRACE command, but the PROTOCOL trace option specified was not UDP or TCP. No IP packets will be traced for the specified link or links. The trace options are set as specified on the PKTTRACE command.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a protocol of UDP or TCP.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0024W Host identified by IP address ignored, SUBNET mask has been supplied.**

**Explanation:** The value provided with the SUBNET parameter is used to distinguish the network and host portions of an IP address. A SUBNET mask is used to trace all packets from a particular network, it is therefore not valid to set host bits in conjunction with the SUBNET parameter. This message is generated if an IP address is supplied that has a nonzero host address. The trace options are set as specified on the PKTTRACE command. The host component of the IP address is ignored.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, ensuring all the host address bits are specified as zero in the IP address supplied with the IP trace option.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0025W No IP address specified with SUBNET**

**Explanation:** The SUBNET trace option was specified in a PKTTRACE command, but no IP trace option was specified. The SUBNET and IP options are used in combination to determine if IP packets are to be traced. If no IP option is specified, then the default IP address mask, or that specified by a previous PKTTRACE command, will be used. The trace options are set as specified on the PKTTRACE command.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid IP address option with the SUBNET option.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0026W No options specified, no changes applied**

**Explanation:** No options were specified with the PKTTRACE command. No changes will be made to the trace options or trace level for any links.

**System action:** Processing continues.

**Operator response:** None. Use this command to re-enable packet trace for the driver, when GTRACE has failed writing to the trace storage device. Enable or re-enable GTRACE, and then enter the PKTTRACE command with no options. Any PKTTRACE command, including one with options, could be used in this situation.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

## EZY0032E • EZY0035E

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### EZY0032E Invalid option *option*.

**Explanation:** The specified text is not a valid option for the PKTTRACE command. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid option. The valid options are:

- ON
- OFF
- LIST
- CLEAR
- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- FULL
- ABBREV
- ABBREV=

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

### EZY0033E Option *option* duplicated

**Explanation:** Any PKTTRACE option can be specified only once in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying only one of each required option.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

### EZY0034E Specify one only of ON/OFF/LIST/CLEAR

**Explanation:** Only one of the PKTTRACE options ON, OFF, LIST, or CLEAR can be specified in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying only one of the options ON, OFF, LIST, or CLEAR.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

### EZY0035E Specify one only of FULL/ABBREV

**Explanation:** Only one of the PKTTRACE options FULL or ABBREV can be specified in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying either the FULL or ABBREV option.

**System programmer response:** None.



**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0036E Invalid character specified after keyword *option***

**Explanation:** A required option value delimiter has not been specified. The following PKTTRACE options all require an equal sign delimiter:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying the option correctly.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0037E Invalid IP address *address***

**Explanation:** The supplied IP address is not valid. The address must be specified in dotted decimal notation, with exactly four octets, for example, 193.9.34.8, or the address can be specified as a single asterisk (\*), to denote all IP addresses. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid IP address.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0038E No value after '=' for keyword *option***

**Explanation:** A required option value has not been specified. The following PKTTRACE options all require a value:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying the required value.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0039E** Undefined keyword only option *option*

**Explanation:** The specified text is not a valid keyword-only option for the PKTTRACE command. A keyword-only option has either no value, or a default value. Any single word delimited by spaces is considered a keyword-only option because keyword value options are immediately followed by an equals sign. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid option. The valid keyword-only options are:

- ON
- OFF
- LIST
- CLEAR
- FULL
- ABBREV

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0040E** Invalid protocol *protocol*

**Explanation:** The supplied protocol value is not valid. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid protocol value. Protocol values must be one of the following:

- A number from 0 to 255
- One of the labels ICMP, TCP, or UDP
- A single asterisk (\*) used to denote all protocols

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0041E** Invalid subnet address *address*

**Explanation:** The supplied subnet address is not valid. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid subnet address. The address must be specified in dotted decimal notation, with exactly 4 octets, for example, 193.9.34.8.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0042E** Invalid abbrev value *abbrev\_len*

**Explanation:** The supplied ABBREV value is not valid. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid ABBREV value. Valid values are integers in the range 0 to 65 535.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0043E Invalid source port** *port*

**Explanation:** The supplied source port is not valid. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid source port value. Valid values are integers in the range 0 to 65 535, or a single asterisk (\*) used to indicate all source ports.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0044E Invalid dest port** *port*

**Explanation:** The supplied destination port is not valid. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid destination port value. Valid values are integers in the range 0 to 65 535, or a single asterisk (\*) used to indicate all destination ports.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0045E Invalid linkname** *linkname*

**Explanation:** The LINKNAME value is too long. Valid link names must be no more than 8 characters. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid link name value.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0046E IP=\* invalid with SUBNET**

**Explanation:** The SUBNET trace option cannot be specified with IP=\*. An IP option of an asterisk (\*) generates an implied subnet address mask (SUBNET option) of 0.0.0.0. In other words, IP=\* is the equivalent of IP=0.0.0.0 SUBNET=0.0.0.0. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, and remove the SUBNET option, or specify an IP address other than \*.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0047E** Undefined linkname *linkname*

**Explanation:** The specified link name is not defined in the driver. The PKTTRACE LIST command can be used to display the defined link names for the driver. Note that SNALINK LU0 must have the IUCV connection open for the LINK before it is recognized. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a defined link name.

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0048E** Undefined keyword value option *option*

**Explanation:** The specified text is not a valid keyword value option for the PKTTRACE command. The command is ignored. No changes are made to any trace options.

**System action:** Processing continues.

**Operator response:** Reenter the PKTTRACE command, specifying a valid option. The valid keyword value options are:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

**System programmer response:** None.

**Module:** IUPKTTRC

**Procedure Name:** PARSEPKT

---

**EZY0052E** PKTCLEAR : Trace entry list is already clear

**Explanation:** The PKTCLEAR subroutine has been called to clear the linked list of trace entries, however the list contained no entries. The PKTCLEAR subroutine is called when the device driver is terminating due to a shutdown request. This is an internal error. This error will not cause system problems.

**System action:** The driver continues to shut down.

**Operator response:** Contact the system programmer.

**System programmer response:** Contact the IBM Software Support Center to report this internal error.

**Module:** IUPKTTRC

**Procedure Name:** PKTCLEAR

---

**EZY0053E** PKTCLEAR : FREEMAIN failed with return code *return\_code*

**Explanation:** The PKTCLEAR subroutine has been called to clear the linked list of trace entries. The FREEMAIN system macro used to free the virtual storage for each entry has failed with the specified return code. The PKTCLEAR subroutine is called when the device driver is terminating due to a shutdown request. This might be an internal error. This error will not cause system problems.

**System action:** The driver continues to shut down.

**Operator response:** Contact the system programmer.

**System programmer response:** Use the return code from the FREEMAIN macro to identify the problem. See *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN* for information about the FREEMAIN macro and

its return codes. If the error still occurs, contact the IBM Software Support Center for more information and to report this internal error.

**Module:** IUPKTTRC

**Procedure Name:** PKTCLEAR

---

**EZY0054E PKTLINK : GETMAIN failed with return code** *return\_code*

**Explanation:** The PKTLINK subroutine has been called to allocate an entry in the linked list of trace entries. The GETMAIN macro used to allocate the virtual storage for the entry has failed with the specified return code. The PKTLINK subroutine is called during device driver initialization. Packet tracing might be disabled for some or all links.

**System action:** Processing continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Define more virtual storage and try to restart the driver. Use the return code from the GETMAIN macro to identify the problem. See *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN* for information about the GETMAIN macro and its return codes. If the error still occurs, contact the IBM Software Support Center for more information.

**Module:** IUPKTTRC

**Procedure Name:** PKTLINK

---

**EZY0055E PKTLINK : Linkname** *linkname* **already in trace entry list**

**Explanation:** The PKTLINK subroutine has been called to allocate an entry in the linked list of trace entries. The link name specified in the subroutine call is already present in the list of trace entries. The PKTLINK subroutine is called during device driver initialization. This is an internal error. This error will not cause system problems. Packet tracing might be disabled for some or all links.

**System action:** Processing continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Contact the IBM Software Support Center to report this internal error.

**Module:** IUPKTTRC

**Procedure Name:** PKTLINK

---

**EZY0056E PKTTRACE : No linknames defined**

**Explanation:** The PKTTRACE subroutine has been called to determine if an IP packet should be traced, however the linked list of trace entries is empty. The list of trace entries should be initialized with an entry corresponding to each link that is defined for the device driver. This is an internal error. This error will not cause system problems. Packet tracing is disabled for all links.

**System action:** Processing continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Contact the IBM Software Support Center to report this internal error.

**Module:** IUPKTTRC

**Procedure Name:** PKTTRACE

---

**EZY0057E PKTTRACE : Packet length does not include IP or UDP/TCP headers**

**Explanation:** The PKTTRACE subroutine has been called to trace an IP packet that has been corrupted or truncated, removing headers that are required to determine if the packet is to be traced. The packet is not a valid IP packet. This could be a network problem or an internal error. This error will not cause system problems. The packet in error is not traced.

**System action:** Processing continues.

## EZY0058E • EZY0622E

**Operator response:** Contact the system programmer.

**System programmer response:** The formatted output that appears prior to this message indicates which connection the IP packet belongs to. Use PKTTRACE to determine if a network node is creating an IP packet that is not valid or if part of the network is damaging IP packets.

**Module:** IUPKTTRC

**Procedure Name:** PKTTRACE

---

### EZY0058E PKTTRACE : Linkname *linkname* not in trace entry list

**Explanation:** The PKTTRACE subroutine has been called to determine if an IP packet should be traced, however the link that the packet was sent to or received from is not in the linked list of trace entries. The list of trace entries should be initialized with an entry corresponding to each link that is defined for the device driver. This is an internal error. This error will not cause system problems. Packet tracing might be disabled for some or all links.

**System action:** Processing continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Contact the IBM Software Support Center to report this internal error.

**Module:** IUPKTTRC

**Procedure Name:** PKTTRACE

---

### EZY0620E Incorrect function code specified for EZAPPCF Routing: Major Key = *key* Minor Key = *key*

**Explanation:** The VSAM function request made to module EZAPPCF is not supported. The program returns an error code to the calling module.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Obtain a dump and contact the IBM Software Support Center.

**Module:** EZAPPCF

**Procedure Name:** ERR00001

---

### EZY0621E Storage Allocation Error in EZAPPCF Routing: Major Key = *key* Minor Key = *key*

**Explanation:** Insufficient virtual storage available for EZAPPCF processing.

**System action:** EZAPPCF ends abnormally.

**Operator response:** None.

**System programmer response:** Increase the region size of the address space.

**Module:** EZAPPCF

**Procedure Name:** ERR00002

---

### EZY0622E LOAD failure for EZAPPCA Routing: Major Key = *key* Minor Key = *key*

**Explanation:** Module EZAPPCA is unavailable.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure module EZAPPCA is available through LINKLIST or STEPLIB specifications.

**Module:** EZAPPCF

**Procedure Name:** ERR00003

---

---

**EZY0630E** Specified Routing not in Routing File Routing: Major Key = *key* Minor Key = *key*

**Explanation:** The routing specified does not exist in the routing file. The program returns an error code to the calling module.

**System action:** Processing continues.

**Operator response:** If the routing was generated by JES, check the class, destination, and forms specified on the JES DD statement. Unless modified by an exit, a JES routing takes the form DDDD0000CFFF000. The characters represent class, destination and forms as indicated in the following:

C Class

DDDD Destination

FFFF Forms

If the routing was generated by VTAM, check the LU name and LU type. Unless modified by an exit, a VTAM routing takes the form LUNAMExxxxxxxx. The LU name is represented in this form as follows:

LUNAMExx

The LU name.

xxxxxxxx

Any string, but it must be specified.

If the exit is a general routing exit, specific routing exit, or input record exit, modify the routing name.

**System programmer response:** If the exit was a general routing exit, specific routing exit, or input record exit, modify the routing name and check the logic of the exit for errors.

**Module:** EZAPPCFCF

**Procedure Name:** ERR01001

---

**EZY0631E** Error in General Routing Exit RC=xxxx. Routing: Major Key = *key* Minor Key = *key*

**Explanation:** The general routing exit returned an error condition indicator in register 15. Any return codes other than zero, one, or two indicate the exit did not complete successfully.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Determine the cause of the error condition indicated by the EZAPPGPR return code. If necessary, restart the capture point after correcting the error.

**Module:** EZAPPCFCF

**Procedure Name:** ERR01002

---

**EZY0632E** Error in Specific Routing Exit =xxxx. Routing: Major Key = *key* Minor Key = *key*

**Explanation:** The specific routing exit returned with a nonzero value xxxx in register 15.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Use the error code to determine the cause of the problem and correct it.

**Module:** EZAPPCFCF

**Procedure Name:** ERR01003

---

---

**EZY0633E**    **Number of routing records not equal to number of destinations Routing: Major Key = *key* Minor Key = *key***

**Explanation:** The number of routing records found for this key is not equal to the number of records specified in the type N record. The program returns an error code to the calling module.

**System action:** Processing continues.

**Operator response:** Correct the routing file.

**System programmer response:** None.

**Module:** EZAPPCFCF

**Procedure Name:** ERR01004

---

**EZY0634E**    **Specified Options not in Options File Routing: Major Key = *key* Minor Key = *key***

**Explanation:** The option specified does not exist in the options file. The program returns an error code to the calling module.

**System action:** Processing continues.

**Operator response:** Check the routing file entry for a correctly specified options entry.

**System programmer response:** If this is a general routing exit, specific routing exit, or input record exit, modify the routing name, and check the logic of the exit for errors.

**Module:** EZAPPCFCF

**Procedure Name:** ERR01005

---

**EZY0635E**    **VSAM Error on operation Return Code=*rc* Reason Code=*reason* DDNAME=*ddname***

**Explanation:** An error was encountered in a VSAM operation. The values specified in the message indicate the following:

*operation*

The operation that proved unsuccessful

*rc*

The return code

*reason*

The reason code

*ddname*

The ddname of the file

The program returns an error code to the calling module.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Refer to *z/OS DFSMS Macro Instructions for Data Sets* for an explanation of the reason and response codes.

**Module:** EZAPPCFCF

**Procedure Name:** VSMERR50

---

**EZY0636E**    **LINK Error on Specific Routing Exit.**

**Explanation:** The specific routing exit defined in this routing cannot be accessed. Routing: Major Key = *key* Minor Key = *key*. The program returns to the caller with an error code.

**System action:** Processing continues.

**Operator response:** Do the following:

- Note message CSV003I which gives the name of the module not found.
- Make sure the exit is correctly named in the routing file definition.
- Make sure the exit module exists in STEPLIB or JOBLIB or LPA data sets.



**System programmer response:** None.

**Module:** EZAPPFCE

**Procedure Name:** ERR01006

---

**EZY0651E Invalid function code passed to EZAPPFCE Routing: Major Key = *key* Minor Key = *key***

**Explanation:** EZAPPFCE was invoked with a function code that is not valid. EZAPPFCE returns a X'0001' return code to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If the user is invoking EZAPPFCE directly, check the invoking program for a valid function code. If EZAPPFCE is being invoked by either the NPF FSS writer or NPF VTAM capture point application, contact the IBM Software Support Center.

**Module:** EZAPPFCE

**Procedure Name:** ERR00001

---

**EZY0652E Storage allocation error in EZAPPFCE Routing: Major Key = *key* Minor Key = *key***

**Explanation:** An attempted GETMAIN in EZAPPFCE was unsuccessful. EZAPPFCE returns a X'0002' return code to the caller.

**System action:** Processing continues.

**Operator response:** Increase the virtual storage allocation for the address space and resubmit the job.

**System programmer response:** None.

**Module:** EZAPPFCE

**Procedure Name:** ERR00002

---

**EZY0653E Unable to load EZAPPFCE Routing: Major Key = *key* Minor Key = *key***

**Explanation:** The attempt to load module EZAPPFCE was unsuccessful. EZAPPFCE returns a X'0003' return code to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Check the libraries in the STEPLIB or JOBLIB DD statement to make sure one of them contains the EZAPPFCE load module.

**Module:** EZAPPFCE

**Procedure Name:** ERR00003

---

**EZY0654E Error loading input record exit Routing: Major Key = *key* Minor Key = *key***

**Explanation:** The options data specified an input record exit, but the attempt to load it was unsuccessful. EZAPPFCE returns a X'0004' return code to the caller.

**System action:** Processing continues.

**Operator response:**

1. Determine if the routing is correct.
2. Check the routing file entry for this routing. The options name specified must match an options file record.

**System programmer response:**

1. Check the JOBLIB and STEPLIB concatenations to make sure the exit module is available.
2. If any user exits modify the routing data area, check the logic of the user exits.

**Module:** EZAPPFCE

## EZY0655E • EZY0658E

Procedure Name: ERR00004

---

**EZY0655E** Unable to attach EZAPPLPR Routing: Major Key = *key* Minor Key = *key*

**Explanation:** The attempt by module EZAPPFM to ATTACH the EZAPPLPR subtask was unsuccessful. EZAPPFM returns a X'0005' return code to the caller.

**System action:** For the VTAM capture point, processing continues. For the JES capture point, the program ends abnormally.

**Operator response:** Notify the system programmer.

**System programmer response:**

1. Check the JOBLIB and STEPLIB concatenations to make sure that module EZAPPLPR is available.
2. Contact the IBM Software Support Center.

**Module:** EZAPPFM

---

**EZY0656E** Error on Dynamic Allocation of data file, RC=*return code*, S99RET=*code* DSname =*name*

**Explanation:** Attempts to allocate a print data file were unsuccessful. The dynamic allocation return code and reason code are displayed. If the failure occurred during SMS processing, the SMS reason code (S99ERSN) displays in place of the DYNALLOC reason code (S99ERROR).

**System action:** The dynamic allocation will be retried. If that attempt is also unsuccessful, an error condition will be returned to the capture point indicating a print dataset is not available.

**Operator response:** Check for related messages that indicate insufficient DASD space or insufficient virtual storage and correct the problem indicated.

**System programmer response:** Investigate the reason for any dynamic allocation return codes contained in the message. These return and reason codes are documented in *z/OS MVS Programming: Authorized Assembler Services Guide*.

**Module:** EZAPPFM

Procedure Name: ERR01001

---

**EZY0657E** OPEN failure on data file. DSname =*name*

**Explanation:** The print data file named could not be opened. EZAPPFM returns a X'1003' return code to the caller.

**System action:** Processing continues.

**Operator response:** Look for associated messages and correct the problems indicated.

**System programmer response:** None.

**Module:** EZAPPFM

Procedure Name: ERR01003

---

**EZY0658E** CLOSE failure on data file. DSname =*name*

**Explanation:** The print data file named could not be closed. EZAPPFM returns a X'2001' return code to the caller.

**System action:** Processing continues.

**Operator response:** Look for associated messages and correct the problems indicated.

**System programmer response:** None.

**Module:** EZAPPFM

Procedure Name: ERR02001

---

---

**EZY0659E** PUT failure on data file. DSname =*name*

**Explanation:** An error occurred on a PUT to the named file. EZAPPFM returns a X'3002' return code to the caller.

**System action:** Processing continues.

**Operator response:** Look for associated messages and correct the problems indicated.

**System programmer response:** None.

**Module:** EZAPPFM

**Procedure Name:** ERR03002

---

**EZY0660E** Error on input record exit Routing: Major Key = *key* Minor Key = *key*

**Explanation:** A user-provided input record exit returned a nonzero return code in Register 15. EZAPPFM returns a X'3003' return code to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Determine the problem with the input record exit and correct it.

**Module:** EZAPPFM

**Procedure Name:** ERR03003

---

**EZY0661E** Record length error Routing: Major Key = *key* Minor Key = *key*

**Explanation:** A record length less than 0 was specified. EZAPPFM returns a X'3004' return code to the caller.

**System action:** Processing continues.

**Operator response:** Determine the source of the incorrect record length and correct it.

**System programmer response:** None.

**Module:** EZAPPFM

**Procedure Name:** ERR03004

---

**EZY0662E** Data file open for SEND DSname =*name*

**Explanation:** EZAPPFM received a request to send the data set to LPR but it is still open. Data might be lost. EZAPPFM returns a X'4001' return code to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If this is a user-written invocation of EZAPPFM, make sure the CLOSE function was invoked prior to doing the SEND. If EZAPPFM is invoked by the NPF FSS writer or NPF VTAM capture point, notify the IBM Software Support Center.

**Module:** EZAPPFM

**Procedure Name:** ERR04001

---

**EZY0663E** Data file deallocation error DSname =*name*

**Explanation:** An error occurred when deallocating the named data set. EZAPPFM returns a X'4004' return code to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Notify the IBM Software Support Center.

**Module:** EZAPPFM

## EZY0664E • EZY0668E

Procedure Name: ERR04004

---

### EZY0664E Error on Queue record creation DSname =*name*

**Explanation:** An error occurred on the creation of the queue record associated with the named data set. EZAPPFMCM returns a X'4004' return code to the caller.

**System action:** Processing continues.

**Operator response:** Look for associated message EZY0635E to determine the cause of the problem.

**System programmer response:** None.

**Module:** EZAPPFMCM

Procedure Name: ERR04004

---

### EZY0665E Capture Point Initialization Failure

**Explanation:** A failure occurred at startup of the VTAM or JES capture points or during TCPIP initialization while processing in the capture points. The error is returned to the caller.

**System action:** The program ends abnormally.

**Operator response:** See the accompanying message to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZAPPFMCM

---

### EZY0666I File Management Initialization Completed

**Explanation:** Network Print Facility file management initialization is complete. All parameters specified were acceptable.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFMCM

---

### EZY0667I PRINT STARTUP USED DATASET *name*

**Explanation:** The startup process for Network Print Facility used the indicated data set as a source for one or more of the startup parameters.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFMCI

---

### EZY0668E INVALID HIGH LEVEL QUALIFIER

**Explanation:** The high-level qualifier for the data set name is not valid. The high-level qualifier contains one of these errors:

- The qualifier is longer than 26 characters.
- The qualifier starts or ends with a period.
- The qualifier has a node name longer than 8 characters.

**System action:** Processing continues.

**Operator response:** Enter a valid high-level qualifier for the data set name and reissue the request.

**System programmer response:** None.

Module: EZAPPFICI

**EZY0669E INVALID TCP/IP JOBNAME**

**Explanation:** The job name specified is not valid; it is longer than 8 characters.

**System action:** Processing continues.

**Operator response:** Enter a valid job name and reissue the request.

**System programmer response:** None.

Module: EZAPPFICI

**EZY0670E INVALID ALLOCATION PARAMETER**

**Explanation:** The allocation parameter specified is not valid. The allocation parameter contains one of these errors:

- The type is not CYL, TRK, or a number.
- The number specified for a block size is zero or negative.
- The primary allocation is not positive or not specified.
- The secondary allocation is negative or not specified.

**System action:** Processing continues.

**Operator response:** Make sure the allocation parameters are entered correctly and reissue the request.

**System programmer response:** None.

Module: EZAPPFICI

**EZY0671E INVALID THREAD SPECIFICATION, *n* WAS USED**

**Explanation:** The specified thread value was not valid. The thread value must be greater than, or equal to one and less than, or equal to eleven. The value in *n* will be used instead.

**System action:** Processing continues.

**Operator response:** Specify a valid thread value if the default value in *n* is not acceptable.

**System programmer response:** None.

Module: EZAPPFICI

**EZY0672E DEFAULT HIGH LEVEL QUALIFIER INVALID**

**Explanation:** The specified high-level qualifier in module CMMVSYs is longer than 26 characters.

**System action:** Processing continues.

**Operator response:** Make sure the high-level qualifier in CMMVSYs is not longer than 26 characters and reissue the request.

**System programmer response:** None.

Module: EZAPPFICI

**EZY0673E Insufficient space for data file.**

**Explanation:** Network Print Facility did not have enough space to create the data file. This results in Network Print Facility issuing an x37 abend and a 4005 return code.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Increase the space allocation parameter values used for startup.

Module: EZAPPFCM

## EZY0674E • EZY0679I

---

### EZY0674E PUT attempted on file which is not open

**Explanation:** The Network Print Facility has found an error attempting to write to the QSAM print file. A return code of x'3006' is passed back to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Look for associated messages and investigate the reason why the print file might not have been opened or allocated.

**Module:** EZAPPFM

---

### EZY0676I Startup value for dataset value

**Explanation:** This message displays the value passed to the JES writer on startup for datasets created by the JES writer.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFM

**Procedure Name:** main.

---

### EZY0677E Error on deletion of Active record

**Explanation:** An error was encountered while attempting to delete a record from the active file.

**System action:** Processing continues.

**Operator response:** This error will be accompanied by message EZY0635E. See that message for diagnosis information.

**System programmer response:** None.

**Module:** EZAPPFM

---

### EZY0678E NON-ZERO RETURN CODE xxxxxxxx FROM INITAPI CALL TO yyyyyyyy

**Explanation:** A failure occurred at startup of the VTAM or JES capture points, or during Queue Manager initialization while attempting to initialize the SOKETS interface to the TCPIP address space. The error code from the INITAPI call (xxxxxxx) and the TCPIP address space name used for the call (yyyyyyy) are displayed. The error is returned to the caller.

**System action:** The program ends abnormally.

**Operator response:** Ensure that the TCPIP address space is active prior to starting the VTAM or JES capture points or the Queue Manager. An error of 00010191 indicates that the TCPIP IUCV was not installed.

**System programmer response:** Ensure that the TCPIPJOBNAME value matches the job name of the currently active TCPIP address space. If no TCPIPJOBNAME statement is found in any of the parameter data sets, the default value of TCPIP is used. For information on the extended socket return codes xxxxxxxx, refer to *z/OS Communications Server: IP and SNA Codes*.

**Module:** EZAPPFM

---

### EZY0679I parameter Default value of yyyyyyyy used

**Explanation:** This message displays the default value yyyyyyyy used by the capture points or Queue manager on startup for the TCPIP global parameters. The parameter field will be either TCPIPJOBNAME or DATASETPREFIX.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFICI

---

#### EZY0680I Network Print Facility Recovery Started

**Explanation:** The active file contained at least one meaningful record. Each active file record that points to a closed temporary print data set will be copied into a queue file record and then deleted. All other active file records will be deleted, along with their corresponding temporary print data sets.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFCM

---

#### EZY0681I Network Print Facility Recovery Completed

**Explanation:** All records in the active file were processed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFCM

---

#### EZY0682E INVALID UNIT SPECIFICATION

**Explanation:** The UNIT name specified on the NPFUNIT statement is out of range. The range of valid UNIT values is from one to eight characters.

**System action:** The error is returned to the caller.

**Operator response:** Correct the NPFUNIT name statement in NPF.DATA. For further information about the UNIT parameter, see the *z/OS MVS JCL Reference*.

**System programmer response:** Ensure that the name specified on the NPFUNIT statement is a valid esoteric unit name, generic unit name, or unit address defined in the EDT for this system.

**Module:** EZAPPFICI

---

#### EZY0700E INSUFFICIENT DESTINATIONS FOR PREVIOUS ROUTING

**Explanation:** The previous EZAPPFL TYPE=ROUTING macro specified more than 1 destination but there are not enough EZAPPFL TYPE=NXTDEST macros to describe them.

**System action:** Macro generation stops.

**Operator response:** Either correct the number of destinations specified in the EZAPPFL TYPE=ROUTING macro or add EZAPPFL TYPE=NXTDEST macros.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .TYPE000

---

#### EZY0701E EXCESSIVE DESTINATIONS FOR PREVIOUS ROUTING

**Explanation:** An EZAPPFL TYPE=NXTDEST macro was encountered when it was not expected.

**System action:** Macro generation stops.

**Operator response:** Check the NDEST parameter of the previous EZAPPFL TYPE=ROUTING macro. Make sure that the number of destinations is equal to the number of EZAPPFL TYPE=NXTDEST macros following the EZAPPFL TYPE=ROUTING macro plus 1.

## **EZY0702S • EZY0706E**

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .TYPE000

---

### **EZY0702S NO TYPE SPECIFIED IN EZAPPFL MACRO**

**Explanation:** The EZAPPFL macro did not contain a recognizable TYPE parameter.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .TYPE010

---

### **EZY0703E NO MAJOR KEY SPECIFIED FOR ROUTING**

**Explanation:** The EZAPPFL TYPE=ROUTING macro did not contain a MAJKEY parameter. This parameter is mandatory.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT000

---

### **EZY0704E LENGTH OF MAJOR KEY GREATER THAN 8**

**Explanation:** The MAJKEY parameter of the EZAPPFL TYPE=ROUTING macro contained more than 8 characters. The maximum length for the MAJKEY is 8.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT005

---

### **EZY0705E NO MINOR KEY SPECIFIED FOR ROUTING**

**Explanation:** The EZAPPFL TYPE=ROUTING macro did not contain a MINKEY parameter. This parameter is mandatory.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT010

---

### **EZY0706E LENGTH OF MINOR KEY GREATER THAN 8**

**Explanation:** The MINKEY parameter of the EZAPPFL TYPE=ROUTING macro contained more than 8 characters. The maximum length for MINKEY is 8.

**System action:** Macro generation stops.



**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT015

**EZY0707E ROUTING KEY SEQUENCE ERROR PREVIOUS: MAJKEY=xxxxxxx MINKEY=yyyyyyy  
CURRENT: MAJKEY=wwwwwww MINKEY=zzzzzzz**

**Explanation:** The key specified in the current EZAPPFL TYPE=ROUTING is lower in collating sequence than the previous key. The routing macros must be in ascending order based on their MAJKEY and MINKEY parameter values.

**System action:** Macro generation stops.

**Operator response:** Rearrange and reissue the routing macros.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT020

**EZY0708I NUMBER OF DESTINATIONS NOT SPECIFIED, ASSUMED AS 1.**

**Explanation:** The NDEST parameter was not specified in the EZAPPFL TYPE=ROUTING macro. The macro assumes a value of 1.

**System action:** Macro generation continues.

**Operator response:** None, if 1 is the correct value. Otherwise, specify the NDEST parameter and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT030

**EZY0709E INVALID VALUE IN VTCLASS**

**Explanation:** The VTCLASS parameter in the EZAPPFL TYPE=ROUTING macro specified a class less than 1 or greater than 64.

**System action:** Macro generation stops.

**Operator response:** Correct the class and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT060

**EZY0710E OPTNAME PARAMETER REQUIRED FOR ROUTING**

**Explanation:** The OPTNAME parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT105

## EZY0711E • EZY0715E

---

### EZY0711E SREXIT NAME TOO LONG

**Explanation:** The SREXIT (specific routing exit) parameter in the EZAPPFL TYPE=ROUTING macro specified a name longer than 8 characters.

**System action:** Macro generation stops.

**Operator response:** Correct the SREXIT parameter and reissue the EZAPPFL TYPE=ROUTING macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT110

---

### EZY0712E INAME PARAMETER REQUIRED FOR ROUTING.

**Explanation:** The INAME (Internet name/address) parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT125

---

### EZY0713E PNAME PARAMETER REQUIRED FOR ROUTING.

**Explanation:** The PNAME (printer name) parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT125

---

### EZY0714E INAME PARAMETER REQUIRED FOR NXTDEST.

**Explanation:** The INAME (Internet name/address) parameter was not specified in the EZAPPFL TYPE=NXTDEST macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .NEXT010

---

### EZY0715E PNAME PARAMETER REQUIRED FOR NXTDEST.

**Explanation:** The PNAME (printer name) parameter was not specified in the EZAPPFL TYPE=NXTDEST macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

Procedure Name: .ROUT125

---

**EZY0716E OPTNAME PARAMETER REQUIRED FOR OPTIONS**

**Explanation:** The OPTNAME parameter was not specified in the EZAPPFL TYPE=OPTIONS macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

Procedure Name: .OPTN005

---

**EZY0717E IREXIT NAME TOO LONG**

**Explanation:** The IREXIT (input record exit name) parameter specified in the EZAPPFL TYPE=OPTIONS was longer than 8 characters.

**System action:** Macro generation stops.

**Operator response:** Correct the name and reissue the EZAPPFL TYPE=OPTIONS macro.

**System programmer response:** None.

**Module:** EZAPPFL

Procedure Name: .OPTN010

---

**EZY0718E OPTIONS KEY SEQUENCE ERROR PREVIOUS KEY=xxxxxxxxxxxxxxxxxxxxxxxxx CURRENT  
KEY=yyyyyyyyyyyyyyyyyyyyyyyyyyyyyy**

**Explanation:** The Network Print Facility file load program has determined that the key specified in the current EZAPPFL TYPE=OPTIONS macro is lower in collating sequence than the key for the previous option name. The options macros must be specified in ascending order based on their OPTNAME parameter value.

**System action:** Macro generation stops.

**Operator response:** Rearrange the EZAPPFL TYPE=OPTIONS macros in ascending order by OPTNAME and resubmit the job.

**System programmer response:** None.

**Module:** EZAPPFL

Procedure Name: .OPTN025

---

**EZY0719E VSAM ERROR MACRO=*macro* FILE=*file* RETURN=*rc* REASON=*reason* -MAJKEY:*majkey*  
-MINKEY:*minkey* or -OPTNAME:*optname***

**Explanation:** The Network Print Facility or one of the CICS® Sockets file load programs has received a nonzero return code from VSAM services. The VSAM return and reason codes are displayed in the message following the failing VSAM macro (*macro*=OPEN, PUT, or CLOSE) and file type (*file*=ROUTING, OPTIONS, or QUEUE).

For VSAM PUTs, the error message will also include the key values, either *majkey* and *minkey* for the routine file or *optname* for the options file.

**System action:** Macro generation stops.

**Operator response:** Correct the error and resubmit the job.

**System programmer response:** Investigate the reason for the nonzero VSAM return codes displayed in the error message. These return and reason codes are documented in *z/OS DFSMS Macro Instructions for Data Sets*.

**Module:** EZAPPFL, EZACICD, EZACICR

Procedure Name: n/a

## EZY0720S • EZY0730E

---

### EZY0720S OPTIONS ENTRY PRECEEDS ROUTING ENTRY

**Explanation:** AN EZAPPFL TYPE=OPTIONS macro was encountered prior to an EZAPPFL TYPE=ROUTING macro. All routing entries must precede the first options entry.

**System action:** Macro generation stops.

**Operator response:** Correct the sequence of the macros and reissue them.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .ROUT001

---

### EZY0721W NDEST EXCEEDS 32767

**Explanation:** The number of destinations specified exceeds the maximum value of 32767. The value is replaced with 32767.

**System action:** Processing continues.

**Operator response:** Correct the NDEST and resubmit the job.

**System programmer response:** Assist the user in submitting an accurate NDEST parameter value. For more information on the NDEST parameter refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPFL

**Procedure Name:** MNOTE

---

### EZY0722E OPTNAME PARAMETER EXCEEDS 16 CHARACTERS

**Explanation:** The specified OPTNAME parameter exceeds 16 characters in length. Macro generation is terminated.

**System action:** Processing continues.

**Operator response:** Correct the OPTNAME and resubmit the job.

**System programmer response:** Assist the user in submitting an accurate OPTNAME parameter value. For more information on the OPTNAME parameter refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPFL

**Procedure Name:** MNOTE

---

### EZY0723E RETRY LIMIT EXCEEDS 32767

**Explanation:** The specified retry limit parameter exceeds the maximum value of 32767. The value is replaced with 32767.

**System action:** Processing continues.

**Operator response:** Correct the RETRY LIMIT parameter and resubmit the job.

**System programmer response:** Assist the user in submitting an accurate RETRY LIMIT parameter value. For more information on the RETRY LIMIT parameter refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPFL

**Procedure Name:** MNOTE

---

### EZY0730E TIME VALUE TOO LONG

**Explanation:** The value specified for either RETAINT or RETRYT exceeds 8 digits. The system sets the time value to zero.

**System action:** Processing continues.

**Operator response:** Correct the time value and reissue RETAINT or RETRYT.

**System programmer response:** None.

**Module:** EZAPPFLT

**Procedure Name:** .L9

---

#### EZY0731E INVALID CHARACTER IN TIME VALUE

**Explanation:** The EZAPPFLT macro detected a nonnumeric character in the time value. The system sets the time value to zero.

**System action:** Processing continues.

**Operator response:** Correct the time value and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFLT

**Procedure Name:** .NERR1

---

#### EZY0732E INVALID DAY VALUE

**Explanation:** The EZAPPFLT macro detected a day value greater than 366. The system sets the time value to zero.

**System action:** Processing continues.

**Operator response:** Correct the day value and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFLT

**Procedure Name:** .N2

---

#### EZY0733E INVALID HOUR VALUE

**Explanation:** The EZAPPFLT macro detected an hour value greater than 23. The system sets the time value to zero.

**System action:** Processing continues.

**Operator response:** Correct the hour value and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFLT

**Procedure Name:** .NERR3

---

#### EZY0734E INVALID MINUTE VALUE

**Explanation:** The macro detected a minute value greater than 59. The system sets the time value to zero.

**System action:** Processing continues.

**Operator response:** Correct the minute value and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFLT

**Procedure Name:** .NERR4

---

#### EZY0750I NPF Logging Facility Started

**Explanation:** The Network Print Facility has started the logging activity, which will write all output to the data set specified by the EZAPPLOG DD statement.

**System action:** Processing continues.

**Operator response:** None.

## EZY0751E • EZY0801I

**System programmer response:** None.

**Module:** EZAPPFM

---

### EZY0751E OPEN Failure on NPF Logging File

**Explanation:** An error was encountered while attempting to open the data set specified by the EZAPPLOG DD statement. No logging will be done for this instance of NPF.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Verify that the file specified by the EZAPPLOG DD statement exists and is correctly specified.

**Module:** EZAPPFM

---

### EZY0752E No More Space for NPF Logging File

**Explanation:** An error was encountered while attempting to write a record to the data set specified by the EZAPPLOG DD statement. All logging will be terminated immediately for this instance of NPF.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Increase the size of the data set specified by the EZAPPLOG DD statement and restart NPF.

**Module:** EZAPPFM

---

### EZY0753E I/O Error on NPF Logging File

**Explanation:** The Network Print Facility has encountered an I/O error while attempting to write a record to the data set specified by the EZAPPLOG DD statement. All logging will be ended immediately for this instance of NPF.

**System action:** NPF processing continues.

**Operator response:** None.

**System programmer response:** Investigate the cause of the I/O error associated with the EZAPPCTR DD statement. Previous error messages might have been generated.

**Module:** EZAPPCTR

**Procedure Name:**

---

### EZY0800I Starting the Network Print Facility VTAM Interface (NPFV)

**Explanation:** The Network Print Facility VTAM interface has been invoked.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPAAA

**Procedure Name:** AACMSG00

---

### EZY0801I Terminating the Network Print Facility VTAM Interface (NPFV)

**Explanation:** The Network Print Facility VTAM interface is terminating.

**System action:** The program ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPAAA

**Procedure Name:** AAAEXIT0

---

**EZY0803E Storage allocation error**

**Explanation:** The NPF VTAM capture point application encountered a storage allocation error.

**System action:** The program ends abnormally.

**Operator response:** Notify the system programmer.

**System programmer response:** Increase the storage allocation for the capture point.

**Module:** EZAPPAAA, EZAPPCHD, EZAPPCLU, EZAPPOPNN, EZAPPPRS, EZAPPQST, EZAPPVPP

**Procedure Name:** *various*

---

**EZY0804E Timer not operational**

**Explanation:** A timer used by the NPF VTAM capture point application is not operational. This can indicate a programming error.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** If this error results in system problems, contact the IBM Software Support Center.

**Module:** EZAPPCHD

**Procedure Name:** *various*

---

**EZY0806E No PARM field specified**

**Explanation:** The EXEC statement for the NPF VTAM capture point application did not contain the required PARM value field.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** NOPARMS, PARMSOK

---

**EZY0807E PARM list ended abnormally**

**Explanation:** MVS was unable to create a PARM list for use by the NPF VTAM capture point application. This indicates an internal error.

**System action:** The application halts.

**Operator response:** Notify the system programmer.

**System programmer response:** Contact the IBM Software Support Center.

**Module:** *various*

**Procedure Name:** *various*

---

**EZY0808E No keyword specified in the PARM field**

**Explanation:** The EXEC statement for the NPF VTAM capture point application did not contain a required keyword before the equal sign in the PARM list.

**System action:** The program ends abnormally.

## EZY0809E • EZY0812E

**Operator response:** None.

**System programmer response:** Correct the PARM list and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** GOTKEY

---

**EZY0809E**    **Keyword too long:** *keyword*

**Explanation:** The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM field that was greater than 8 characters.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** GOODKEYL

---

**EZY0810E**    **Invalid keyword:** *keyword*

**Explanation:** The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM field that was not valid.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** FINDVALU

---

**EZY0811E**    **No parameter specified for** *keyword*

**Explanation:** The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM list value with no parameter specified.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field completely and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** PROCVALU

---

**EZY0812E**    **Invalid parameter specified for** *keyword*

**Explanation:** The EXEC statement for the NPF VTAM capture point application contained a keyword with an incorrect parameter.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS



**Procedure Name:** TRCLENOK

---

**EZY0813E** *parameter* **parameter too long**

**Explanation:** The EXEC statement for the NPF VTAM capture point application contained a keyword with that was too long.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** TRCLENOK

---

**EZY0814E** **No LUCLASS specified**

**Explanation:** The PARM field on the EXEC statement did not specify an LUCLASS parameter. For the NPF VTAM capture point application, this parameter is required.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPRS

**Procedure Name:** PRSEXIT0

---

**EZY0815E** **No LUs were found with the specified LUCLASS**

**Explanation:** No match was found between the LU classes specified in the startup parameters for a VTAM application and the LU classes specified for destinations in the routing file.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the startup parameter or the routing file. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPCLU

**Procedure Name:** CLUEXIT0

---

**EZY0816E** **MAXOPEN too big for MAXFLSTG**

**Explanation:** The MAXOPEN and MAXFLSTG subparameters were both specified in the JCL that starts the Network Print Facility's VTAM Capture Point application. MAXFLSTG is less than MAXOPEN multiplied by 16K (MAXOPEN \* 16K) which means that MAXOPEN is not providing any meaningful limit function.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Specify a MAXFLSTG value greater than or equal to MAXOPEN \* 16K or eliminate the MAXOPEN subparameter. For more information on the MAXOPEN and MAXFLSTG subparameters, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPCHD

---

## EZY0817E • EZY0822E

---

### EZY0817E Unable to load *module*

**Explanation:** There was a problem loading the specified module.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure that there is sufficient storage available to load the module.

**Module:** various

---

### EZY0818E ATTACH of *module* failed

**Explanation:** The NPF VTAM capture point application was unable to attach the specified module.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure that there is sufficient storage available to load the module.

**Module:** EZAPPVPP

**Procedure Name:** VPCMSG07, ATTCHQST, ATTCHQOK

---

### EZY0820E OPEN failed for routing file.

**Explanation:** The NPF VTAM capture point application was unable to open the routing file.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure the file indicated in the message exists and the DD statement is correct.

**Module:** EZAPPCLU

**Procedure Name:** ISSUERR

---

### EZY0821E GET failed for routing file

**Explanation:** The NPF VTAM capture point application encountered an error trying to retrieve a routing record.

**System action:** If the program was initializing when the error occurred, the program ends abnormally, otherwise, the program continues.

**Operator response:** Notify the system programmer.

**System programmer response:** This should be accompanied by message EZY0630E, which gives the name of the routing that proved unsuccessful. Follow the response for that message.

**Module:** EZAPPCLU

**Procedure Name:** ISSUERR

---

### EZY0822E *name* Duplicate LU names in routing file

**Explanation:** The Network Print Facility VTAM capture point has found multiple VTAM routings with the same major name (*name*). There cannot be duplicate names in the routing file.

A VTAM routing is one for which a nonzero LUCCLASS value has been specified. For VTAM routings, the major name is the printer's LU name. For more information on input record fields of the routing file, refer to the *z/OS Communications Server: IP Network Print Facility* manual.

**System action:** The program uses the first VTAM routine with major name *name* and ignores the duplicates.

**Operator response:** None.

**System programmer response:** Remove the duplicate name from the major name field of the routing file.

**Module:** EZAPPCLU

---

**Procedure Name:** BADLU

---

**EZY0823E**    *xxxxxxx* - **Undetermined OPEN error, RC = rc**

**Explanation:** An attempt to open an LU failed for an unknown reason. The value returned in the error field of the ACB is displayed in the *rc* portion of this message.

**System action:** The program marks the LU as permanently dead.

**Operator response:** Determine what type of error occurred by looking in the *z/OS Communications Server: SNA Programming* under the OPEN macro, Completion Information section, then contact the system programmer.

**System programmer response:** For error code 36 (24 hexadecimal), correct the specified APPL definition. For all other error codes, contact the IBM Software Support Center.

**Module:** EZAPPCLU

**Procedure Name:**

---

**EZY0824E**    *name* - **LU unknown to VTAM**

**Explanation:** The indicated LU is not known to VTAM.

**System action:** The program marks the LU as retryable and will periodically attempt to open the LU.

**Operator response:** Make sure the specified LU is defined to VTAM and activated.

**System programmer response:** Make sure the LUCLASS parameter in the JCL specifies the correct set of LU names in the routing file. Correct the startup parameter or the routing file. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPOPEN

**Procedure Name:** OPCMSG05

---

**EZY0825E**    *name* - **LU is in the process of being opened or closed**

**Explanation:** A connection request has been received for the specified LU that is in the process of opening or closing.

**System action:** The program marks the LU as retryable and will periodically attempt to open the LU.

**Operator response:** Make sure the LU is not already in use by another application.

**System programmer response:** None.

**Module:** EZAPPOPEN

**Procedure Name:** OPCMSG06

---

**EZY0826E**    *LU name* - **LU already in use by another application**

**Explanation:** A connection request has been received for the specified LU which is already active.

**System action:** The system marks the LU as retryable and will periodically attempt to open the LU.

**Operator response:** None.

**System programmer response:** Correct the startup parameter or the routing file. Also, make sure the specified LU is not already in use by another application. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPOPEN

**Procedure Name:** OPCMSG07

---

**EZY0827E** *name* - LU was improperly defined in VTAM definition deck

**Explanation:** The specified LU name that is assigned to the NPF VTAM capture point application has attributes that are inconsistent with this use.

**System action:** The program ignores the LU.

**Operator response:** Make sure the LU is not already in use.

**System programmer response:** Correct the startup parameter or the routing file. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG08

---

**EZY0828E** *number* LUs unknown to VTAM

**Explanation:** The indicated number of LUs are not known to VTAM.

**System action:** The program marks the LUs as retryable and will periodically attempt to open them.

**Operator response:** Make sure the LUs are defined to VTAM and activated.

**System programmer response:** Make sure the LUCLASS parameter in the JCL specifies the correct set of LU names in the routing file. Correct the startup parameter or the routing file. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG05

---

**EZY0829E** *number* LUs in the process of being opened or closed

**Explanation:** The indicated number of LUs are in the process of opening or closing.

**System action:** The program marks the LUs as retryable and will periodically attempt to open them.

**Operator response:** Make sure the LUs are not already in use by another application.

**System programmer response:** None.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG06

---

**EZY0830E** *number* LUs already in use by another application

**Explanation:** A connection request has been received for the indicated number of LUs, which are already active.

**System action:** The system marks the LUs as retryable and will periodically attempt to open them.

**Operator response:** None.

**System programmer response:** Correct the startup parameter or the routing file. Also, make sure the specified LU is not already in use by another application. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG07

---

**EZY0831E** *number* LUs improperly defined in VTAM definition deck

**Explanation:** The indicated number of LUs are assigned to the NPF VTAM capture point application and have attributes that are inconsistent with this use.

**System action:** The program ignores the LUs.

**Operator response:** Make sure the LUs are not already in use.

**System programmer response:** Correct the startup parameter or the routing file. For more information on the EXEC statement, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG08

---

**EZY0832E SETLOGON failed for name**

**Explanation:** An attempt was made to issue a SETLOGON START for an open ACB.

**System action:** The program closes the ACB and will periodically retry the OPEN ACB and SETLOGON operations.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure enough storage is available for VTAM.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG09

---

**EZY0833E VTAM is currently inactive**

**Explanation:** The VTAM support on the system is not active.

**System action:** The program continues to run and will periodically retry the VTAM OPEN ACB operation.

**Operator response:** Make sure VTAM is active before starting Network Print Facility for VTAM.

**System programmer response:** None.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG03

---

**EZY0834E VTAM is shutting down**

**Explanation:** The VTAM support on the system is being shut down.

**System action:** The program continues to run and will periodically retry the VTAM OPEN ACB operation.

**Operator response:** Reactivate VTAM or end Network Print Facility for VTAM.

**System programmer response:** None.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG04

---

**EZY0835E No VTAM exists on the system**

**Explanation:** The system contains no VTAM support.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure VTAM is installed before running Network Print Facility for VTAM.

**Module:** EZAPPOP

**Procedure Name:** OPCMSG02

---

**EZY0837I Enter NPFV application operator command**

**Explanation:** This message prompts for an operator command. The possible commands and their usage can be found in the *z/OS Communications Server: IP Network Print Facility*.

**System action:** Processing continues.

**Operator response:** Refer to the *z/OS Communications Server: IP Network Print Facility* for information on NPFV application operator commands and their usage.

## **EZY0838E • EZY0842I**

**System programmer response:** None.

**Module:** EZAPPAAA, EZAPPCHD

**Procedure Name:** AAIWTOR

---

### **EZY0838E Invalid reply specified**

**Explanation:** The reply to message EZY0837I is not correct.

**System action:** The system prompts for another reply.

**Operator response:** Re-enter the correct reply.

**System programmer response:** None.

**Module:** EZAPPCHD

**Procedure Name:** CHCMMSG02

---

### **EZY0839E LU specified not in the routing file**

**Explanation:** The LU specified on the LUNAME operator reply was not found in the routing file.

**System action:** Processing continues.

**Operator response:** Make sure the correct LUNAME is specified and reenter the request.

**System programmer response:** Update the routing file if necessary.

**Module:** EZAPPCLU

**Procedure Name:**

---

### **EZY0840E LU specified already open**

**Explanation:** The requested LU was already open.

**System action:** Processing continues.

**Operator response:** Make sure that the proper LU was requested.

**System programmer response:** None.

**Module:** EZAPPCLU

**Procedure Name:** DOSRCH1

---

### **EZY0841E Routing file record not specified as NPF VTAM record**

**Explanation:** The user requested a new LU be opened by the NPF VTAM capture point application. The one requested is not marked as a VTAM record.

**System action:** Processing continues.

**Operator response:** Make sure the correct LU name was entered.

**System programmer response:** Make sure the routing file has been configured correctly.

**Module:** EZAPPCLU

**Procedure Name:** BADLU

---

### **EZY0842I LUNAME ADD succeeded**

**Explanation:** The LU was successfully created.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCHD

**Procedure Name:** OPNLUXIT

---

**EZY0843E LUNAME ADD failed**

**Explanation:** There was an error while attempting to create a Logical Unit.

**System action:** Processing continues.

**Operator response:** Notify the system programmer.

**System programmer response:** Determine if the appropriate parameters were specified on the EXEC statement for the creation of an LU.

**Module:** EZAPPCHD

**Procedure Name:** CREATFLD

---

**EZY0844I LUNAME DEL succeeded**

**Explanation:** A connection has been successfully deleted.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCHD

**Procedure Name:** n/a

---

**EZY0845E LUNAME DEL failed - LU does not exist**

**Explanation:** A connection could not be deleted because the specified connection does not exist.

**System action:** Processing continues.

**Operator response:** Make sure the connection was properly specified.

**System programmer response:** None.

**Module:** EZAPPCHD

**Procedure Name:** n/a

---

**EZY0846E LUNAME DEL failed - LU still OPEN**

**Explanation:** A connection could not be deleted. The logical unit is still open.

**System action:** Processing continues.

**Operator response:** Make sure that the LU is properly specified and not in use by another application.

**System programmer response:** None.

**Module:** EZAPPCHD

**Procedure Name:** n/a

---

**EZY0847I Table reload complete**

**Explanation:** The end-of-file rules table or the default page format table has been reloaded after the RELOAD command has been issued. For more information, refer to the *z/OS Communications Server: IP Network Print Facility* manual.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

## EZY0848E • EZY0851E

**Module:** EZAPPCHD

**Procedure Name:** FREECOM

---

### EZY0848E LOAD failed for new table

**Explanation:** There was an error loading the new end-of-file rules table or the default page format table. Refer to *z/OS Communications Server: IP Network Print Facility* for more information.

**System action:** Processing continues.

**Operator response:** Notify the system programmer.

**System programmer response:** Make sure that the table exists and is in the proper library, and that sufficient storage is available to support the table.

**Module:** EZAPPCHD

**Procedure Name:** LOADERR1

---

### EZY0849E Format invalid for new table

**Explanation:** The new end-of-file rules table or the default page format table format was unrecognized. For information on the page formatting macros, refer to *z/OS Communications Server: IP Network Print Facility*.

**System action:** Processing continues.

**Operator response:** Notify the system programmer.

**System programmer response:** Correct the table format and recompile and link edit the corrected table.

**Module:** EZAPPCHD

**Procedure Name:** LOADERR2

---

### EZY0850I Command accepted

**Explanation:** The requested command has been accepted by the Network Print Facility. This message is issued in response to QUIT, QUIT FORCE, or KILL commands in reply to message EZY0837I, or STOP in reply to message EZY0960I. The command has been accepted as valid and shutdown of the NPF jobs has begun. There might be a significant delay between the issuing of this message and the completion of the shutdown process.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCHD, EZAPPQSB

---

### EZY0851E INVALID INVOCATION OF EZAPPDPE

**Explanation:** EZAPPDPE is a macro used by EZAPPDPF. This message indicates a logic error in EZAPPDPF. The EZAPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Call the IBM Software Support Center to report the problem.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPE

---



---

**EZY0852E    INVALID CHARACTER IN *field* VALUE**

**Explanation:** Only numbers between 0 and 9 can be specified in the value field. The EZAPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the value in the specified field of the EZAPDPF macro. Use only numerics between 0 and 9 in the value field.

**Module:** EZAPPPFT

**Procedure Name:** EZAPDPPE

---

**EZY0854E    PAGE FORMAT NAME IS REQUIRED**

**Explanation:** Each page format you specify with the EZAPDPF macro in the EZAPPPFT module must have a name. The EZAPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Specify a name for this page format table entry on the EZAPDPF macro. For the proper syntax of the macro, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPFT

**Procedure Name:** EZAPDPF

---

**EZY0855E    PAGE FORMAT NAME TOO LONG**

**Explanation:** The page format name you specified with the EZAPDPF macro in the EZAPPPFT module is longer than eight characters. For more information on the EZAPDPF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the EZAPDPF macro so the entry name is the correct length. For proper syntax of the macro, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPPFT

**Procedure Name:** EZAPDPF

---

**EZY0856E    MAX PRES. POSITION GREATER THAN 255**

**Explanation:** The maximum presentation position (MPP) is an optional keyword representing the line length. This can be an integer from 0 to 255. A value of 0 uses the printer's default of 80 columns. For more information on this keyword, refer to *z/OS Communications Server: IP Network Print Facility*. The macro EZAPDPF is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the MPP parameter in the EZAPDPF macro to a number from 0 to 255.

**Module:** EZAPPPFT

**Procedure Name:** EZAPDPF

---

**EZY0857E LEFT MARGIN CANNOT EXCEED MPP**

**Explanation:** The maximum presentation position (MPP) represents the line length. The left margin keyword (LM), which identifies where the left margin starts, cannot have a value greater than the value for MPP. A value of 0 defaults to column 1. For more information on the keywords of the EZAPPPDPF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the LM parameter in the EZAPPPDPF macro to have a value between 0 and the value for MPP.

**Module:** EZAPPPDPF

**Procedure Name:** EZAPPPDPF

---

**EZY0858E RIGHT MARGIN < LM OR > MPP**

**Explanation:** The keyword representing where the right margin starts has a value that is either less than the value for left margin (LM) or it is greater than the value for the maximum presentation position (MPP). A value of 0 is also permitted and sets the right margin equal to the maximum presentation position (MPP). For more information on the keywords for the EZAPPPDPF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the right margin (RM) value to be 0 or less than the value for MPP and greater than the value for LM.

**Module:** EZAPPPDPF

**Procedure Name:** EZAPPPDPF

---

**EZY0859E HT<sub>n</sub> < LM OR > RM**

**Explanation:** The nth value specified for the horizontal tabs (HT=(...)) is not valid because it is either less than the left margin or greater than the right margin. A value of 0 is also permitted and is ignored. For more information about the EZAPPPDPF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the horizontal tabs (HT) value to be 0 or greater than the LM value and less than the RM value.

**Module:** EZAPPPDPF

**Procedure Name:** EZAPPPDPF

---

**EZY0860E MAX PRES. LINE GREATER THAN 255**

**Explanation:** The maximum presentation line (MPL) is an optional keyword representing the page length in lines. This value can be an integer from 0 to 255. A value of 0 uses the printer default of 1 line. For more information on this keyword of the EZAPPPDPF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the maximum presentation line (MPL) value to a number between 0 and 255.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPPDF

#### EZY0861E TOP MARGIN CANNOT EXCEED MPL

**Explanation:** The top margin (TM) keyword specifies what line number the top margin starts on. This value cannot be greater than the value for the maximum page length (MPL). A value of 0 sets the top margin to line 1. For more information on this keyword of the EZAPPPDF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPPDF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the value for the TM keyword in the EZAPPPDF macro to a number between 0 and the value for MPL.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPPDF

#### EZY0862E BOTTOM MARGIN < TM OR > MPL

**Explanation:** The value for the bottom margin (BM) cannot be less than the top margin (TM) or greater than the page length (MPL). A value of 0 is also permitted and sets the bottom margin equal to the page length. For more information on this keyword of the EZAPPPDF macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPPDF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the BM value in the EZAPPPDF macro to be 0 or greater than TM and less than MPL.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPPDF

#### EZY0863E VT<sub>n</sub> < TM OR > BM

**Explanation:** The nth value specified for vertical tabs (VT=(...)) was not valid. The value must be less than the value for BM (bottom margin) or greater than the value for TM (top margin). A value of 0 is also permitted and is ignored. For more information about the EZAPPPDF macro, refer to *z/OS Communications Server: IP Network Print Facility* manual. The EZAPPPDF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the value for the vertical tabs (VT) to be 0 or greater than the value for TM and less than the value for BM.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPPDF

#### EZY0864I MAX PRES. POSITION DEFAULTED TO 80

**Explanation:** The optional maximum presentation position (MPP) keyword was not included in the EZAPPPDF macro syntax. The MPP will default to a value of 80.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

## EZY0865I • EZY0869I

Procedure Name: EZAPPPDPF

---

### EZY0865I LEFT MARGIN DEFAULTED TO 1

**Explanation:** The left margin (LM) was not specified in the EZAPPPDPF macro. The LM will default to 1. To change the left margin, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPPDPF macro.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

Procedure Name: EZAPPPDPF

---

### EZY0866I RIGHT MARGIN DEFAULTED TO MPP

**Explanation:** The right margin (RM) was not specified in the EZAPPPDPF macro. The RM will default to the value of MPP. For information on how to change the RM, refer to *z/OS Communications Server: IP Network Print Facility*.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

Procedure Name: EZAPPPDPF

---

### EZY0867I HT<sub>n</sub> DEFAULTED TO 0

**Explanation:** The nth horizontal tab parameter was omitted from the list specified with the HT=(*ht1,ht2,...*) keyword on the EZAPPPDPF macro. The nth horizontal tab will default to a value of 0. For information on the HT keyword, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPPDPF macro.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

Procedure Name: EZAPPPDPF

---

### EZY0868I MAX PRES. LINE DEFAULTED TO 1

**Explanation:** The maximum presentation line (MPL) keyword was not found in the EZAPPPDPF macro. MPL will default to a value of 1. The MPL represents the page length in lines.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

Procedure Name: EZAPPPDPF

---

### EZY0869I TOP MARGIN DEFAULTED TO 1

**Explanation:** The optional top margin (TM) keyword was not found in the EZAPPPDPF macro. TM will default to a value of 1. For more information on this keyword, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPPDPF macro.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

#### EZY0870I BOTTOM MARGIN DEFAULTED TO MPL

**Explanation:** The bottom margin (BM) was not found in the EZAPPDPF macro. BM will default to a value equal to the value of MPL. For more information on this keyword, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPDPF macro.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

#### EZY0871I VT<sub>n</sub> DEFAULTED TO 0

**Explanation:** The nth vertical tab parameter was omitted from the list specified with the VT=(*vt1,vt2,...*) keyword on the EZAPPDPF macro. The nth vertical tab will default to a value of 0. For more information on this keyword, refer to *z/OS Communications Server: IP Network Print Facility*.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

#### EZY0872W DEFAULT PAGE FORMAT NOT GENERATED

**Explanation:** No entry name was specified, or one or more of the following had a non-numeric value as its parameter:

- MPP
- LM
- RM
- HT
- MPL
- TM
- BM
- VT

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Verify that all the keywords in the EZAPPDPF macro have correct values. Also, verify that the format has an entry name. Refer to *z/OS Communications Server: IP Network Print Facility* for more information on the keywords.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

**EZY0873E STB VALUE *xxx* IS INVALID**

**Explanation:** The only valid settings for the STB operand (Suppress Trailing Blanks) are YES and NO. The EZAPDPDF macro is not expanded.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Correct the value in the STB field of the EZAPDPDF macro.

**Module:** EZAPPPFT

---

**EZY0874E TYPE=END MUST BE LAST MACRO**

**Explanation:** If the TYPE parameter in the EZAPPEFM macro is END, the macro must mark the end of the table. For information on other possibilities of the TYPE parameter, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Make sure that the EZAPPEFM TYPE=END macro call is the last statement in your EZAPPEFT source deck.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0875E TYPE PARAMETER IS REQUIRED**

**Explanation:** The TYPE keyword is required for identifying the function of the EZAPPEFM macro. The 4 possible values are:

- SYSDFLT
- ENTRY
- PLU
- END

For information on these values, refer to *z/OS Communications Server: IP Network Print Facility* manual. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** When coding the EZAPPEFM macro, make sure to include the TYPE keyword and an appropriate value.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0876E TYPE PARAMETER INVALID**

**Explanation:** When specifying the TYPE value when coding the EZAPPEFM macro, use one the following values:

- SYSDFLT
- ENTRY
- PLU
- END

For more information on these values, refer to *z/OS Communications Server: IP Network Print Facility* manual. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the value for the TYPE keyword of the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

#### EZY0877E TYPE=SYSDFLT MUST BE THE FIRST MACRO

**Explanation:** The SYSDFLT parameter was present for the TYPE keyword when the EZAPPEFM macro was coded. It must be the first EZAPPEFM macro and it must be the only EZAPPEFM macro in the module with the SYSDFLT value. For information on the values of the TYPE keyword, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the value of the TYPE value in the EZAPPEFM macro or make this the first EZAPPEFM macro in the module.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

#### EZY0878E MUST FOLLOW VALID TYPE=ENTRY MACRO

**Explanation:** Before coding the TYPE=PLU keyword in the EZAPPEFM macro, there must be a TYPE=ENTRY keyword in a previous EZAPPEFM macro. For more information on the TYPE keyword, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Add an EZAPPEFM macro with the TYPE=ENTRY keyword, before the macro with TYPE=PLU.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

#### EZY0879E TABLE ENTRY NAME IS REQUIRED

**Explanation:** When coding the TYPE=ENTRY keyword in the EZAPPEFM macro, you must specify the name for the end-of-file rules table entry as the label on the macro. For information on the EZAPPEFM macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Include name of the end-of-file rules table entry as the label on the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

#### EZY0880E TABLE ENTRY NAME TOO LONG

**Explanation:** When coding the EZAPPEFM TYPE=ENTRY macro, the macro label (name of the table entry) must be between 1 and 8 alphanumeric characters long. For information about the EZAPPEFM macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro ends abnormally.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the macro label to contain 8 or less alphanumeric characters.

**Module:** EZAPPEFT

## EZY0881E • EZY0884E

Procedure Name: EZAPPEFM

---

### EZY0881E NAME FOUND WHEN NOT TYPE=ENTRY

**Explanation:** A label on the EZAPPEFM macro is only permitted when the TYPE is ENTRY. Refer to *z/OS Communications Server: IP Network Print Facility* for more information on the macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the EZAPPEFM macro adding the TYPE=ENTRY keyword or deleting the macro label.

**Module:** EZAPPEFT

Procedure Name: EZAPPEFM

---

### EZY0882E PLUNAME IS REQUIRED

**Explanation:** While coding the EZAPPEFM macro, the TYPE=PLU keyword was found and there is no value for the PLUNAME. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Add the PLUNAME keyword and value to the macro. For information on the macro syntax and the PLUNAME keyword, refer to *z/OS Communications Server: IP Network Print Facility*.

**Module:** EZAPPEFT

Procedure Name: EZAPPEFM

---

### EZY0883E PLUNAME FOUND WHEN NOT TYPE=PLU

**Explanation:** When the TYPE value is not PLU, there must not be a keyword PLUNAME. For information the EZAPPEFM macro, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Remove the PLUNAME keyword or change the TYPE value to PLU.

**Module:** EZAPPEFT

Procedure Name: EZAPPEFM

---

### EZY0884E PLUNAME TOO LONG

**Explanation:** The value for the PLUNAME keyword of the macro syntax is too long. The maximum number of alphanumeric characters that a PLUNAME value can be is 8. For more information, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the PLUNAME to be less than or equal to 8 alphanumeric characters.

**Module:** EZAPPEFT

Procedure Name: EZAPPEFM

---



---

**EZY0885E PLUNAME HAS NO SIGNIFICANT CHARS**

**Explanation:** The PLUNAME value specified for the PLUNAME keyword contained no characters other than \* or ?. For naming conventions for the PLUNAME value, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the value specified by the PLUNAME keyword in the EZAPPEFM macro syntax to contain at least 1 significant character.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0886E PLUNAME HAS IMBEDDED BLANK OR \***

**Explanation:** An asterisk or a blank was found in the middle of the PLUNAME value. The asterisk can be used as a wildcard at the beginning or the end of a PLUNAME value, but not in the middle. Blank spaces are not permitted in the middle of a PLUNAME value either. For naming conventions for the PLUNAME value, refer to the *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the PLUNAME value in the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0887E PLUNAME HAS MIXED \* AND ?**

**Explanation:** Both an asterisk and a question mark were found in the PLUNAME value. Refer to the *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro for information on naming conventions for the PLUNAME value. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the PLUNAME value in the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0888E EOFn= NOT ALLOWED WITH EOF=**

**Explanation:** Both the EOFn and the EOF keywords were found in the syntax for the EZAPPEFM macro. Refer to the *z/OS Communications Server: IP Network Print Facility* manual for information on the end-of-file rules. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Delete the appropriate keyword from the macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0889E EOF SPEC REQUIRED**

**Explanation:** The TYPE value in the EZAPPEFM macro was either SYSDFLT or PLU. With these values, an EOF or EOF $n$  keyword is required. For information on these values, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Add an appropriate EOF or EOF $n$  value to the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0890E EOF SPEC NOT ALLOWED ON TYPE=END**

**Explanation:** The EOF keywords are not allowed when the TYPE value is END. For more information on the EOF specifications, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Remove the EOF keyword from the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0891E *parameter* PARAMETER UNRECOGNIZED**

**Explanation:** The value specified for the EOF or EOF $n$  keyword on the EZAPPEFM macro is incorrect. The possible values are:

- EB
- EC
- ES
- STRING
- TIMER

For more information on these values, refer to *z/OS Communications Server: IP Network Print Facility*. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Replace the EOF or EOF $n$  value with the appropriate value.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0892E EOF $n$  IDLE/BUSY TIMES REQUIRED**

**Explanation:** When entering the value for the EOF $n$ =(TIMER,*idleint*,*busyint*) keyword, the TIMER value must be followed by an idle interval and a busy interval, each specified in seconds. For information on these parameters, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Add the *idleint* and *busyint* parameters to the value of the EOF or EOF $n$  keyword.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0893E EOF<sub>n</sub> STRING KEEP / DEL REQUIRED**

**Explanation:** If the STRING value is used when coding the end-of-file rules (EOF) keyword for the EZAPPEFM macro, it must be accompanied by a KEEP or DEL parameter. For information on these additions, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Add the KEEP or DEL parameter to the STRING value in the coding of the EOF keyword of the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0894E EOF<sub>n</sub> STRING VALUE REQUIRED**

**Explanation:** When coding the STRING value for the EOF keyword in the EZAPPEFM macro, a parameter must be included. The parameter can either be a character or hexadecimal value that does not exceed 56 characters. For more information, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the macro syntax to contain a parameter for the STRING value of the EOF keyword.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0895E EOF<sub>n</sub> TIMER NOT ALLOWED WITH LU1**

**Explanation:** The TIMER value can be used with EOF0 or EOF3 and cannot be used with EOF or EOF1. For more information, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Specify separate rules for EOF0, EOF1, and EOF3. Use a rule other than TIMER for the EOF1 keyword of the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0896E EOF<sub>n</sub> STRING DATATYPE NOT C OR X**

**Explanation:** When coding the STRING value of the EOF keyword of the EZAPPEFM macro, the parameter must be a hexadecimal string (X) or a character string (C). Refer to *z/OS Communications Server: IP Network Print Facility* for more information. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the value of the string in the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0897E** EOFn QUOTE REQUIRED AFTER C OR X

**Explanation:** Following the C or X in the STRING parameter, there must be a quotation mark before the parameter. For more information on the parameters of the STRING value, refer to *z/OS Communications Server: IP Network Print Facility* under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the macro by adding a single quotation mark before the string and after the X or C in the EZAPPEFM macro. Remember to terminate the string with a single quotation mark also.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0898E** MACRO DID NOT EXPAND

**Explanation:** The macro syntax was incorrect. This message is displayed with another error message indicating what was not correct.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Use the message preceding this one to determine the error and correct the macro syntax.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0910I** fssid printerid SYSOUT DYNALLOC/OPEN DONE

**Explanation:** The creation and opening of the print data set is complete.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** OPNDDDD1

---

**EZY0911I** WILL RETRY FOR DYNALLOC

**Explanation:** The first attempt to dynamically allocate a data set was not successful.

**System action:** The program continues and again attempts to dynamically allocate a data set.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** OPNDDDD1

---

**EZY0912I** fssid printerid JOB jobid jobname IS HELD IN JES QUEUE DUE TO NO VALID DESTINATION

**Explanation:** Network Print Facility determined there is no valid routing record or options record for the print file. Network Print Facility does not know where to send the print file.

**System action:** Processing continues.

**Operator response:** Define a valid routing record or options record, and reissue the print request.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** OPNDDDD1

**EZY0915I** *fssid printerid* **JOB jobid jobname HELD IN JES QUEUE DUE TO NON-ZERO GETREC RC**

**Explanation:** The Network Print Facility has received an error indication from JES during GETREC processing. No further processing of the output data set can be completed.

**System action:** The spool file on which the JES GETREC error occurred is changed to a HELD status in the JES queue. Processing continues with the next available print dataset.

**Operator response:** Ensure that the job creating the output has completed successfully. If the output is not printable, it might need to be purged from the JES queue.

**System programmer response:** Investigate the reason for the nonzero GETREC return code. A previous error message might have been generated, listing a GETREC error condition such as GLRLGE or GLRIOE. These codes are documented in the JES GETREC Processing section of *z/OS MVS Using the Functional Subsystem Interface*.

**Module:** EZAPPFA

**EZY0920I** *fssid printerid* **SYSOUT PUT/CLOSE DONE**

**Explanation:** The creation of a print data set is complete and the close has been performed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** CLSDDDD1

**EZY0921I** *fssid printerid* **SYSOUT SEND DONE**

**Explanation:** The transmission of the print data set via LPR is complete.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** CLSDDDD1

**EZY0922I** *fssid printerid* **SYSOUT RELEASE DONE**

**Explanation:** The JES writer has performed a termination function. This indicates the writer is ending and has successfully closed all files and detached subtasks related to Network Print Facility.

**System action:** The program ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** PFSADD1

**EZY0930I** *fssid printerid* **RESET TO FILE START REQUESTED**

**Explanation:** An input record exit has requested the JES writer to reset the file to the beginning for reprocessing. The system restarts the JES output file.

**System action:** Processing continues.

## EZY0931E • EZY0934E

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** SFSDEXIT

---

### EZY0931E GETMAIN FOR DEVICE DRIVER SDCB FAILED

**Explanation:** The JES device driver is unable to allocate its workspace due to lack of virtual storage.

**System action:** The system ends the JES device driver (writer).

**Operator response:** Increase the virtual storage assigned to the writer and restart.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** SFSADD1

---

### EZY0932E \*ERROR\* RC=*rc* FROM FCM. FSA IS TERMINATING..

**Explanation:** The JES writer has received a recoverable error response from EZAPPFCM.

**System action:** The system ends the JES device driver (writer).

**Operator response:** Look for an accompanying message to provide details of the error. Respond based on the accompanying message.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** SFSDEXIT

---

### EZY0933E MINOR ERROR RC=*rc* FROM FCM IS IGNORED

**Explanation:** The JES writer has received a recoverable error response from EZAPPFCM such as an incorrect routing.

**System action:** The system continues and processes the next JES output.

**Operator response:** Look for an accompanying message to provide details of the error. Respond based on the accompanying message.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** SFSDEXIT

---

### EZY0934E \*ERROR\* CAN NOT LOAD EZAPPFCM

**Explanation:** The JES writer failed in attempting to LOAD EZAPPFCM.

**System action:** The system ends the JES device driver (writer).

**Operator response:** Check the JOBLIB/STEPLIB assignments to make sure that the EZAPPFCM module is accessible. If so, look for indications of a load being unsuccessful from MVS. Correct the error and retry.

**System programmer response:** None.

**Module:** EZAPPFDD

**Procedure Name:** SFSDEXIT

---

---

**EZY0939W** *fssid printerid* **WARNING! Truncating print data record length. Exceeds FSS maximum of 32756.**

**Explanation:** The largest print data set record length for SPIN=DATASET has been exceeded. In order to prevent the FSS from ABENDING, the print data has been truncated.

**System action:** The NPF print data set is created with the maximum record length of 32756 and processing continues.

**Operator response:** Determine that no actual data was lost when the truncation occurred. If automatic truncation is not desired, the user can modify the DCB parameters on the DD statement within the job that creates the print data set. The combination that necessitated truncation of data is RECFM=U and BLKSIZE greater than 32756.

Although it might affect other processing in the user's NPF environment, the problem can also be avoided by modifying the FSS to SPIN=GROUP. Make sure that SPIN=GROUP is acceptable before modifying this parameter.

**System programmer response:** None.

**Module:** EZAPPFDD

---

**EZY0951E** **VSAM macro failure on** *macro* **RETURN CODE =** *rc* **REASON CODE =** *reason*

**Explanation:** VSAM has encountered an error processing the Queue file.

**MMMMMMMM**

The name of the VSAM macro that was unsuccessful.

**RRRR** The return code provided by VSAM (in)

**CCCC** The reason code provided by VSAM

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Refer to *z/OS DFSMS Macro Instructions for Data Sets* for an explanation of the reason and response codes.

**Module:** EZAPPQSA

**Procedure Name:** QSIMSGPV

---

**EZY0952E** **NPF Queue Manager: Incorrect parameter/no parameter specified.**

**Explanation:** The parameters specified in the PARM field of the JCL EXEC statement are either missing or incorrect.

**System action:** The Queue Manager program ends abnormally.

**Operator response:** Correct the parameters and reissue the EXEC statement. You must specify at least one parameter at startup, the time interval between queue scans. Specify this value in hours, minutes, and seconds format *hhmmss*.

**System programmer response:** None.

**Module:** EZAPPQSA

**Procedure Name:** QSIMSG02

---

**EZY0953E** **ATTACH for EZAPPQSB failed.**

**Explanation:** The ATTACH for the subtask running EZAPPQSB (timer subtask) was unsuccessful. Either the module could not be found or there is insufficient virtual storage to load it.

**System action:** The programs ends abnormally.

**Operator response:** Check the STEPLIB and JOBLIB data sets or the link list for the presence of this module. If it is found, increase the virtual storage and retry the job.

**System programmer response:** None.

**Module:** EZAPPQSA

**Procedure Name:** QSIMSG03

---

## EZY0954E • EZY0958E

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### EZY0954E Unable to load EZAPPFCA.

**Explanation:** The LOAD for module EZAPPFCA was unsuccessful. Either the module could not be found or there is insufficient virtual storage to load it.

**System action:** The program ends abnormally.

**Operator response:** Check the STEPLIB and JOBLIB data sets or the link list for the presence of this module. If it is found, increase the virtual storage and retry the job.

**System programmer response:** None.

**Module:** EZAPPQSA

**Procedure Name:** QSIMSG04

---

### EZY0955E Insufficient storage for program

**Explanation:** The virtual storage allocation for EZAPPQSA is not sufficient to run the program.

**System action:** The program ends abnormally.

**Operator response:** Increase the region size and rerun the program.

**System programmer response:** None.

**Module:** EZAPPQSA

**Procedure Name:** QSI00010

---

### EZY0956E DYNALLOC macro failure on ALLOCATION/DEALLOCATION RETURN CODE = rc

**Explanation:** An error (nonzero value in) was returned by the DYNALLOC macro (SVC 99). rc is the return code.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Refer to *z/OS MVS Programming: Authorized Assembler Services Guide* for an explanation of the return code.

**Module:** EZAPPQSA

**Procedure Name:** QSIMSGPD

---

### EZY0957I Routing route key operation File filename At time on day day year year

**Explanation:** Trace output. The routing identified by *route key* has completed operation *operation* using file *file* at the time stated.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQSA

**Procedure Name:** QSITMMSG

---

### EZY0958E Initialization error in Queue Manager

**Explanation:** An error occurred during initialization in the queue manger. The accompanying message describes the specific error.

**System action:** Queue manager stops processing.

**Operator response:** See the accompanying message to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZAPPQSA



---

**EZY0959E    CLOSE failure on Queue File**

**Explanation:** The Network Print Facility Queue Manager encountered an error trying to close the QUEUE file while ending. The error message is issued and the Queue Manager continues with ending process.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Look for associated messages and investigate the reason why the QUEUE file might not have been successfully closed.

**Module:** EZAPPQSA

---

**EZY0960I    NPF Queue Manager: Enter STOP or new time value**

**Explanation:** The operator can reply to this message to change the scan interval or stop the queue manager.

**System action:** The system changes the operation as specified.

**Operator response:** To change the scan interval, reply with a value of hours, minutes, and seconds in the form *hhmmss*. To stop the queue manager, reply with the word *STOP*. To start a trace of the NPF Queue Manager to the system console, reply with the word *TRACE*. To stop tracing the NPF Queue Manager to the system console, reply *NOTRACE*. To change the maximum printer queue depth, reply with a new value from 0-99999 in the form *QDEPTH=nnnnnn*. Specifying *QDEPTH=0* will remove any previously set *QDEPTH* limits and set *DEPTHWTO* to a value of *N*. To request that a *WTP* be issued when *QDEPTH* is reached, reply with *DEPTHWTO=Y*. *QDEPTH* must not be a nonzero value before *DEPTHWTO* can be turned on. To request that a *WTO* no longer be issued when *QDEPTH* is reached, reply with *DEPTHWTO=N*.

**System programmer response:** None.

**Module:** EZAPPQSB

---

**EZY0961I    NPF Queue Manager: Incorrect Reply.**

**Explanation:** The reply to message EZY0960I is not correct.

**System action:** The system reissues message EZY0960I.

**Operator response:** Respond correctly to the new message.

**System programmer response:** None.

**Module:** EZAPPQSB

---

**EZY0962E    Unable to Attach EZAPPLPR**

**Explanation:** The queue manager was unable to attach module EZAPPLPR.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure that the module EZAPPLPR is in the proper load library and that enough storage is available to load the module. Increase the region size if necessary.

**Module:** EZAPPQSA

---

**EZY0963E    EZAPPLPR Task Abended Completion Code = cc**

**Explanation:** The task EZAPPLPR has ended abnormally. The reason is indicated by the MVS system completion code displayed in this message. The queue manager might retain the print data set for reprocessing according to user options in effect at the time of the error.

**System action:** The task ends abnormally.

**Operator response:** If the error persists, stop queue manager and notify the system programmer.

**System programmer response:** Use the MVS completion code displayed in this message and the MVS system

## EZY0964I • EZY0968I

documentation to determine the cause of the error and respond as indicated.

**Module:** EZAPPQSA

---

### EZY0964I Queue manager trace turned {on | off}

**Explanation:** The TRACE for the Queue Manager has been activated (on) or deactivated (off). This message indicates completion of a TRACE or NOTRACE command entered in reply to message EZY0960I.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQSB

---

### EZY0965I Queue manager interval changed

**Explanation:** The interval for Queue Manager scans has been changed in a reply to message EZY0960I.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQSB

---

### EZY0966I Queue Manager DEPTHWTO turned off

**Explanation:** No WTO will be issued when the current QDEPTH limit is reached for any printer.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQSB

---

### EZY0967I Queue Manager DEPTHWTO turned on

**Explanation:** A WTO will be issued when the current QDEPTH limit has been reached for any printer.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQSB

---

### EZY0968I Queue Manager QDEPTH changed

**Explanation:** QDEPTH has been changed to the new value specified.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQSB

---

---

**EZY0970I** *yy/ddd hh:mm:ss REC data\_set\_name majorname minorname #recs #dests*

**Explanation:** An entire print file has been received by NPF and queued under the indicated data set name. Fields in the message are as follows:

**yy/ddd hh:mm:ss**

Julian date and time.

**majorname**

For VTAM, the SLU name. For JES, the jobname.

**minorname**

For VTAM, the PLU name. For JES, the username.

**#recs** Number of records in the file.

**#dests** Number of destinations to which the file will be sent.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCTR

---

**EZY0971I** *yy/ddd hh:mm:ss SND data\_set\_name printqueue host RC00000 rcdaction datasetaction*

**Explanation:** An attempt to send the print file for the specified data set to LPD for printing has been successful. Fields in the message are as follows:

**yy/ddd hh:mm:ss**

Julian date and time.

**printqueue**

The print queue name (truncated to 10 bytes, if necessary).

**host** The TCPIP host name or IP address (truncated to 30 bytes, if necessary).

**RC00000**

Indicates an LPR return code = 0.

**Note:** RC50xx is a return code presented from LPR. For additional documentation, invoke LPR with the trace option specified against the dataset *data\_set\_name* referred to in the message.

**rcdaction**

The following actions can occur:

- QUE (queue) indicates that a queue file record has been created/updated to allow future retries of the send operation by the NPF queue manager.
- DEL (delete) indicates that the queue file record has been deleted.
- QER (queue error) indicates an error occurred while writing a queue file record. The data has been kept to allow future retries of the send operation through manual invocation of LPR. The NPF queue manager is unable to take any further action.

**datasetaction**

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCTR

---

## EZY0972E

---

**EZY0972E** *yy/ddd hh:mm:ss SND data\_set\_name printqueue host errcode rcdaction datasetaction*

**Explanation:** An attempt to send the print file for the specified data set to the line printer daemon (LPD) for printing has ended with an error or abend indication.

In the message text:

*yy/ddd hh:mm:ss*

Julian date and time.

*data\_set\_name*

The name of the data set.

*printqueue*

The print queue name (truncated to 10 bytes, if necessary).

*host*

The TCPIP host name or IP address (truncated to 30 bytes, if necessary).

*errcode* The following types of errors can occur:

- AB00aaa where aaa = system abend code from the line printer control program and spooler (LPR) in hex.
- ATTFAIL indicates that an ATTACH of EZAPPLPR failed.
- RCrrrrr, where rrrrr is 5000 or greater, is a decimal return code generated by LPR; the *errcode* value is one of the following:

**5011** See the last EZB0965E message. The data set or file name might be missing from the LPR command.

**5012** See the last EZB0970E message. Data set organization might be incorrect.

**5013** See the last EZB0968E message. Unable to allocate data set. Attributes might be incorrect or the data set is inaccessible.

**5014** See the last EZB0967E message. Unable to access the data set or member.

**5015** Check for message EZB0969E. LPR's ProcessOperand routine was unable to allocate a data set. Attributes might be incorrect or the data set is inaccessible. The member might not be found.

**5016** Error detected when processing the LPR options that were passed. Check for the last error messages in the LPR trace.

**5017** Check for message EZB0923E, EZB0912E, or EZB0914E. The printer name, the host name, or both are missing.

**5018** Check for message EZB1016E, EZB0953E, EZB0957E, or EZB0959E. LPR did not receive a positive acknowledgment from the print server for the latest command that was sent. One of these messages in the LPR trace will also show the last command that failed to receive the positive acknowledgment.

**5019** Check for message EZB0951E. LPR tried to send the control file command, but did not receive a positive acknowledgment.

**5020** Check for message EZB0939E or EZB0919E. The error might be caused by an incorrect or unknown userID, HostName, DomainName, or TcpIpServiceName parameter, or one of the parameter values sent in the LPR command, such as the IP address. LPR can also end with this return code if the failure is in the ProcessArguments routine of LPR.

**5021** Check for message EZB1026E. The printer name might be unknown or incorrectly defined. Check the printer defined in LPR/NPF or the printer defined to the LPD print server or both.

**5022** Check message EZB0940E. LPR is unable to connect to the specified TCP/IP host. The GetHostn call failed to identify the host. If LPR was issued from batch, the IEF142I message indicates Cond Code = 0926 (5022 minus 4096).

*rcdaction*

The following actions can occur:

- QUE (queue) indicates that a queue file record has been created/updated to allow future retries of the send operation by the NPF queue manager.
- DEL (delete) indicates that the queue file record has been deleted.

- QER (queue error) indicates an error occurred while writing a queue file record. The data has been kept to allow future retries of the send operation through manual invocation of LPR. The NPF queue manager is unable to take any further action.

*datasetaction*

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

**System action:** Processing continues.

| **Operator response:** Contact the system programmer.

| **System programmer response:** If the *errcode* value is RCrrrrr, where rrrrr is less than 5000, see the sockets return codes (ERRNOs) information in *z/OS Communications Server: IP and SNA Codes* for a description of the errors.

If the *errcode* value is RCrrrrr, where rrrrr is 5000 or greater, see the *errcode* description in the explanation for the list of error codes.

If the cause of the error cannot be determined, obtain an LPR trace using the data set name specified in this message to gather more detailed diagnostics.

**Module:** EZAPPCTR

EZY0973I yy/ddd hh:mm:ss PRG data\_set\_name printqueue host rcdstate rcdaction datasetaction

**Explanation:** The NPF queue manager has purged a record from the queue file for one of the following reasons:

- RETAIN(S) retain time expired after a successful transmission.
- RETAIN(U) retain time expired after all retries were exhausted for an unsuccessful transmission.
- A record was marked for deletion by the NPF panel operator.
- The end-of-set (state=X) record was found to be the only remaining record for a multi-destination routing.

The NPF queue manager might also have deleted the print data set specified by the purged queue file record:

- For a single-destination routing, the print data set is deleted when the one queue file record for that routing is purged.
- For a multi-destination routing, the print data set must be retained until all the queue file records for that routing can be processed. Only when the last of these queue file records is purged is the print data set deleted.

Fields in the message are as follows:

**yy/ddd hh:mm:ss**

Julian date and time.

**printqueue**

The print queue name (truncated to 10 bytes, if necessary), or blank (for rcdstate=X only).

**host** The TCPIP host name or IP address (truncated to 30 bytes, if necessary), or blank (for rcdstate=X only).

**rcdstate**

The state of the queue file record at the time it was purged:

- T - successfully transmitted
- U or R- unsuccessful
- D - deletion requested by operator
- X - end-of-set record for a multi-destination routing

**rcdaction**

DEL indicates that the queue file record has been deleted.

**datasetaction**

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCTR

## EZY0974I

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**EZY0974I** Queue Manager reached QDEPTH for: *printq* at *host*

**Explanation:** The QDEPTH limit specified has been reached for the printer displayed in the message.

**System action:** Processing continues.

**Operator response:** Investigate why the printer queue reached its limit. Possible reasons include:

- The printer is not ready to print.
- An unusually large number of print data sets has been sent to the printer within a relatively short period of time.

**System programmer response:** None.

**Module:** EZAPPQSA

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## Chapter 2. EZY1xxxx messages

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**EZY1020E** *hh:mm:ss.th* **Line** *linenum*: *error\_description* - '*token*'

**Explanation:** An error was encountered while processing a statement in the configuration data set. The line number of the statement in error is given by *linenum*. The message includes a description of the error and *token* identifies the specific text that is in error. Explanations of the errors described by *error\_description* are:

**Required valid statement absent**

The end of the data set was reached and a valid instance of a required statement was not found. If the statement was present but contained an error, it will have already been flagged by a message.

The missing statement type is identified by *token*. The required statement types are: TCPIP, LISTENER, and TRANSACTION.

**Required parameter missing or incorrect**

A required parameter was not specified or was specified incorrectly. The name of the required parameter is identified by *token*.

The statement is ignored.

**Prior statement conflict**

The parameters specified on the TRANSACTION statement encountered on line *linenum* conflict with parameters specified on a previous TRANSACTION statement. The NAME parameter on both statements, identified by *token*, was the same, but the other parameters were different.

The transaction definition is removed from the set of transactions that can be started by the Listener.

**Redeclaration of prior statement**

The TRANSACTION statement encountered on line *linenum*, with NAME *token*, is the same as a previous TRANSACTION statement.

The current statement is ignored.

**No parameter keyword**

The parameter *token* has been specified without an identifying keyword and therefore cannot be recognized. The parameter is ignored.

**No parameter value**

The parameter *token* does not specify a value when one is required.

The parameter is ignored.

**Unknown statement keyword**

The statement type given by *token* is unknown. Valid statement types are: TCPIP, LISTENER, and TRANSACTION.

The statement is ignored.

**Unknown parameter keyword**

The parameter *token* specifies an unknown parameter keyword for this statement type.

The parameter is ignored.

**IMPLICIT or EXPLICIT required**

The parameter *token* contains an incorrect value for the transaction type.

The parameter is ignored.

**Expected statement**

The statement type *token* was expected on this line but another statement was encountered.

The configuration file is declared incorrect and, after parsing the remaining lines, the Listener ends.

**Unexpected statement**

The statement type *token* encountered on this line was unexpected. This type of statement is not valid at this position in the file.

## EZY1021I

The statement is ignored.

### Maximum count exceeded

The current statement is a TRANSACTION statement and this statement has caused the number of these statements to exceed the limit specified by the MAXTRANS parameter of the LISTENER statement. The value that was specified is displayed by message EZY1021I, which is issued after this message.

The statement is ignored.

### Value too long

The parameter value specified in *token* has a length that exceeds the maximum expected length for this parameter. The maximum expected length is displayed by message EZY1021I, which is issued after this message.

The parameter is ignored.

### Invalid character

The parameter value specified in *token* contains a character that is not valid for this parameter such as an alphabetic character where a numeric value is required.

The parameter is ignored.

### Value outside valid range

The parameter value in *token* specifies a numeric value which falls outside the allowed range of values. The allowed maximum and minimum values for this parameter are specified by messages EZY1021I and EZY1022I respectively, which are issued after this message.

The parameter is ignored.

### Prior parameter conflict

The parameter value specified in *token* conflicts with a previous specification of this parameter on this statement.

If the parameter is mandatory then the statement is ignored. Otherwise, all definitions of this parameter are ignored.

### Prior conflicting parameters

The parameter *token* has already been specified more than once on this statement, and these specifications were in conflict with each other.

If the parameter is mandatory, then the statement is ignored. Otherwise, all definitions of this parameter are ignored.

### Redeclaration of parameter

The parameter *token* has already been specified on this statement, but the values are the same.

The statement is valid. This message can be avoided by specifying each parameter only once on a statement.

**System action:** The entire configuration file is parsed and errors reported. If there are sufficient valid statements to specify all the configuration options, then the Listener continues, otherwise it ends.

**Operator response:** Edit the configuration file and respecify the statements in error.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** *varies*

---

**EZY1021I** *hh:mm:ss.th* **Maximum:** *max*

**Explanation:** This message is issued after message EZY1020E to identify the maximum allowed value for the parameter specified in that message.

**System action:** See message EZY1020E for more information.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS



**Procedure Name:** PRSCFG, ProcessParam

**EZY1022I** *hh:mm:ss.th* **Minimum:** *min*

**Explanation:** This message is issued after message EZY1020E to identify the minimum allowed value for the parameter specified in that message.

**System action:** See message EZY1021E for more information.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** ProcessParam

**EZY1023E** *hh:mm:ss.th* **File** *errtype* **error on** *ddname*, **RC=***rc*

**Explanation:** An I/O error occurred while accessing a file with the DDNAME *ddname*. The I/O activity is given by *errtype* and is one of the following:

OPEN  
CLOSE  
GET  
PUT

Additional information about the error can be obtained from *rc* which has the following values and associated meanings:

- |   |  |
|---|--|
| 1 | Internal error.  |
|   | Return value for an end of file. Used internally and is not an error. If this value is displayed with this message then a program logic error has occurred.  |
| 2 | File ABEND exit routine invoked.   |
| 3 | File SYNAD exit routine invoked.   |
| 4 | Internal error.  |
|   | This return code indicates that a GET or PUT has been performed on a file that has not been opened successfully. If this value is displayed with this message then a program logic error has occurred. |
| 5 | The record format for the file is not one of the supported types: FIXED or VARIABLE.   |
| 6 | Internal error.  |
|   | A file structure pointer is not referencing a valid file structure. If this value is displayed with this message then a program error has occurred.  |
| 7 | Error occurred while closing the file.   |
| 8 | The <i>ddname</i> is not defined.  |

**System action:** The system action depends on *errtype* as follows:

**Error Description**

**OPEN** The Listener opens the configuration file for input and the message log for output. If either file cannot be opened, the Listener ends.

**Procedure Name:** main, PRSCFG

**CLOSE** Errors associated with closing a file are ignored and processing continues.

**Procedure Name:** main, PRSCFG

**GET** If a GET error occurs before the Listener has been able to retrieve sufficient valid configuration statements to define all the configuration options, the Listener ends. Otherwise processing continues.

**Procedure Name:** PRSCFG

**Operator response:** Take appropriate action based on *errtype* such as specifying the correct *ddnames* or specifying files with the correct attributes.

**System programmer response:** Assist the user as required.

## EZY1024I • EZY1025W

**Module:** EZAIMSPS

**Procedure Name:** See the explanation above.

---

**EZY1024I** *event at hh:mm:ss.th on yyddd*

**Explanation:** One of the following events occurred at the date and time specified.

**Listener invoked**

The Listener has started, and configuration file processing is about to commence.

**Procedure Name:** main

**Listener ended**

The Listener has ended. Termination might have been initiated because of an operator request or because of errors. If an error condition caused the termination, the error will be described in a preceding message.

**Procedure Name:** main

**No available sockets**

The Listener currently has connections open on all the sockets obtained at startup as specified by the MAXACTSKT parameter of the LISTENER statement. The connection that has been requested by a client will only be accepted when a socket becomes available.

**Procedure Name:** ListenProcess

**Security exit rejection**

The user-supplied security exit has rejected a request. Further information about the client that initiated the request is supplied by messages EZY1031W, EZY1032I, and EZY1033I, which are issued after this message.

**Procedure Name:** ReadTRMPProcess

**System action:** The system continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** See the explanation above.

---

**EZY1025W** *hh:mm:ss.th description: Code=rc*

**Explanation:** A system error has occurred. The nature of the error is given by *description*. The error is one of the following:

**No storage available**

A GETMAIN call, which is used to obtain storage for the TRANSACTION statements, has returned an error.

Refer to the GETMAIN macro description for an explanation of the return code *rc*.

**Procedure Name:** main, ListenProcess, PRSCFG

**Memory deallocation unsuccessful**

A FREEMAIN call has returned an error as evidenced by the return code.

Refer to the FREEMAIN macro description for an explanation of the return code *rc*.

**Procedure Name:** ReleaseProcess

**CIB free unsuccessful**

The START command CIB was not freed.

No action is required.

**Procedure Name:** main

**Ignored unknown command**

The listener received an unknown command. The command is ignored and processing continues.

**Procedure Name:** main

**System action:** GETMAIN errors cause the Listener to end while FREEMAIN and CIB free errors are ignored as they might only occur during Listener shutdown.

**Operator response:** Refer to the GETMAIN or FREEMAIN documentation and take action as indicated, such as increasing the region size.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** See the explanation above.

**EZY1026E** *hh:mm:ss.th socket\_error, socket\_\_call* **ERRNO=errno**

**Explanation:** An error occurred during a socket call. The Listener processing at the time of the error and the socket call are given by *socket\_error* and *socket\_call*.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

A description of each of the errors is given below:

**Unable to accept new connection, ACCEPT**

An error occurred when the Listener attempted to complete a connection in response to a connection request from a client.

**Procedure Name:** ListenProcess

**Unsuccessful binding to communication port, BIND**

The Listener was unable to bind the port that it is to use for accepting connection requests from clients. The port is specified by the PORT parameter of the LISTENER statement.

**Procedure Name:** main

**Socket CLOSE error:**

An error occurred when the Listener attempted to close a connection.

**Procedure Name:** ListenProcess, ReleaseProcess

**Error transferring connection to server, GIVESOCKET**

An error occurred when the Listener attempted to pass control of the client connection to the server.

**Procedure Name:** CreServPro

**Failed to connect to TCPIP address space, INITAPI**

An error occurred while attempting to connect to the TCPIP address space. The TCPIP address space that is used is specified by the ADDRSPC parameter on the TCPIP statement.

**Procedure Name:** main

**Failed setting socket to listen mode, LISTEN**

The LISTEN call, used to enable the socket connected to the listening port for incoming connections, resulted in an error.

**Procedure Name:** main

**Socket READ error:**

An error occurred when the Listener attempted to receive data sent from a client program. Further information about the client is provided by message EZY1032I, which is issued after this message.

**Procedure Name:** ReadInputProcess, ReadTRMProcess

**Error waiting for communications event, SELECT**

The SELECT call, used to wait for connection requests and data for implicit transactions, has resulted in an error.

**Procedure Name:** main

**Failed to obtain a socket to listen on, SOCKET**

The Listener failed to acquire a socket for binding to the listening port.

**Procedure Name:** main

## EZY1027W • EZY1028W

### Server failed to take connection, TAKESOCKET

The Listener issued a GIVESOCKET and the server failed to issue a corresponding TAKESOCKET.

**Note:** ERRNO is not applicable to this error.

### Socket WRITE error:

An error occurred when the Listener attempted to send data to a client program.

**Procedure Name:** WriteRSMProcess

**System action:** The system action depends on the error. If the error occurs during startup processing or during a SELECT call, the Listener ends. Otherwise, the connection that received the error is closed.

**Operator response:** For errors encountered during startup processing, check that the configuration file TCPIP and LISTENER parameters are correct. Otherwise, proceed based on the value of *errno*.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** See the explanation above.

---

### EZY1027W *hh:mm:ss.th* Unexpected condition on socket connection

**Explanation:** An unexpected exception condition or socket closure was detected on a socket connection while receiving data. Further information about the client is provided by message EZY1032I, which is issued after this message.

**System action:** The connection is closed.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** ReadInputProcess, SelectResponse, ReadTRMProcess

---

### EZY1028W *hh:mm:ss.th description*

**Explanation:** A condition as described by *description* was detected by the Listener. The conditions are:

#### Invalid request received

A connection was accepted from a client, but the data received could not be interpreted as a transaction request message (TRM) segment.

The Listener sends a request status message (RSM) segment to the client and then closes the connection.

**Procedure Name:** ReadTRMProcess

#### Unknown transaction requested

The Transaction Request Message segment from a client specified a transaction that has not been defined to the Listener. Transactions are defined in the configuration file using TRANSACTION statements.

The Listener sends a request status message (RSM) segment to the client and then closes the connection.

**Procedure Name:** ReadTRMProcess

#### Buffer limit reached

The amount of data sent by a client for an implicit transaction has exceeded 32KB (including segment lengths and reserved bytes).

The Listener sends a request status message (RSM) segment to the client and then closes the connection.

**Procedure Name:** ReadInputProcess

#### IMS rollback performed

The Listener received a nonsuccessful status code when issuing an IMS™ call to build the IMS message for the requested transaction. The message has been removed by issuing a rollback call. This message will follow another message that has identified the cause of the error.

The Listener sends a request status message (RSM) segment, to the client, if possible, and then closes the connection. Sending the RSM is possible only if the error is detected before the GIVESOCKET call has been issued to pass the socket to the server.

**Procedure Name:** CreateServerProcess

***numsktreq* sockets requested, *numsktalloc* sockets allocated**

The configuration file specified that *numsktreq* sockets be allocated to process connections; however, only *numsktalloc* sockets were made available by the socket interface. The number of sockets requested is specified by the MAXACTSKT parameter of the LISTENER statement.

**Procedure Name:** main

**System action:** The system action is as indicated with each of the above entries.

**Operator response:** Refer to the associated messages, EZY1032I and EZY1033I, which are issued in conjunction with this message to identify the client.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** See the explanation above.

**EZY1029E** *hh:mm:ss.th error\_description, IMS\_function STATUS='status'*

**Explanation:** The unsuccessful status code *status* was returned in response to an IMS/DC call. A description of the Listener processing at the time of the error and the IMS call function are given by *error\_description* and *IMS\_function* and are described below. This message appears with messages EZY1032I and EZY1033I, which provide further information about the client.

**Error setting message destination, CHNG**

The Listener attempted to set the destination of an alternate PCB to the transaction code specified in the transaction request message (TRM) segment in preparation for starting the transaction.

**Procedure Name:** CreateServerProcess

**Error placing data onto transaction input queue, ISRT**

The error occurred while inserting either the transaction initiation message (TIM) segment or a data segment if it was an implicit transaction.

**Procedure Name:** CreateServerProcess

**Error committing transaction message, SYNC**

The Listener had successfully inserted the message segments for the requested transaction but encountered the error when issuing the SYNC call.

**Procedure Name:** CreateServerProcess

**Error rolling back transaction message, ROLB**

The Listener encountered the error on a rollback call it issued to remove a message that it was creating when it encountered an error as described by the above two reasons.

**Procedure Name:** CreateServerProcess

**System action:** Except for an error caused by a SYNC call, a request status message (RSM) segment indicating an IMS error is sent to the client and the connection is closed. For an error on the SYNC call, the Listener closes the connection. Sending the RSM is possible only if the error is detected before the GIVESOCKET call has been issued to pass the socket to the server. This call is issued just prior to the SYNC call.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** See the explanation above.

## EZY1030E • EZY1034I

---

**EZY1030E** *hh:mm:ss.th* **Program Error #xx**

**Explanation:** An internal program error has occurred.

**System action:** The Listener ends.

**Operator response:** Record the number *xx* and contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** SelectResp

---

**EZY1031W** *hh:mm:ss.th* **Security exit RC=*rc*, Reason=*rsn***

**Explanation:** The user-supplied security exit has rejected a request. This message appears with messages EZY1032I and EZY1033I, which provide further information about the client.

**System action:** The Listener sends a request status message (RSM) segment to the client and closes the connection.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** ReadTRMProcess

---

**EZY1032I** *hh:mm:ss.th* **Peer: *ipaddress***

**Explanation:** This message appears with other messages to further identify the client by providing the client's IP address.

**System action:** See other messages.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** Various.

---

**EZY1033I** *hh:mm:ss.th* **Transaction: *tran\_code***

**Explanation:** This message appears with other messages to further identify the client by printing the transaction code *tran\_code* that was requested by the client.

**System action:** See other messages.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS

**Procedure Name:** Various.

---

**EZY1034I** *hh:mm:ss.th* **AIB error: Retrn=*xxxx* Reasn=*yyyy***

**Explanation:** The Listener detected an error when using the AIB interface to check the status of a requested transaction.

**System action:** The Listener sends a request status message (RSM) segment to the client and closes the connection.

**Operator response:** Refer to the section on AIB INQY call in *IMS/ESA Application Programming: DL/I Calls* for an explanation of the return and reason codes. See messages EZY1032I and EZY1033I for further information about the client.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** CreateServerProcess

---

**EZY1035I** *hh:mm:ss.th tran\_code* is unavailable or unknown

**Explanation:** The transaction *tran\_code* that has been requested by a client is currently unavailable or is unknown to IMS. See messages EZY1032I and EZY1033I for further information about the client.

**System action:** The Listener sends a request status message (RSM) segment to the client and closes the connection.

**Operator response:** Make sure that a client program requests a transaction that has been defined to IMS.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** CreateServerProcess

---

**EZY1120E** No TYPE specified

**Explanation:** The EZASMI macro requires a TYPE parameter. None was specified.

**System action:** The system ends macro generation.

**Operator response:** Specify a TYPE parameter on the EZASMI macro.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .TYP0

---

**EZY1121E** TYPE parameter is invalid

**Explanation:** The TYPE parameter specified for this macro is not valid.

**System action:** The system ends macro generation.

**Operator response:** Specify a valid TYPE for the macro and reissue the macro. See the *z/OS Communications Server: IP Programmer's Guide and Reference* for information about the macro and values for the TYPE parameter.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .TYP42

---

**EZY1122E** PPPP parameter required for type TTTT

**Explanation:** The parameter PPPP is required for the EZASMI macro when type TTTT is specified.

**System action:** The system ends macro generation.

**Operator response:** Refer to *z/OS Communications Server: IP Programmer's Guide and Reference* to determine the valid parameters for the macro type you specified.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .PG01L1, .PG03L1, .PG04L1, .PG05L1, .PG06L1, .PG07L1, .PG08L1, .PG08OKC, .PG08OKD, .PG08END, .PG09L1, .PG10L1, .PG11L1, .PG11OKD, .PG13L1, .PG13OKB, .PG14L1, .PG15L1, .PG15OKB, .PG18L1, .PG19L1, .PG19OKD, .PG20L1, .PG21A2, .PG21A3

---

## EZY1123W • EZY1127E

---

### EZY1123W PPPP parameter invalid for type TTTT

**Explanation:** The parameter PPPP is not required for the EZASMI macro when type TTTT is specified. It is ignored.

**System action:** Macro generation continues.

**Operator response:** Refer to *z/OS Communications Server: IP Programmer's Guide and Reference* to determine the valid parameters for the macro type you specified.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .TYP50, .PG01END, .PG02END, .PG03END, .PG04N1, .PG04END, .PG05END, .PG06END, .PG07END, .PG08OKA, .PG08OKB, .PG09L0, .PG09END, .PG10END, .PG11OKA, .PG11OKB, .PG11OKC, .PG11END, .PG12END, .PG13OKA, .PG13END, .PG14END, .PG15OKA, .PG15END, .PG16END, .PG17OKA, .PG17OKB, .PG17OKC, .PG17OKD, .PG17OKE, .PG17OKF, .PG17END, .PG18END, .PG19OKA, .PG19OKB, .PG19END, .PG20END, .PG21A1

---

### EZY1124E xRETMSK Required if xSNDMSK specified

**Explanation:** On the SELECT, if a send mask is specified for read, write, or exception, the return mask must be specified for the same function.

**System action:** The system ends macro generation.

**Operator response:** Specify the return mask for the read, write, or exception function for which a send mask was specified.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .SELF4, .SELG4, .SELH4

---

### EZY1125E Invalid AF specified, INET assumed

**Explanation:** A literal specified for AF on the SOCKET function is not valid. The macro assumed AF=INET.

**System action:** The system ends macro generation.

**Operator response:** The literal for AF on the SOCKET function must be either INET or IUCV.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .SOCA01

---

### EZY1126E ECB not permitted for INITAPI

**Explanation:** The ECB parameter is not permitted for TYPE=INITAPI.

**System action:** The system ends macro generation.

**Operator response:** Remove the ECB parameter and reissue the macro.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .INI0

---

### EZY1127E Invalid literal specified for PPPP

**Explanation:** The literal specified for parameter PPPP is not a valid value.

**System action:** The system ends macro generation.

**Operator response:** Refer to *z/OS Communications Server: IP Programmer's Guide and Reference* for the valid parameter values.



**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .FCNC01, .GSON05, .IOCC0E, .RCFF1, .SNDF1, .SDBT01, .SSON05

---

**EZY1128E Invalid socket type specified, STREAM assumed.**

**Explanation:** The socket type specified for a TYPE=SOCKET macro is not valid. SOCTYPE=STREAM is assumed.

**System action:** The system ends macro generation.

**Operator response:** Valid values for the SOCTYPE parameter are STREAM, DATAGRAM, and RAW.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .SOCCT3

---

**EZY1129E No ECB specified for SYNC**

**Explanation:** The TYPE=SYNC requires an ECB parameter.

**System action:** The system ends macro generation.

**Operator response:** Specify an ECB parameter on the TYPE=SYNC request and reissue the macro.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .ECB1

---

**EZY1130E Invalid value for label**

**Explanation:** The label specified is not a valid assembler label.

**System action:** The system ends macro generation.

**Operator response:** Specify a label that is a maximum of eight characters in length.

**System programmer response:** None.

**Module:** EZASMI

**Procedure Name:** .N0003

---

**EZY1218E** *mm/dd/yy hh:mm:ss* **PROGRAM** *programname* **DISABLED** **TRANID=** *transactionid* **PARTNER** **INET**  
**ADDR=***inetaddress* **PORT=***portnumber*

**Explanation:** The Listener checked the status of the program associated with the transaction. It was not enabled.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*programname* is the name of the program that is associated with the transaction requested by the connecting client.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Listener continues.

**Operator response:** Use CEMT to determine and correct the status of the program.

**System programmer response:** None.

**Module:** EZACIC02

## EZY1219E • EZY1221E

**Procedure Name:** LISTENER

---

**EZY1219E** *mm/dd/yy hh:mm:ss* UNEXPECTED *eventtype* EVENT IN LISTENER *transactionid* FROM CLIENT IP ADDRESS *ipaddress* PORT *portnumber*

**Explanation:** The CICS Listener was notified about an unexpected event.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*eventtype* is the type of event: READ, WRITE, or EXCEPTION.

*transactionid* is the name of the Listener's CICS transaction.

*ipaddress* is the remote IP address of the client.

*portnumber* is the remote port number of the client.

**System action:** The Listener closes the connection and continues processing.

**Operator response:** Contact the system programmer.

**System programmer response:** If the event type is EXCEPTION, investigate whether or not the client is attempting to send out-of-band data. If necessary, have the client avoid sending out-of-band data. If the event type is not EXCEPTION or the client is not attempting to send out-of-band data, then contact the IBM Software Support Center.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1220E** *mm/dd/yy hh:mm:ss* READ FAILURE ON CONFIGURATION FILE PHASE=*phase* EIBRESP2=*response*

**Explanation:** EZACIC21 was unable to read the IP CICS Sockets configuration file, EZACONFG.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*phase* is the IP CICS Sockets initialization phase.

*response* is the response from CICS when reading the IP CICS Sockets configuration file.

**System action:** If the ABEND code is AEXY, then the listener ends normally. Otherwise, the listener ends with an ABEND code of EZAL.

**Operator response:** Notify the CICS system programmer.

**System programmer response:** Use the EIBRESP2 value to determine the problem and correct the file. See the *CICS Application Programming Reference* for information about EIBRESP2 values. If the EIBRESP2 value is zero, then the EZACONFG file has been defined as remote. If this is the configuration file you want, then verify that no CICS Sockets programs can run directly in the file owning region. This can cause the file to become disabled. Ensure that EZACIC20 is not in the file owning region PLT, and that the EZAC and EZAO transactions are unable to run directly in the file owning region. Attempts to open the file will fail if the file is defined with a value of YES specified in the ADD, DELETE, or UPDATE parameters in the CICS file definition in more than one CICS region.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1221E** *mm/dd/yy hh:mm:ss* CICS SOCKETS ENABLE FAILURE EIBRCODE BYTE2 = *resp\_code*

**Explanation:** The attempt to enable the task related user exit (TRUE) failed.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*resp\_code* is the CICS response code from attempting to enable IP CICS Sockets Task Related User Exit (TRUE).

**System action:** Terminate the transaction.

**Operator response:** Notify the CICS system programmer.

**System programmer response:** Use the EIBRESP2 value to determine the problem and correct the file. An EIBRCODE BYTE2 value of 20 indicates the TRUE is already enabled. This will occur if you disable the interface using EZAO,STOP,CICS transaction and then immediately issue EZAO,START,CICS transaction before the Task Related User Exit (TRUE) is completely disabled from the previous EZAO,STOP,CICS transaction. See the *CICS Application Programming Reference* for information about EIBRCODEs.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1222E** *mm/dd/yy hh:mm:ss* CICS/SOCKETS REGISTRATION FAILURE RETURN code= *return\_code*

**Explanation:** The attempt to register the CICS Sockets Feature to z/OS failed.

**System action:** Terminate the transaction.

**Operator response:** Contact your System Administrator.

**System programmer response:** See the *z/OS MVS Programming: Product Registration* for information about the values for *return\_code*.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1223E** *mm/dd/yy hh:mm:ss* CICS/SOCKETS ATTACH FAILURE RETURN CODE = *return\_code* REASON CODE = *reason\_code*

**Explanation:** An attempt to attach one of the pool subtasks failed.

**System action:** Stop attaching pool subtasks. The size of the pool is determined by the number of subtasks successfully attached.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** See the *z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN* for information about the values for *return\_code* and *reason\_code* and make appropriate adjustments to your CICS environment.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1224I** *mm/dd/yy hh:mm:ss* CICS/SOCKETS INITIALIZATION SUCCESSFUL USING *tasking\_method*

**Explanation:** The CICS socket interface has completed initialization successfully.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*tasking\_method* is the tasking method used to support the EZASOKET calls. The possible methods are:

**Reusable MVS subtasks**

Signifies that the IP CICS socket interface is using MVS subtasks from the pool generated according to the value specified on the NTASKS configuration parameter.

**Non-reusable MVS subtasks**

Signifies that the IP CICS socket interface is attaching an MVS subtask for each IP CICS Sockets-enabled application because NTASKS=0.

**Open Transaction Environment**

Signifies that the IP CICS socket interface is enabled to use CICS Open Transaction Environment. All EZASOKET calls will be processed on an Open API, L8, TCB. Programs calling EZASOKET should be coded to threadsafe programming standards and defined to CICS as CONCURRENCY(THREADSAFE) to benefit from this environment.

**System action:** Continue with execution.

## EZY1225E • EZY1228E

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1225E** *mm/dd/yy hh:mm:ss* **STARTBR FAILURE ON CICS/SOCKETS CONFIGURATION FILE PHASE=xx**  
**EIBRESP2=rrrrrr**

**Explanation:** The STARTBR command used for the configuration file has failed.

**System action:** Terminate the transaction.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Use the EIBRESP2 value to determine the problem. Check the CICS definition of the Configuration file to ensure the browse operation is permitted. See the *CICS Application Programming Reference* for information about EIBRESP2 values.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1226E** *mm/dd/yy hh:mm:ss* **READNEXT FAILURE ON CICS/SOCKETS CONFIGURATION FILE PHASE=xx**  
**EIBRESP2=rrrrrr**

**Explanation:** The READNEXT command used for the configuration file has failed.

**System action:** Terminate the transaction.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Use the EIBRESP2 value to determine the problem. Check the CICS definition of the Configuration file to ensure the browse operation is permitted. See the *CICS Application Programming Reference* for information about EIBRESP2 values.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1227E** *mm/dd/yy hh:mm:ss* **CICS/SOCKETS INVALID LISTENER TRANID = tran**

**Explanation:** The Listener transaction *tran* was not defined to CICS.

**System action:** Terminate Listener Initialization.

**Operator response:** Use CICS facilities to define the Listener transaction and program. Then use EZAO to start the Listener.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1228E** *mm/dd/yy hh:mm:ss* **CICS/SOCKETS LISTENER TRANSACTION tran DISABLED**

**Explanation:** The Listener transaction *tran* could not be started because it was disabled.

**System action:** Terminate Listener Initialization.

**Operator response:** Use CICS facilities to enable the transaction and then start the Listener using EZAO.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

EZY1229E *mm/dd/yy hh:mm:ss* CICS SOCKETS LISTENER TRANSACTION *tran* NOT AUTHORIZED

**Explanation:** The Listener transaction *tran* could not be started because it was not authorized.

**System action:** Terminate Listener Initialization.

**Operator response:** Use CICS facilities to authorize starting the Listener transaction and then start the Listener using EZAO.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

EZY1246E *mm/dd/yy hh:mm:ss* CICS SOCKETS LISTENER PROGRAM ID *mmmmmmmmmm* INVALID

**Explanation:** The Listener transaction could not be started because program *mmmmmmmmmm* is not defined.

**System action:** Terminate Listener Initialization.

**Operator response:** If the program ID is correct, use CICS facilities to define it. If it is not correct, use the EZAC transaction to correct the CICS Sockets Configuration file.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

EZY1247E *mm/dd/yy hh:mm:ss* CICS SOCKETS LISTENER PROGRAM ID *mmmmmmmmmm* DISABLED

**Explanation:** The Listener transaction could not be started because program *mmmmmmmmmm* is disabled.

**System action:** Terminate Listener Initialization.

**Operator response:** Use CICS facilities to enable the program and then use EZAO to start the Listener.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

EZY1250E *mm/dd/yy hh:mm:ss* CICS/SOCKETS LISTENER *tran* NOT ON CONFIGURATION FILE

**Explanation:** The Listener transaction *tran* is not defined on the CICS Sockets configuration file.

**System action:** Terminate Listener Initialization.

**Operator response:** If the Listener transaction name is correct, use the EZAC transaction to define it on the CICS Configuration file. If the name is not correct, correct it on the EZAO transaction.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

EZY1251E *mm/dd/yy hh:mm:ss* CICS SOCKETS MODULE *mmmmmmmmmm* ABEND *xxxx*

**Explanation:** The CICS Sockets module *mmmmmmmmmm* has abended.

**System action:** Terminate the transaction.

**Operator response:** Contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

## EZY1252E • EZY1256E

---

**EZY1252E** *mm/dd/yy hh:mm:ss* **UNABLE TO LOAD EZASOH03 ERROR CODE=** *error\_code* **REASON CODE=** *reason\_code*

**Explanation:** During CICS Sockets initialization, the attempt to load module EZASOH03 failed.

**System action:** Terminate Initialization.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** See the *z/OS MVS Programming: Authorized Assembler Services Reference LLA-SDU* for information about the values for *error\_code* and *reason\_code* to determine why the module would not load. Also, look for associated MVS messages.

**Module:** EZACIC21

---

**EZY1253E** *mm/dd/yy hh:mm:ss* **CICS/SOCKETS LISTENER** *tran* **NOT ON CONFIGURATION FILE**

**Explanation:** An EZAO STOP LISTENER transaction was run with an invalid Listener name.

**System action:** Present the panel to correct the name.

**Operator response:** Correct the name and retry termination.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

---

**EZY1254E** *mm/dd/yy hh:mm:ss* **CACHE FILE ERROR RESP2 VALUE \*\*\*\*\* CALL # \***

**Explanation:** An error occurred on a cache file operation.

**System action:** Return to the calling program with an error response.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Use the RESP2 value to determine the error and correct the cache file. See the *CICS Application Programming Reference* for information about RESP2 values.

**Module:** EZACIC25

**Procedure Name:** DOMAIN NAME SERVER FUNCTION

---

**EZY1255E** *mm/dd/yy hh:mm:ss* **TEMPORARY STORAGE ERROR RESP2 VALUE \*\*\*\*\* CALL # \***

**Explanation:** An error occurred on a temporary storage operation in EZACIC25.

**System action:** Return to the calling program with an error response.

**Operator response:** Use the RESP2 value to determine the error. Contact the IBM Software Support Center. See the *CICS Application Programming Reference* for information about RESP2 values.

**System programmer response:** None.

**Module:** EZACIC25

**Procedure Name:** DOMAIN NAME SERVER FUNCTION

---

**EZY1256E** *mm/dd/yy hh:mm:ss* **CICS SOCKETS INTERFACE NOT ENABLED PRIOR TO LISTENER STARTUP**

**Explanation:** An attempt to start a Listener was made when the CICS socket interface was inactive.

**System action:** Return error and terminate transaction EZAO.

**Operator response:** Use transaction EZAO to start the CICS socket interface prior to starting the Listener.

**System programmer response:** None.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

---

**EZY1258I** *module* ENTRY POINT IS *address*

**Explanation:** This message displays the entry point address of a module.

*module* is the name of the module.

*address* is the entry point address of the module.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC01, EZACIC02

---

**EZY1259E** *mm/dd/yy hh:mm:ss* IOCTL CALL FAILURE TRANSACTION=*transactionid* TASKID=*tasknumber*  
ERRNO=*errno*

**Explanation:** Listener transaction *transactionid* experienced a failure on the IOCTL call.

In the message text:

*mm/dd/yy*

The date (month/day/year) of the message.

*hh:mm:ss*

The time (hours:minutes:seconds) of the message.

*transactionid*

The name of the transaction under which the Listener is executing.

*tasknumber*

The CICS task number of the Listener task.

*errno* The UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** If the error is during initialization of the Listener, then the Listener transaction *transactionid* terminates. Otherwise, the Listener closes the socket that was being processed and resumes normal processing.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1260E** *mm/dd/yy hh:mm:ss* EZACIC03 ATTACH FAILED GPR15=*xxxxxxx* ERRNO=*errno* TRAN=*tran*  
TASK=*cicstask*

**Explanation:** An ATTACH for an MVS subtask has failed. The reason code is in GPR 15.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The task related user exit (TRUE) for this transaction is disabled. The transaction abends with an AEY9.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Determine the cause for the ATTACH failure and correct.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---



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**EZY1261I** *mm/dd/yy hh:mm:ss* **EZACIC03 ATTACH SUCCESSFUL, TCB ADDRESS=** *tcbaddr* **TERM=***term*  
**TRAN=***tran* **TASK=***cicstask*

**Explanation:** An ATTACH for an MVS subtask was successful. This message is produced only for Listeners and for those tasks that cannot be accommodated within the pool of reusable tasks.

| **Result:** If you specify the character L as the last character in the subtask ID parameter of an INITAPI socket  
| command, then the IP CICS Socket task related user exit (TRUE) assumes that the CICS transaction is a listener  
| causing the TRUE to attach a new task to support the listener's socket commands.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*tcbaddr* is the address of the Task Control Block (TCB) being attached.

*term* is the CICS terminal ID associated with the CICS transaction identified by *tran*.

*tran* is the name of the CICS transaction that was requested.

*cicstask* is the task number of the CICS transaction identified by *tran*.

**System action:** Processing continues.

**Operator response:** If this message happens frequently, increase the size of the reusable task pool, NTASKS, for this CICS. Increasing NTASKS appropriately will prevent overhead incurred with attaching the subtask. See the EZACICD TYPE parameter in *z/OS Communications Server: IP CICS Sockets Guide* for information the NTASKS value.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1262E** *mm/dd/yy hh:mm:ss* **GWA ADDRESS INVALID UEPGAA=xxxxxxx** **TRAN=***tran* **TASK=***cicstask*

**Explanation:** The task related user exit (TRUE) detected an invalid GWA address.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1263E** *mm/dd/yy hh:mm:ss* **TIE ADDRESS INVALID UEPGAA=xxxxxxx** **TRAN=***tran* **TASK=***cicstask*

**Explanation:** The task related user exit (TRUE) detected an invalid TIE address.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1264E** *mm/dd/yy hh:mm:ss* **FLAG WORD ADDRESS INVALID UEPFLAGS=** *xxxxxxx* **ERRNO=***errno*  
**TRAN=***tran* **TASK=***cicstask*

**Explanation:** The task related user exit (TRUE) detected an invalid flag word address.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.



**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1265E** *mm/dd/yy hh:mm:ss* CICS VERSION UNSUPPORTED GWACIVRM=xxxx ERRNO=errno TRAN=tran  
TASK=cicstask

**Explanation:** The task related user exit (TRUE) detected a version of CICS which it does not support. The CICS version must be 3 or above.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** The CICS socket interface requires CICS V3R3 or later.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1267E** *mm/dd/yy hh:mm:ss* ROUTING TASK FUNCTION INVALID UERTIFD=xx ERRNO=errno TRAN=tran  
TASK=cicstask

**Explanation:** The task related user exit (TRUE) detected an invalid routing task function.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** If this happens repeatedly, use EZAO to STOP (immediate) the CICS socket interface and then START it. If it still happens, contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1268E** *mm/dd/yy hh:mm:ss* SAVE AREA ADDRESS INVALID UEPHSMA= xxxxxxxx ERRNO=errno  
TRAN=tran TASK=cicstask

**Explanation:** The task related user exit (TRUE) detected an invalid save area address.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1269E** *mm/dd/yy hh:mm:ss* PARM LIST ADDRESS INVALID GPR1= xxxxxxxx ERRNO=errno TRAN=tran  
TASK=cicstask

**Explanation:** The task related user exit (TRUE) detected an invalid parameter list on a call request from the CICS application program.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Check the application program calls to the CICS socket interface to ensure that each call has the correct number and type of parameters.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1270E** *mm/dd/yy hh:mm:ss* PARM nn ADDRESS INVALID ADDRESS= xxxxxxxx ERRNO=errno TRAN=tran  
TASK=cicstask

**Explanation:** The task related user exit (TRUE) detected an invalid parameter address on a call request from the CICS application program. nn is the number of the parameter.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Check the application program calls to the CICS socket interface to ensure that the parameter addresses are valid (not zero). This problem is most common in assembler language and C applications.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1271E** *mm/dd/yy hh:mm:ss* TOKERR=xxxxxxx ERRNO=errno TRAN=tran TASK=cicstask

**Explanation:** The task related user exit (TRUE) detected a token error on an internal token used to coordinate CICS transaction activity with TCP/IP activity.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1272E** *mm/dd/yy hh:mm:ss* INVALID SOCKET/FUNCTION CALL FUNCTION= xxxx ERRNO=errno  
TRAN=tran TASK=cicstask

**Explanation:** A call to EZASOKET specified in invalid function.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Correct the call and retry.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** task related user exit (TRUE)

**EZY1273E** *mm/dd/yy hh:mm:ss* IUCV SOCK/FUNC TABLE INVALID FUNCTION= xxxx ERRNO=*errno*  
TRAN=*tran* TASK=*cicstask*

**Explanation:** A call to EZACICAL specified a function that was not valid.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Correct the call and retry.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1274E** *mm/dd/yy hh:mm:ss* INCORRECT EZASOKET PARM COUNT FUNCTION= xxxx ERRNO=*errno*  
TRAN=*tran* TASK=*cicstask*

**Explanation:** A call to EZASOKET specified in invalid number of parameters.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Correct the call and retry.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1275E** *mm/dd/yy hh:mm:ss* MONITOR CALLS NOT SUPPORTED UERTFID=xx ERRNO=*errno* TRAN=*tran*  
TASK=*cicstask*

**Explanation:** The task related user exit (TRUE) detected a monitor call which is not supported for this version of CICS.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1276E** *mm/dd/yy hh:mm:ss* EDF CALLS NOT SUPPORTED UERTFID=xx ERRNO=*errno* TRAN=*tran*  
TASK=*cicstask*

**Explanation:** The task related user exit (TRUE) detected an EDF (Execute Diagnostic Facility) call. This TRUE does not support EDF calls.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE is disabled and the task abends with an AEY9.

**Operator response:** Contact the IBM Software Support Center.

## EZY1277I • EZY1282E

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1277I** *mm/dd/yy hh:mm:ss* **EZACIC03 DETACHED TCB ADDRESS=xxxxxxx ERRNO=errno TRAN=tran**  
**TASK=cicstask**

**Explanation:** An attached subtask is terminating.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The TRUE detaches the MVS subtask.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1278I** *mm/dd/yy hh:mm:ss* **EZACIC03 DETACH SUCCESSFUL TCB ADDRESS= xxxxxxxx TRAN=tran**  
**TASK=cicstask**

**Explanation:** An attached subtask is terminating.

**System action:** The TRUE detaches the MVS subtask.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1279E** *mm/dd/yy hh:mm:ss* **INVALID SYNC PT COMMAND DISP=xx TRAN=tran TASK=cicstask**

**Explanation:** The task related user exit (TRUE) Detected an invalid Sync Point command.

**System action:** Disable the TRUE and return to the caller.

**Operator response:** Contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

---

**EZY1280E** *mm/dd/yy hh:mm:ss* **INVALID RESYNC COMMAND DISP=xx TRAN=tran TASK=cicstask**

**Explanation:** The task related user exit (TRUE) Detected an invalid Resync command.

**System action:** Disable the TRUE and return to the caller.

**Operator response:** Contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC01

---

**EZY1282E** *mm/dd/yy hh:mm:ss* **10999 ABEND reasonxx**

**Explanation:** The ESTAE processing in EZACIC03 could not be completed because of *reasonxx*.

**System action:** Allow the ABEND to percolate.

**Operator response:** Contact the IBM Software Support Center. See the *CICS Application Programming Reference* for information about abend codes.

**System programmer response:** None.

**Module:** EZACIC03

**Procedure Name:** MVS SUBTASK

**EZY1285E** *mm/dd/yy hh:mm:ss* CICS/SOCKETS LISTENER TRANSACTION *tran* NOT ON CONFIGURATION FILE

**Explanation:** The Listener attempting to start does not have a description record on the CICS Sockets configuration file.

**System action:** Listener terminates.

**Operator response:** Contact CICS system programmer.

**System programmer response:** Add the Listener to the configuration file using EZAC and retry.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1286E** *mm/dd/yy hh:mm:ss* READ FAILURE ON CICS/SOCKETS CONFIGURATION FILE TRANSACTION=  
*tran* EIBRESP2= rrrrr

**Explanation:** The Listener could not read the configuration file.

**System action:** Listener terminates.

**Operator response:** Contact CICS system programmer.

**System programmer response:** Use the CICS APR to interpret the value of EIBRESP2. If the file is not known to CICS, perform the installation steps for the configuration file.

See the *CICS Application Programming Reference* for information about EIBRESP2 values.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1287E** *mm/dd/yy hh:mm:ss* EZYCIC02 GETMAIN FAILURE FOR VARIABLE STORAGE TRANSACTION=  
*tran* EIBRESP2=rrrrr

**Explanation:** EZACIC02 could not obtain the variable storage it requires to execute.

**System action:** Listener terminates.

**Operator response:** Contact CICS system programmer.

**System programmer response:** Use the CICS APR to interpret the value of EIBRESP2. Correct your CICS configuration as indicated.

See the *CICS Application Programming Reference* for information about EIBRESP2 values.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1288E** *mm/dd/yy hh:mm:ss* CICS SOCKETS MODULE *mmmmmmmmmm* ABEND *aaaa*

**Explanation:** An abend has occurred in module *mmmmmmmmmm* of the CICS socket interface.

**System action:** Listener terminates.

**Operator response:** See the *CICS Application Programming Reference* for information about abend codes. Contact the IBM Software Support Center.

**System programmer response:** None.

## EZY1289E • EZY1291I

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

EZY1289E *mm/dd/yy hh:mm:ss* CICS LISTENER TRANSACTION *tran* TERMINATING

**Explanation:** The Listener is terminating. This could be a normal shutdown situation or a failure related to the Listener socket. If it is the latter, a previous message will describe the failure.

**System action:** Continue termination of the Listener.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

EZY1290I *mm/dd/yy hh:mm:ss* LISTENER TRANSACTION *tran* STARTING

**Explanation:** Transaction *tran*, Listener program EZACIC02 has been given control.

**System action:** Listener *tran* continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

| EZY1291I *mm/dd/yy hh:mm:ss* LISTENER TRANSACTION *transactionid* TASKID= *taskno* ACCEPTING  
| REQUESTS VIA PORT *port*

| **Explanation:** The specified transaction can now receive connection requests on the specified port.

| This message is issued when any of the following events occur:

- | • The listener is initialized and was able to connect to its TCP/IP.
- | • The listener reconnects to its TCP/IP after its TCP/IP has been restarted.
- | • The listener's socket descriptor table is no longer full and the table is now accepting client connections.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

| *hh:mm:ss*

| The time (hours:minutes:seconds) of the message.

| *transactionid*

| The name of the listener's transaction that can now accept new client connections.

| *taskno*

| The task number assigned by CICS.

| *port*

| The port number on which the listener identified by the *transactionid* value is listening.

| **Example:**

| EZY1291I 01/19/06 10:07:33 LISTENER TRANSACTION= CSKL TASKID= 0000079L ACCEPTING REQUESTS VIA PORT 3010

| **System action:** The listener transaction continues.

| **Operator response:** No action needed.

| **User response:** None.

| **System programmer response:** No action needed.

- | **Problem determination:** None.
- | **Source:** Not applicable.
- | **Module:** EZACIC02
- | **Routing code:** Not applicable.
- | **Descriptor code:** Not applicable.

---

**EZY1292E** *mm/dd/yy hh:mm:ss* **CANNOT START LISTENER, TRUE NOT ACTIVE TRANSACTION= tran TASKID= cicstask EIBRCODE BYTE3=rr**

**Explanation:** The initialization of the CICS socket interface did not complete successfully and this Listener cannot continue.

**System action:** Listener transaction *tran* terminates.

**Operator response:** If EZAO is being used to start the Listener, ensure that the CICS socket interface has successfully completed initialization first. If this happens during automatic initialization, look for other messages which would indicate why the initialization of the CICS socket interface failed.

See the *CICS Application Programming Reference* for information about EIBRCODEs.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1293E** *mm/dd/yy hh:mm:ss* **INITAPI CALL FAILURE TRANSACTION=tran TASKID= cicstask ERRNO=errno**

**Explanation:** Listener transaction *tran* experienced a failure on the INITAPI call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System programmer response:** None.

**System action:** Listener transaction *tran* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1294E** *mm/dd/yy hh:mm:ss* **SOCKET CALL FAILURE TRANSACTION= tran TASKID= cicstask ERRNO= errno**

**Explanation:** Listener transaction *tran* experienced a failure on the SOCKET call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System programmer response:** None.

**System action:** Listener transaction *tran* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1295E** *mm/dd/yy hh:mm:ss* **BIND CALL FAILURE TRANSACTION= tran TASKID= cicstask ERRNO= errno**

**Explanation:** Listener transaction *tran* experienced a failure on the BIND call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** Listener transaction *tran* terminates.



## EZY1296E • EZY1298E

**Operator response:** Use the *errno* value to determine the cause of the failure.

**Notes:**

1. An ERRNO=13 could indicate that the port and jobname specified in the PORT statement in *hlq.TCPIP.PROFILE* does not match the port and jobname used by the CICS Listener.
2. An ERRNO=48 could indicate that the port is not reserved in *hlq.TCPIP.PROFILE*.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1296E** *mm/dd/yy hh:mm:ss* LISTEN CALL FAILURE TRANSACTION=*tran* TASKID=*cicstask* ERRNO=*errno*

**Explanation:** Listener transaction *tran* experienced a failure on the LISTEN call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** Listener transaction *tran* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1297E** *mm/dd/yy hh:mm:ss* GETCLIENTID CALL FAILURE TRANSACTION=*tran* TASKID=*cicstask*  
ERRNO=*errno*

**Explanation:** Listener transaction *tran* experienced a failure on the GETCLIENTID call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** Listener transaction *tran* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1298E** *mm/dd/yy hh:mm:ss* CLOSE FAILURE TRANID=*tran* TASKID=*cicstask* ERRNO=*errno*

**Explanation:** Listener transaction *tran* experienced a failure on the CLOSE call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** Listener transaction *tran* continues.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1299E** *mm/dd/yy hh:mm:ss* **SELECT CALL FAILURE TRANSACTION=** *tran* **TASKID=** *xxxxx* **ERRNO=** *errno*

**Explanation:** Listener transaction *tran* experienced a failure on the SELECT call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** Listener transaction *tran* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1300E** *mm/dd/yy hh:mm:ss* **RECV FAILURE TRANSID=** *transactionid* **TASKID=** *tasknumber* **ERRNO=** *errno*  
**INET ADDR=***inetaddress* **PORT=***portnumber*

**Explanation:** The Listener transaction *transactionid* experienced a failure on the RECV call.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the Listener transaction performing the RECV Socket.

*tasknumber* is the CICS task number assigned to the CICS transaction *transactionid*.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction *transactionid* continues.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1301E** *mm/dd/yy hh:mm:ss* **CONNECTION CLOSED BY CLIENT TRANSACTION=** *transactionid* **PARTNER**  
**INET ADDR=** *ipaddr* **PORT=** *port*

**Explanation:** A remote client connected to the CICS Listener but then closed the connection before sending the entire amount of data required by the Listener as determined by the MINMSGL standard Listener configuration parameter or the MSGLEN enhanced Listener configuration parameter.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the transaction name of the CICS Listener.

*ipaddr* is the internet address of the remote client.

*port* is the port number of the remote client.

**System action:** The Listener transaction *transactionid* continues.

**Operator response:** Correct the client program.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

## EZY1302I • EZY1304I

---

**EZY1302I** *mm/dd/yy hh:mm:ss* READ TIMEOUT PARTNER INET ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The initial message from the client did not arrive within the read timeout value specified for this Listener in the CICS Sockets configuration file.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener closes the connection socket and does not attempt to start a server transaction.

**Operator response:** Determine the cause of the delay and correct it.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1303I** *mm/dd/yy hh:mm:ss* EZACIC02 GIVESOCKET TIMEOUT TRANS *transactionid* PARTNER INET ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The started server transaction did not perform the takesocket within the timeout value specified for this Listener in the CICS Sockets configuration file.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Send an error message to the client and close the socket.

**Operator response:** Determine the reason for the delay in the server transaction. Possible causes are an overloaded CICS system or excessive processing in the server transaction before the takesocket is issued. Correct the situation and retry.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1304I** *mm/dd/yy hh:mm:ss* UNEXPECTED INPUT EVENT TRANSACTION *transactionid* PARTNER INET ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The Listener received data from the client after the end of the transaction input message.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener ignores this data.

**Operator response:** Ensure that the minimum message length specification for this Listener in the CICS Sockets Configuration file is correct. If it is, determine why the client is sending this additional data.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1305E** *mm/dd/yy hh:mm:ss* UNEXPECTED EXCEPTION EVENT TRANS *transactionid* PARTNER INET  
 ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The Listener received an exception event on this connection other than the event showing a successful takesocket was issued by the server.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Ignore the event.

**Operator response:** Ensure the client is not doing anything that would cause an exception event such the use of out-of-band data.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1306E** *mm/dd/yy hh:mm:ss* SECURITY EXIT *mmmmmmmm* IS NOT DEFINED TRANID= *tran*  
 TASKID=*xxxxxxxx*

**Explanation:** The security exit specified for this Listener in the CICS Sockets configuration file is not defined to CICS.

**System action:** Close the socket and terminate the connection.

**Operator response:** Use CICS RDO to define the security exit.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1307E** *mm/dd/yy hh:mm:ss* MAXIMUM # OF SOCKETS USED TRANS= *tran* TASKID= *cicstask* ERRNO= *errno*

**Explanation:** All of the sockets allocated to Listener transaction *xxxx* are in use.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

**System action:** The ACCEPT call is delayed until a socket is available.

**Operator response:** Use the EZAC transaction to increase the number of sockets allocated Listener *tran* and then stop and restart Listener transaction *tran*.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1308E** *mm/dd/yy hh:mm:ss* ACCEPT CALL FAILURE TRANSACTION= *tran* TASKID= *cicstask* ERRNO= *errno*

**Explanation:** Listener transaction *tran* experienced a failure on the ACCEPT call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

## EZY1309E • EZY1311E

**System action:** Listener transaction *tran* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1309E** *mm/dd/yy hh:mm:ss* GIVESOCKET FAILURE TRANS *transactionid* TASKID=*tasknumber* ERRNO=*errno*  
INET ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The Listener transaction *transactionid* experienced a failure on the GIVESOCKET call.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*tasknumber* is the CICS task number assigned to the CICS transaction *transactionid*.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (*errno*s) information in *z/OS UNIX System Services Messages and Codes*.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction *transactionid* terminates.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1310E** *mm/dd/yy hh:mm:ss* IC VALUE NOT NUMERIC TRANID=*transactionid* PARTNER INET  
ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The interval specified in the transaction input message contains one or more non-numeric characters.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The interval is ignored, and the transaction is started immediately.

**Operator response:** Correct the client program which is sending this transaction input message.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1311E** *mm/dd/yy hh:mm:ss* CICS TRANID *transactionid* NOT AUTHORIZED PARTNER INET  
ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The transaction name specified in the transaction input message is not RSL authorized.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The transaction is not started.

**Operator response:** Correct the CICS transaction definition if the transaction should be authorized or the client program if it is sending the wrong transaction name.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1312E** *mm/dd/yy hh:mm:ss* SECURITY EXIT *mmmmmmmmmm* CANNOT BE LOADED TRANID= *tran*  
TASKID=*cicstask*

**Explanation:** Listener transaction *tran* experienced a failure when it attempted to load security exit program *mmmmmmmmmm*.

**System action:** Listener transaction *tran* continues but the server transaction associated with this transaction input message is not started.

**Operator response:** Use CEMT to determine the status of the exit program and correct whatever problems are found.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1313E** *mm/dd/yy hh:mm:ss* LISTENER NOT AUTHORIZED TO ACCESS SECURITY EXIT *mmmmmmmmmm*  
TRANID= *tran* TASKID=*xxxxxxx*

**Explanation:** Listener transaction *tran* is not authorized to access security exit program *mmmmmmmmmm*.

**System action:** Listener transaction *tran* continues but the server transaction associated with this transaction input message is not started.

**Operator response:** If the security exit program name is incorrect, use EZAC to correct the definition of this Listener on the CICS Sockets Configuration file. If the security exit program is correct, use the CICS RDO facility to authorize Listener transaction *xxxx* to use security exit program *mmmmmmmmmm*.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1314E** *mm/dd/yy hh:mm:ss* SECURITY EXIT *mmmmmmmmmm* IS DISABLED TRANID= *tran* TASKID=*xxxxxxx*

**Explanation:** Security exit program *mmmmmmmmmm* is disabled.

**System action:** Listener transaction *tran* continues but the server transaction associated with this transaction input message is not started.

**Operator response:** Use CEMT to enable the security exit program.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

## EZY1315E • EZY1317E

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**EZY1315E** *mm/dd/yy hh:mm:ss* **INVALID TRANSID** *transactionid* **PARTNER INET ADDR=inetaddress**  
**PORT=portnumber**

**Explanation:** The transaction input message from the client specified transaction *transactionid* but this transaction is not defined to CICS.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client. The *transactionid* field will be blank if no printable name was passed by the client or the security exit.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues but the server transaction associated with this transaction input message is not started.

**Operator response:** If the transaction name is incorrect, correct the client program. If the transaction name is correct, correct the CICS transaction definition.

**System programmer response:** If *transactionid* is blank, then there is a possible mismatch because the Listener is expecting the first message segment to start with a transaction name but it does not. A packet trace might be helpful in determining whether there is such a mismatch. For example, if the packet trace shows that the first message segment starts with X'160300' or X'160301' then possibly a **clienthello** message was received, which indicates that there is an Application Transparent Transport Layer Security (AT-TLS) policy on the client side of the TCP connection but no matching AT-TLS policy (or AT-TLS is not enabled) on the Listener side of the TCP connection. This would need to be addressed by the AT-TLS administrator. See Application Transparent Transport Layer Security (AT-TLS) Data Protection in *z/OS Communications Server: IP Configuration Guide* and Diagnosing AT-TLS problems in *z/OS Communications Server: IP Diagnosis Guide* for more information.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1316E** *mm/dd/yy hh:mm:ss* **TRANSID** *transactionid* **IS DISABLED** **PARTNER INET ADDR=inetaddress**  
**PORT=portnumber**

**Explanation:** Transaction *transactionid* is disabled.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues but the server transaction associated with this transaction input message is not started.

**Operator response:** Use CEMT to enable the server transaction.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1317E** *mm/dd/yy hh:mm:ss* **TRANSID** *transactionid* **IS NOT AUTHORIZED** **PARTNER INET**  
**ADDR=inetaddress** **PORT=portnumber**

**Explanation:** The Listener transaction *transactionid* is not authorized to start the transaction name specified in the transaction input message.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The transaction is not started.

**Operator response:** Authorize Listener transaction *transactionid* to start the transaction.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1318E** *mm/dd/yy hh:mm:ss* TD START SUCCESSFUL QUEUEID= *que*

**Explanation:** The Listener transaction started a server transaction through transient data queue *que*

**System action:** Listener transaction continues and the server transaction is ready to start.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1319E** *mm/dd/yy hh:mm:ss* QIDERR FOR TD DESTINATION *queuename* PARTNER INET ADDR=*inetaddress*  
PORT=*portnumber*

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was QIDERR.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*queuename* is the name of the transient data queue that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** If the queue name is incorrect, correct the client program sending this transaction input message. If the queue name is correct, correct the CICS Destination Control Table.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1320E** *mm/dd/yy hh:mm:ss* I/O ERROR FOR TD DESTINATION *queuename* PARTNER INET  
ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was IOERR.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*queuename* is the name of the transient data queue that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.



## EZY1321E • EZY1323E

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1321E** *mm/dd/yy hh:mm:ss* **LENGTH ERROR FOR TD DESTINATION** *queuename* **PARTNER INET**  
**ADDR=inetaddress** **PORT=portnumber**

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was LENGERR.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*queuename* is the name of the transient data queue that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer. The minimum length for this queue should be greater than 72.

**System programmer response:** Change definition of Transient Data Queue to accommodate length of this message.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1322E** *mm/dd/yy hh:mm:ss* **TD DESTINATION** *queuename* **DISABLED PARTNER INET** **ADDR=inetaddress**  
**PORT=portnumber**

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was DISABLED.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*queuename* is the name of the transient data queue that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Use CEMT to enable the destination.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1323E** *mm/dd/yy hh:mm:ss* **TD DESTINATION** *queuename* **OUT OF SPACE PARTNER INET**  
**ADDR=inetaddress** **PORT=portnumber**

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was NOSPACE.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.



*queuename* is the name of the transient data queue that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Allocate space for this Transient Data Queue.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1324E** *mm/dd/yy hh:mm:ss* TD START FAILED QUEUE ID=*queuename* PARTNER INET ADDR=*inetaddress*  
PORT=*portnumber*

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*queuename* is the name of the transient data queue that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Determine the problem with the Transient Data Queue and correct it.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1325I** *mm/dd/yy hh:mm:ss* START SUCCESSFUL TRANID=*transactionid* PARTNER INET ADDR=*inetaddress*  
PORT=*portnumber*

**Explanation:** The Listener transaction was able to start a CICS transaction *transactionid* transient data queue.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1326E** *mm/dd/yy hh:mm:ss* START I/O ERROR TRANID=*transactionid* PARTNER INET ADDR=*inetaddress*  
PORT=*portnumber*

**Explanation:** The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was IOERR.

*mm/dd/yy* is the date (month/day/year) of the message.

## EZY1327E • EZY1328E

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Determine the cause of the I/O error and correct it.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1327E** *mm/dd/yy hh:mm:ss* **START TRANSACTION ID** *transactionid* **INVALID PARTNER INET**  
**ADDR=inetaddress** **PORT=portnumber**

**Explanation:** The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was TRANSIDERR.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Check the transaction definition in RDO to ensure it is correct.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1328E** *mm/dd/yy hh:mm:ss* **START TRANSACTION ID** *transactionid* **NOT AUTHORIZED PARTNER INET**  
**ADDR=inetaddress** **PORT=portnumber**

**Explanation:** The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was NOTAUTH.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** If the transaction ID is incorrect, correct the client program which sent this transaction input message. If the transaction ID is correct, authorize Listener transaction to start this transaction.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1329E** *mm/dd/yy hh:mm:ss* **START FAILED (99) TRANSID=transactionid PARTNER INET ADDR=inetaddress  
PORT=portnumber**

**Explanation:** The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was 99.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Check the transaction definition in RDO. Look for associated messages in the MSGUSR queue, which might indicate why the transaction would not start.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1330E** *mm/dd/yy hh:mm:ss* **IC START SUCCESSFUL TRANID=transactionid PARTNER INET  
ADDR=inetaddress PORT=portnumber**

**Explanation:** The Listener transaction was able to start a CICS transaction *transactionid*.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

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**EZY1331E** *mm/dd/yy hh:mm:ss* **IC START I/O ERROR TRANID=transactionid PARTNER INET ADDR=inetaddress  
PORT=portnumber**

**Explanation:** Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was IOERR.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Look for other messages in the MSGUSR queue, which provide specific information on the I/O error and correct the problem.

**Module:** EZACIC02

## EZY1332E • EZY1334E

Procedure Name: LISTENER

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**EZY1332E** *mm/dd/yy hh:mm:ss* IC START INVALID REQUEST TRANID=*transactionid* PARTNER INET  
ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was INVREQ.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Listener transaction continues.

**Operator response:** Collect the messages written to the console and MSGUSR queue, client input data, and a SOCKAPI component trace and contact the IBM Software Support Center.

**System programmer response:** None.

**Module:** EZACIC02

Procedure Name: LISTENER

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**EZY1333E** *mm/dd/yy hh:mm:ss* IC START FAILED TRANID=*transactionid* PARTNER INET ADDR=*inetaddress*  
PORT=*portnumber*

**Explanation:** Listener transaction was unable to start a CICS transaction *transactionid*.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Check the RDO definition of the transaction. Collect the messages written to the console and MSGUSR queue, client input data, and a SOCKAPI component trace and contact the IBM Software Support Center.

**Module:** EZACIC02

Procedure Name: LISTENER

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**EZY1334E** *mm/dd/yy hh:mm:ss* INVALID USER TRANID=*transactionid* PARTNER INET ADDR = *inetaddress*  
PORT = *portnumber*

**Explanation:** This message indicates that the user security exit has given the Listener an invalid USERID field.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The server transaction does not start.

**Operator response:** Correct the invalid USERID in the security exit.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1335E** *mm/dd/yy hh:mm:ss* **WRITE FAILED ERRNO=errno TRANID=transactionid. PARTNER INET ADDR=inetaddress PORT=portnumber**

**Explanation:** Listener transaction had a failure on a WRITE command.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1336E** *mm/dd/yy hh:mm:ss* **TAKESOCKET FAILURE TRANS transactionid TASKID=tasknumber ERRNO=errno INET ADDR=inetaddress PORT=portnumber**

**Explanation:** The Listener transaction had a failure on a TAKESOCKET command.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** The Listener transaction continues.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1337E** *mm/dd/yy hh:mm:ss* **CICS IN QUIESCE, LISTENER TERMINATING TRANSID= tran TASKID= cicstask**

**Explanation:** Listener transaction *tran* is terminating because it detected a CICS quiesce in progress.

**System action:** Listener transaction *tran* terminates.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

## EZY1338E • EZY1341E

Procedure Name: LISTENER

---

EZY1338E *mm/dd/yy hh:mm:ss* PROGRAM *programname* NOT FOUND TRANID=*transactionid* PARTNER INET  
ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The Listener checked the status of the program associated with the transaction. It was not found.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*programname* is the name of the program which is associated with the transaction requested by the connecting client.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client's port number.

**System action:** Listener continues.

**Operator response:** If *transactionid* is incorrect, correct the client program that sent the transaction input message. If the transaction ID is correct, check the transaction and program definitions in CICS.

**System programmer response:** None.

**Module:** EZACIC02

---

EZY1339E *mm/dd/yy hh:mm:ss* EXIT PROGRAM (EZACIC01) IS NOT ENABLED. DISABLE IGNORED  
TERM=*term* TRAN=*tranxxx*

**Explanation:** A termination of the CICS socket interface was requested but the interface is not enabled.

**System action:** The termination request is ignored.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

---

EZY1340E *mm/dd/yy hh:mm:ss* API ALREADY QUIESCING DUE TO PREVIOUS REQ. EZAO IGNORED  
TERM=*term* TRAN=*tranxxx*

**Explanation:** A request for a quiesce of the CICS socket interface has been made but one is already in progress.

**System action:** Ignore the second request.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

---

EZY1341E *mm/dd/yy hh:mm:ss* API ALREADY IN IMMED MODE DUE TO PREV. REQ. EZAO IGNORED  
TERM=*term* TRAN=*tranxxx*

**Explanation:** A request for an immediate of the CICS socket interface has been made but one is already in progress.

**System action:** Ignore the second request.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

---

**EZY1342I** *mm/dd/yy hh:mm:ss* **DISABLE DELAYED UNTIL ALL USING TASKS COMPLETE TERM=termid**  
**TRAN=transid**

| **Explanation:** A quiesce is in progress and is waiting for all outstanding CICS tasks to complete using the CICS socket interface.

| When an IP CICS interface is being shut down the following actions occur:

- | • All listeners are posted to end.
- | • If the interface is configured as OTE=NO, then all non-listener tasks have their MVS subtask posted and their CICS task ends.
- | • If the interface is configured as OTE=YES, then any non-listener transaction that is running a blocking socket command is forced to end by a CICS FORCE PURGE action.

| See the information about the TYPE=CICS parameter in *z/OS Communications Server: IP CICS Sockets Guide* for information about the OTE configuration option.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

| *hh:mm:ss*

| The time (hours:minutes:seconds) of the message.

| *termid*

| The CICS terminal ID on which the IP CICS socket shutdown is occurring.

| *transid*

| The CICS transaction ID that requested that the IP CICS socket be shut down.

| **System action:** The system continues to shut down.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

---

**EZY1343I** *mm/dd/yy hh:mm:ss* **CICS/SOCKETS INTERFACE IMMEDIATELY DISABLED TERM=term**  
**TRAN=tranxxx**

**Explanation:** A request for immediate termination of the CICS socket interface has been successfully completed.

**System action:** Terminate the CICS socket interface.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

---

**EZY1344I** *mm/dd/yy hh:mm:ss* **CICS/SOCKETS INTERFACE QUIESCENTLY DISABLED TERM=term**  
**TRAN=tranxxx**

**Explanation:** A request for deferred termination of the CICS socket interface has been successfully completed.

**System action:** Terminate the CICS socket interface.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

---

**EZY1345E** *mm/dd/yy hh:mm:ss* CICS/SOCKETS WLM REGISTER FAILURE. RETURN CODE = *return\_code*,  
GROUP = *groupname*, LISTNER = *list*

**Explanation:** The CICS Listener received an error response when attempting to register WLM group with the Workload manager.

*mm/dd/yy hh:mm:ss*

Date and time of the message.

*return\_code*

The return code from the WLM registration.

*groupname*

Name of the WLM group.

*list*

Name of the CICS Listener.

**System action:** The Listener continues initialization but will not use *groupname* to participate in workload connection balancing.

**Operator response:** Verify that the WLM group name is correct and correctly defined to the Workload manager. If it is incorrect, either change it in the EZACICD TYPE=LISTENER macro that was used to define the Listener, or change it via the EZAC transaction. See the *z/OS MVS Programming: Workload Management Services* for more information about *return\_code*.

**System programmer response:** None

**Module:** EZACIC12

---

**EZY1346E** *mm/dd/yy hh:mm:ss* CICS SOCKETS WLM DEREGISTER FAILED RETURN CODE = *return\_code*,  
GROUP = *groupname*, LISTNER = *list*

**Explanation:** The CICS Listener received an error response when attempting to deregister WLM group with the Workload manager.

*mm/dd/yy hh:mm:ss*

Date and time of the message.

*return\_code*

The return code from the WLM deregistration.

*groupname*

Name of the WLM group.

*list*

Name of the CICS Listener.

**System action:** The Listener continues termination.

**Operator response:** See the *z/OS MVS Programming: Workload Management Services* for more information about *return\_code*.

**System programmer response:** None.

**Module:** EZACIC12

---

**EZY1347I** *mm/dd/yy hh:mm:ss* PROGRAM *programname* ASSUMED TO BE AUTOINSTALLED  
TRANID=*transactionid* IP ADDR=*inetaddress* PORT=*portnumber*

**Explanation:** The Listener checked the status of the program associated with the transaction. It was not found. Since program autoinstall is active in the CICS region, the Listener assumes that the program definition will automatically be installed by CICS.

*mm/dd/yy*

The date (month/day/year) of the message.

*hh:mm:ss*

The time (hours:minutes:seconds) of the message.



*programname*

The name of the undefined program which is associated with the transaction requested by the connecting client.

*transactionid*

The name of the transaction that was requested by the connecting client.

*inetaddress*

The internet address of the connecting client.

*portnumber*

The connecting client's port number.

**System action:** Listener continues.

**Operator response:** None.

**System programmer response:** Verify that the program name in the transaction definition is correct. Verify that the program is intended to be autoinstalled rather than explicitly defined in the PPT.

**Module:** EZACIC02

**Procedure Name:** LISTENER

**EZY1348E** *mm/dd/yy hh:mm:ss* **INVALID SOCKET FUNCTION** *function* **ERRNO** *errno* **TRAN** *tranid* **TASK** *taskid*

**Explanation:** The task related user exit (TRUE) detected an invalid socket function on a call request from the CICS application program.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*function* is the invalid socket function.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

*tranid* is the name of the CICS transaction.

*taskid* is the CICS task ID number.

**System action:** The TRUE is disabled and the task abends with an AEY9 CICS abend code.

**Operator response:** Correct the invalid socket function and retry.

The most probable *errno* is 10011 "INVALID SOCKET FUNCTION". If the socket function name appears correct, ensure that the application padded the function call with blanks.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** Task Related User Exit (TRUE)

**EZY1349E** *mm/dd/yy hh:mm:ss* **UNABLE TO OPEN CONFIGURATION FILE TRANSACTION=***transactionid*  
**EIBRESP2=***eibresp2*

**Explanation:** The CICS Listener received an abnormal response from CICS when attempting to open the CICS Sockets configuration file (EZACONFG) using an EXEC CICS SET FILE call.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction under which the Listener is executing.

*eibresp2* is the EIBRESP2 value returned by CICS on the EXEC CICS SET FILE call as described in *CICS System Programming Reference*.

**System action:** The Listener ends.

**Operator response:** Contact the CICS system programmer.

## EZY1350E • EZY1351E

**System programmer response:** Use the *CICS System Programming Reference* to interpret the value of EIBRESP2. If the file is not known to CICS, perform the installation steps for the configuration file.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1350E** *mm/dd/yy hh:mm:ss* NOT AUTHORIZED TO USE *api\_function*, action IGNORED. TERM=*termid*  
TRAN=*transid*

**Explanation:** The IP CICS socket interface uses a CICS EXTRACT EXIT command to determine whether the IP CICS Sockets Task Related User Exit (TRUE) is enabled. This action is performed by IP CICS socket interface initialization and shutdown programs, the Listener, and by any user application linking to the IP CICS domain name server module.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*api\_function* is the CICS command performed.

*action* is the action intended.

- ENABLE means the IP CICS socket interface is being enabled.
- DISABLE means the IP CICS socket interface is being disabled.
- STARTUP means the IP CICS socket interface is being started.

*termid* is the terminal ID where the transaction receiving the error is executing.

*transid* is the name of the transaction that is incurring the security violation.

**System action:**

- If the TRUE is being enabled when the IP CICS socket interface is initializing, then the enable action is ignored and the interface is not activated.
- If the TRUE is being disabled when the IP CICS socket interface is shutting down, then the disable action is ignored and the interface remains active.
- If the IP CICS socket interface is being started, then the startup action is ignored and the interface remains inactive.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Ensure that the user ID being used is allowed at least UPDATE access to the EXITPROGRAM resource.

**Module:** EZACIC02, EZACIC21, EZACIC22

**Procedure Name:** Listener, Initialization, Shutdown

---

**EZY1351E** *mm/dd/yy hh:mm:ss* EXIT PROGRAM (EZACIC01) IS NOT ENABLED, action IGNORED.  
TERM=*termid* TRAN=*transid*

**Explanation:** The IP CICS socket interface uses a CICS ENABLE PROGRAM command to enable the IP CICS Sockets Task Related User Exit (TRUE). This action is performed by IP CICS socket interface initialization.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*action* is the action intended.

- ENABLE means the IP CICS socket interface is being enabled.
- DISABLE means the IP CICS socket interface is being disabled.

*termid* is the terminal ID where the transaction receiving the error is executing.

*transid* is the name of the transaction that is incurring the security violation.

**System action:** The IP CICS socket interface is not initialized.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Ensure that the user ID being used is allowed at least UPDATE access to the EXITPROGRAM resource.

**Module:** EZACIC21

**Procedure Name:** Initialization

**EZY1352E** *mm/dd/yy hh:mm:ss* SUBTASK ENDED UNEXPECTEDLY TRANSACTION= *transactionid* TASKID= *taskid*

**Explanation:** The current tasks CICS Sockets subtask ended unexpectedly. This is probably caused by an ABEND of the subtask.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the CICS transaction whose subtask ended unexpectedly.

*taskid* is the CICS task number of the task whose subtask ended unexpectedly.

**System action:** The CICS socket interface is disabled for the current task. Any subsequent CICS Sockets calls by that task will result in CICS ABEND code AEY9. Other tasks are not affected.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Check the console log for previous messages that explain what happened to the subtask.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)

**EZY1353E** *mm/dd/yy hh:mm:ss* COMMA MISSING AFTER IC TRANS ID = *transactionid* PARTNER IP ADDR = *inetaddress* PORT = *portnumber*

**Explanation:** The listener did not find a comma delimiter after the interval control (IC) start type indicator in the client's transaction request message.

In the message text:

*mm/dd/yy*

The date (month/day/year) of the message.

*hh:mm:ss*

The time (hours:minutes:seconds) of the message.

*transactionid*

The name of the transaction that was requested by the connecting client.

*inetaddress*

The internet address of the connecting client.

*portnumber*

The connecting client's port number.

**Example:** An example of a transaction request message for the standard listener:

SCCS,DATA,IC000010

EZY1258I 10/11/05 14:01:55 EZACIC02 ENTRY POINT IS 17CB2028

EZY1258I 10/11/05 14:01:55 EZACIC01 ENTRY POINT IS 177E2518

EZY1291I 10/11/05 14:01:56 LISTENER TRANSACTION= CSKL TASKID= 0000032L ACCEPTING REQUESTS VIA PORT 3010

EZY1353E 10/11/05 14:02:56 COMMA MISSING AFTER IC TRANSACTION ID= SCCS PARTNER INET ADDR=10.1.1.2 PORT= 1076

**System action:** The listener does not start the transaction specified by the client's transaction request message and ends the connection. This message is also returned to the client.

**Operator response:** Ensure that a comma delimiter separates the IC start type and the IC start time. See Listener

## EZY1354I • EZY1355I

input format in *z/OS Communications Server: IP CICS Sockets Guide* for information about the client's transaction request message.

**User response:** Not applicable.

**System programmer response:** None.

**Problem determination:** Not applicable.

**Source:**

**Module:** EZACIC02

**Routing code:** Not applicable.

**Descriptor code:** Not applicable.

---

### EZY1354I *mm/dd/yy hh:mm:ss* CICS/SOCKETS CICS TRACING IS *status*

**Explanation:** This message shows the status of changing IP CICS Sockets CICS tracing and is issued when one of the following occurs:

- The operator issued the EZA0,START,TRACE transaction.
- The operator issued the EZA0,STOP,TRACE transaction.
- The CICS Master User Trace Flag is specified as OFF and the IP CICS Sockets TRACE configuration is specified as YES.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*status* is the status of CICS tracing for the IP CICS socket interface.

- ENABLED indicates that the IP CICS socket interface will generate CICS trace data when CICS tracing is active.
- DISABLED indicates that the IP CICS socket interface will not generate CICS trace data.

**System action:** When *status* is ENABLED, IP CICS Sockets will generate CICS trace data when CICS tracing is active. When *status* is DISABLED, IP CICS Sockets will not generate CICS trace data.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC00, EZACIC01

**Procedure Name:** TRC00000, SUB05100

---

### EZY1355I *mm/dd/yy hh:mm:ss* CICS/SOCKETS TCBLIM EXCEEDS MAXOPENTCBS

**Explanation:** IP CICS Sockets has determined that the value specified for TCBLIM exceeds the value of MAXOPENTCBS allowed at the time the interface was enabled. TCBLIM will be forced to the same value as MAXOPENTCBS.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** IP CICS Sockets TCBLIM will default to the value of MAXOPENTCBS. IP CICS Sockets processing continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Adjust the value specified by the TCBLIM configuration option using one or more of the following methods:

- Specify an appropriate TCBLIM value on the EZACICD TYPE=CICS,TCBLIM= macro.
- Specify an appropriate TCBLIM value using the EZAC Configuration transaction.
- Specify an appropriate TCBLIM value dynamically by using the EZA0 Operator transaction.
- Specify an appropriate MAXOPENTCBS value using the CICS System Initialization parameters.

- Specify an appropriate MAXOPENTCBS value using the CICS Master Terminal transaction, CEMT SET DISPATCHER MAXOPENTCBS.

Refer to the following sections in *z/OS Communications Server: IP CICS Sockets Guide*:

- Building the configuration data set with EZACICD for information about using the EZACICD macro.
- Configuration transaction (EZAC) for information about the EZAC Configuration transaction.
- SET function and INQUIRE function for information about the EZAO Operator transaction.
- the EZACICD TYPE parameter in *z/OS Communications Server: IP CICS Sockets Guide* for a description of the TCBLIM parameter.

Refer to the *CICS System Definition Guide* for a description of the MAXOPENTCBS parameter. Refer to *CICS Supplied Transactions* for information about using the CEMT transaction.

**Module:** EZACIC21

**Procedure Name:** Initialization

**EZY1356E** *mm/dd/yy hh:mm:ss* CICS/SOCKETS TCBLIM HAS BEEN REACHED

**Explanation:** The number of IP CICS Sockets-enabled CICS tasks using an Open API, L8, TCB is equal to the value specified by the TCBLIM configuration option.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** The IP CICS socket interface will suspend any new tasks until one of the following actions occur:

- The IP CICS Sockets TCBLIM value is increased.
- Existing transactions using IP CICS Sockets end.

This message will be issued only when the interface detects that it has reached TCBLIM. EZY1360I will be issued when this condition is relieved.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Use the CICS Master Terminal transaction, CEMT INQ TASK HVALUE(ATTTCBLIM), to determine which IP CICS Sockets-enabled CICS transactions are subject to TCBLIM. Either take action to reduce the IP CICS Sockets work load or increase the IP CICS Socket TCBLIM configuration option. You can use the EZAO,SET,CICS Operator transaction to dynamically increase TCBLIM. The new value you set for the TCBLIM configuration option must be less than or equal to the value specified by MAXOPENTCBS.

**Module:** EZACIC01

**Procedure Name:** SUB16000

**EZY1357I** *mm/dd/yy hh:mm:ss* TRANSIENT DATA QUEUE SPECIFIED ON ERRORTD IS NOT DEFINED TO CICS

**Explanation:** IP CICS Sockets has determined that the CICS transient data queue specified by the ERRORTD configuration option was not defined to the CICS region where the IP CICS socket interface is enabled.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** The CSMT transient data queue will be used for reporting all IP CICS Sockets interface messages. CSMT is the default CICS transient data queue name.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Ensure that the CICS transient data queue specified by the ERRORTD configuration option is properly defined to CICS.

See Transient data definition in *z/OS Communications Server: IP CICS Sockets Guide* for more information.

**Module:** EZACIC21

## EZY1358E • EZY1361E

**Procedure Name:** Initialization

---

### EZY1358E 10999 ABEND - IP CICS SOCKETS USING OTE

**Explanation:** IP CICS Sockets has incorrectly called the MVS subtask wrapper module when the interface was enabled to use CICS Open Transaction Environment.

**System action:** The IP CICS socket interface will stop.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Contact the IBM Software Support Center. See the *CICS Application Programming Reference* for information about abend codes.

**Module:** EZACIC03

**Procedure Name:** MVS SUBTASK

---

### EZY1359I mm/dd/yy hh:mm:ss CICS/SOCKETS APPLICATIONS WILL USE THE QR TCB

**Explanation:** IP CICS Sockets has determined that CICS FORCEQR=YES is specified.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** CICS will force all user application programs, including those enabled to IP CICS Sockets, that are specified as threadsafe to run under the CICS Quasi-Reentrant (QR) TCB, as if they were specified as quasi-reentrant programs.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** If you do not want to incur the overhead of CICS switching Open API-enabled tasks back to the QR TCB, then change the value of FORCEQR to NO. Refer to the *CICS System Definition Guide* for more information about the FORCEQR CICS System Initialization parameter. Refer to *CICS Supplied Transactions* for more information about the CICS Master Terminal transaction that is used to dynamically change the FORCEQR setting.

**Module:** EZACIC21

**Procedure Name:** Initialization

---

### EZY1360I mm/dd/yy hh:mm:ss CICS/SOCKETS TCBLIM CONDITION HAS BEEN RELIEVED

**Explanation:** IP CICS Sockets enable transactions are no longer suspended due to TCBLIM.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** Any new or suspended IP CICS Sockets work will now be processed without being suspended due to IP CICS Sockets being at TCBLIM.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC01

**Procedure Name:** SUB16000, Task termination

---

### EZY1361E mm/dd/yy hh:mm:ss CICS/TS OPEN TRANSACTION ENVIRONMENT SUPPORT IS NOT AVAILABLE

**Explanation:** The IP CICS Sockets OTE configuration parameter is specified as YES. IP CICS Sockets determined that the CICS environment that is required to support the exploitation of CICS Open Transaction Environment by IP CICS Sockets is not available.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** The IP CICS socket interface is not enabled to use CICS Open Transaction Environment.

**Operator response:** Contact the system programmer.

**System programmer response:** Perform one of the following:

- Upgrade the level of CICS to support Open Transaction Environment. The CICS Open Transaction Environment requires CICS/TS V2R2 or later.
- Change the IP CICS socket interface configuration to use MVS subtasks when configuring it by using the EZAC configuration transaction or the EZACICD macro.

**Module:** EZACIC21

**Procedure Name:** Initialization

**EZY1362E** *mm/dd/yy hh:mm:ss* **CICS/SOCKETS START OF LISTENER** *transactionid* **FAILED RESP1=** *resp1*  
**RESP2=***resp2*

**Explanation:** CICS Sockets attempted to start the specified listener, but the EXEC CICS START command failed with the RESP1 and RESP2 values listed in the message text.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the transaction name of the listener that the CICS Sockets attempted to start.

*resp1* is the RESP1 value returned by the EXEC CICS START transaction.

*resp2* is the RESP2 value returned by the EXEC CICS START transaction.

**System action:** The CICS Listener does not start.

**Operator response:** None.

**System programmer response:** Refer to the description of the START command in the *CICS Application Programming Reference* for information about why the START command failed.

- If the RESP2 value is 8 or 9, then the problem is related to the USERID parameter in the definition of the listener. Verify that the USERID parameter is correct. See Setting up and configuring CICS TCP/IP in *z/OS Communications Server: IP CICS Sockets Guide* for a description of the USERID parameter.
- If the RESP2 value is 8, then the USERID parameter of the listener definition specifies a user ID that is not known to RACF®. Therefore, either change the USERID parameter or define the user ID to RACF.
- If the RESP2 value is 9, then the user ID under which the EXEC CICS START was issued does not have SURROGAT security access to the user ID that is specified in the USERID parameter. For example, if the failure occurs during CICS PLT processing, then the PLT user ID does not have SURROGAT security access to the listener's user ID. Refer to the *CICS RACF Security Guide* for more information.

**Module:** EZACIC21

**Procedure Name:** INITIALIZATION

| **EZY1363I** *mm/dd/yy hh:mm:ss* **LISTENER** *transactionid taskno* **HAD** *threads* **THREADS ACTIVE WHEN STACK**  
| *tcpname* **ENDED**

| **Explanation:** This message displays the number of listener threads that were active when the TCP/IP stack that is  
| specified ended. This message is followed by one or more EZY1368I messages that describe the clients that are  
| affected.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

| *hh:mm:ss*

| The time (hours:minutes:seconds) of the message.

| *transactionid*

| The listener's transaction ID.



## EZY1364I

| *taskno*

| The task number assigned by CICS.

| *threads*

| The number of threads that were active when the specified TCP/IP stack ended.

| *tcpname*

| The TCP/IP procedure name with which the listener had affinity.

| **Example:** Following is an example of the messages that are displayed when the stack has ended while the listener was processing data.

```
| EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
| EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
| EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
| EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
| EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
| EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
| EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
| EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

| **System action:** Processing continues.

| **Operator response:** No action needed.

| **User response:** No action needed.

| **System programmer response:** No action needed.

| **Problem determination:** Not applicable.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC02

| **Routing code:** 10

| **Descriptor code:** 12

| **Automation:** This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

---

**EZY1364I** *mm/dd/yy hh:mm:ss* LISTENER *transactionid* DETECTED THAT TTLS IS *status* ON STACK *tcpname*

**Explanation:** The CICS Listener is defined with a GETTID parameter of YES which indicates that the listener is requested to attempt to obtain the connecting client certificates and user IDs from Application Transparent Transport Layer Security (AT-TLS). If status is DISABLED, then AT-TLS is disabled in the TCP/IP stack. Therefore, the listener is unable to obtain client certificates and user IDs as requested by the GETTID parameter. If status is ENABLED, then AT-TLS has been enabled in the TCP/IP stack, making it possible for the listener to obtain client certificates and user IDs.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the listeners CICS transaction.

*status* is the status of AT-TLS in the TCP/IP stack. *status* is either DISABLED or ENABLED.

*tcpname* is the name of the TCP/IP stack.

**System action:** The listener continues its normal processing, which includes attempting to obtain client certificates and User IDs.

**Operator response:** Contact the system programmer.

**System programmer response:** No response is needed if status is ENABLED. If status is DISABLED, then verify that the GETTID parameter of YES is correct in the listener definition. If so, request that your AT-TLS administrator investigate why AT-TLS is not enabled in the TCP/IP stack. See *Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide* for a description of the GETTID parameter.

See *Application Transparent Transport Layer Security (AT-TLS) Data Protection in z/OS Communications Server: IP*



Configuration Guide and Diagnosing AT-TLS problems in *z/OS Communications Server: IP Diagnosis Guide* for more information.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

| **EZY1365E** *mm/dd/yy hh:mm:ss* **LISTENER** *transactionid taskno* **IS NOT ACCEPTING REQUESTS ON PORT** *port*

| **Explanation:** The listener identified by the specified transaction ID and task number cannot process inbound connections because the listener's socket descriptor table is full.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

| *hh:mm:ss*

| The time (hours:minutes:seconds) of the message.

| *transactionid*

| The name of the listener's transaction that cannot accept new client connections.

| *taskno*

| The task number assigned by CICS.

| *port*

| The port number on which the specified listener is listening.

| **Example:**

| EZY1365E 01/19/06 10:07:33 LISTENER CSKL 0000079 IS NOT ACCEPTING REQUESTS AT PORT 3010

| **System action:** The listener does not accept new connections until the number of socket descriptors currently being processed by the listener is less than the value specified by the lesser of either the system MAXFILEPROC parameter or the listener user ID's FILEPROCMAX parameter.

| **Operator response:** Contact the system programmer.

| **User response:** No action needed.

| **System programmer response:** Perform any of the following actions as appropriate:

- | • If the ERRORTD log indicates that the child server transaction failed to take the client's given socket, then investigate the CICS region where the child server transaction runs.
  - | See the steps for diagnosing TCP/IP clients that are unable to connect in *z/OS Communications Server: IP Diagnosis Guide* for information about diagnosing child server transactions problems.
  - | See *CICS Problem Determination Guide* for information about CICS/TS problems.
- | • If the listeners NUMSOCK value is greater than or equal to the value specified by the MAXFILEPROC parameter, then perform one of the following actions:
  - | – Set the NUMSOCK value to be less than the MAXFILEPROC value using either the EZACICD macro or the EZAC configuration transaction and then restart the listener. See the information about configuring a CICS TCP/IP environment in *z/OS Communications Server: IP CICS Sockets Guide* for more information about using the EZACICD macro and the EZAC configuration transaction.
  - | – Set the MAXFILEPROC value to be greater than the NUMSOCK value using the SETOMVS system command. See the SETOMVS command information in *z/OS MVS System Commands* for information about dynamically changing the MAXFILEPROC option that z/OS UNIX System Services is currently using.
- | • If the listener user ID FILEPROCMAX value is less than the value specified by the NUMSOCK parameter, set the FILEPROCMAX value to be greater than the value specified by the NUMSOCK parameter. For more information about the FILEPROCMAX specification, see the documentation provided for the SAF product that is in use on your system. If you are using RACF, see the information about the FILEPROCMAX parameter in the *z/OS Security Server RACF Security Administrator's Guide*.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC02

## EZY1366E • EZY1367I

| **Routing code:** 1

| **Descriptor code:** 2

| **Automation:** This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

---

**EZY1366E** *mm/dd/yy hh:mm:ss* CICS/SOCKETS LISTENER TRANSACTION *tranid* IS ALREADY ACTIVE

**Explanation:** The IP CICS Sockets Listener determined that another listener with the same transaction ID is already active.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*tranid* is the CICS transaction identifier of the duplicate IP CICS Sockets Listener.

**System action:** The IP CICS Sockets Listener that issued this message ends.

**Operator response:** Contact the system programmer.

**System programmer response:** Change the Listeners CICS transaction identifier or port number to ensure that the definition is unique. See Setting up and configuring CICS TCP/IP in *z/OS Communications Server: IP CICS Sockets Guide* for more information about configuring the IP CICS Sockets Listener.

**Module:** EZACIC02

**Procedure Name:** Initialization

---

| **EZY1367I** *mm/dd/yy hh:mm:ss* SOCK# IP ADDRESS PORT CHILD

| **Explanation:** The listener was processing client connections when its TCP/IP stack ended. This message is issued when the listener has accepted sockets that were not taken by child server tasks. This message is a header message for the EZY1368I detail messages that follow. This message accompanies an EZY1363I message.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

| *hh:mm:ss*

| The time (hours:minutes:seconds) of the message.

| **Example:** Following is an example of the messages displayed when the stack has ended while the listener was processing data.

```
| EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
| EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
| EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
| EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
| EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
| EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
| EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
| EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

| **System action:** Processing continues.

| **Operator response:** No action needed.

| **User response:** No action needed.

| **System programmer response:** No action needed.

| **Problem determination:** Not applicable.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC02

| **Routing code:** 10

| **Descriptor code:** 12

| **Automation:** This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets  
| ERRORTD configuration option.

---

| **EZY1368I** *mm/dd/yy hh:mm:ss sock# ipaddr port tran*

| **Explanation:** The listener was processing client connections when its TCP/IP stack ended. This message is issued  
| when the listener has accepted sockets that were not taken by child server tasks. One EZY1368I message is issued for  
| each client connection that is being processed.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

| *hh:mm:ss*

| The time (hours:minutes:seconds) of the message.

| *sock#*

| The listener's socket number.

| *ipaddr*

| The client's IP address.

| *port*

| The client's port number.

| *tran*

| The child server's transaction ID. A blank child server transaction ID indicates that the ID has not yet been  
| determined.

| **Example:** Following is an example of the messages displayed when the stack has ended while the listener was  
| processing data.

```
EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

| **System action:** Processing continues.

| **Operator response:** No action needed.

| **User response:** No action needed.

| **System programmer response:** No action needed.

| **Problem determination:** Not applicable.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC02

| **Routing code:** 10

| **Descriptor code:** 12

| **Automation:** This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets  
| ERRORTD configuration option.

---

| **EZY1369E** *mm/dd/yy hh:mm:ss LISTENER transactionid taskno IS DELAYED, STACK tcpname IS UNAVAILABLE.*

| **Explanation:** The TCP/IP stack assigned to the specified listener is not active.

| In the message text:

| *mm/dd/yy*

| The date (month/day/year) of the message.

## EZY1370I

| *hh:mm:ss*  
| The time (hours:minutes:seconds) of the message.

| *transactionid*  
| The listener's transaction ID.

| *taskno*  
| The task number assigned by CICS.

| *tcpname*  
| The TCP/IP procedure name with which the listener had affinity.

| **Example:** The following is an example of the messages displayed when the stack has ended while the listener was processing data.

```
| EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
| EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
| EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
| EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
| EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
| EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
| EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
| EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

| **System action:** The listener releases any resources and connects to the TCP/IP stack specified by the *tcpname* value. If the connection fails because the stack is not active, then the listener delays using the time value specified by its RTYTIME configuration option and attempts to reconnect. See the TYPE=LISTENER information in *z/OS Communications Server: IP CICS Sockets Guide* for information about setting the listener's RTYTIME value.

| **Operator response:** Start or restart the TCP/IP address space specified by the *tcpname* value.

| **User response:** No action needed.

| **System programmer response:** No action needed.

| **Problem determination:** Not applicable.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC02

| **Routing code:** 1

| **Descriptor code:** 2

| **Automation:** This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

---

| **EZY1370I** *mm/dd/yy hh:mm:ss* LISTENER *transactionid* NUMSOCK *numsock* IS EQUAL TO OR GREATER THAN  
| MAXFILEPROC *maxfileproc*

| **Explanation:** A listener startup run-time check determined that the z/OS UNIX System Services MAXFILEPROC value was less than or equal to the listener's NUMSOCK value. The listener's accept processing pauses when the number of sockets that are supported by this listener exceeds the MAXFILEPROC value. No new connections are accepted until the number of sockets that are supported by this listener is less than the MAXFILEPROC value.

| In the message text:

| *mm/dd/yy*  
| The date (month/day/year) of the message.

| *hh:mm:ss*  
| The time (hours:minutes:seconds) of the message.

| *transactionid*  
| The listener's transaction ID.

| *numsock*  
| The number of sockets supported by this listener.

| *maxfileproc*  
 | The maximum number of descriptors for files, sockets, directories, and any other file-system objects that can be  
 | concurrently active or allocated by a single process.

| **Example:**

| EZY1370I 01/19/06 10:07:33 LISTENER CSKL NUMSOCK 2000 IS EQUAL TO OR GREATER THAN MAXFILEPROC 250

| **System action:** Processing continues.

| **Operator response:** Contact the system programmer.

| **User response:** No action needed.

| **System programmer response:** Perform one of the following actions:

- | • Set the NUMSOCK value to be less than the MAXFILEPROC value using either the EZACICD macro or the EZAC configuration transaction, and then restart the listener. See the information about configuring a CICS TCP/IP environment in *z/OS Communications Server: IP CICS Sockets Guide* for more information about using the EZACICD macro and the EZAC configuration transaction.
- | • Set the MAXFILEPROC value to be greater than the NUMSOCK value using the SETOMVS system command. See the SETOMVS command information in *z/OS MVS System Commands* for information about dynamically changing the MAXFILEPROC option that z/OS UNIX System Services is currently using.

| **Problem determination:** Not applicable.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC21

| **Routing code:** 10

| **Descriptor code:** 12

| **Automation:** This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

| **EZY1371E** *mm/dd/yy hh:mm:ss* **AUTOMATIC APPLDATA REGISTRATION FAILED FOR TRANSACTION=**  
 | *transactionid* **TASKNO=** *taskno* **ERRNO=** *errno*

| **Explanation:** The automatic registration of application data failed for the reason described by the *errno* value.

| In the message text:

| *mm/dd/yy*  
 | The date (month/day/year) of the message.

| *hh:mm:ss*  
 | The time (hours:minutes:seconds) of the message.

| *transactionid*  
 | The listener's transaction ID.

| *taskno*  
 | The task number assigned by CICS.

| *errno*  
 | The UNIX System Services return code for the SIOCSAPPLDATA IOCTL socket command. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*.

| **Example:**

| EZY1371E 07/01/06 10:07:33 AUTOMATIC APPLDATA REGISTRATION FAILED FOR  
 | TRANSACTION= CSKL TASKNO= 00000022L ERRNO= 55

| **System action:** The application continues.

| **Operator response:** Contact the system programmer.

| **User response:** Not applicable.

| **System programmer response:** See the information about automatically registering application data in z/OS

## EZY1372W • EZY1382E

| *Communications Server: IP Configuration Reference* for information about the socket commands affected by the automatic registration of application data. See the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes* for the action that you should take based on the SIOCSAPPLDATA IOCTL socket command return code.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

| **Module:** EZACIC01, EZACIC02

| **Routing code:** 10

| **Descriptor code:** 12

| **Automation:** This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

---

### EZY1372W Dataset \*.TCPIP.DATA not found

**Explanation:** The system could not find a \*.TCPIP.DATA data set to parse during initialization of the REXX™ socket interface.

**System action:** The program continues and attempts to use the default information.

**Operator response:** None.

**System programmer response:** None.

**Module:** SOCMVS

**Procedure Name:** INTFWRN

---

### EZY1373I RXSOCKET - REXX/SOCKETS (a component of 5694-A01):

---

#### EZY1374I REXX support for the TCP/IP Socket Interface

---

#### EZY1381I Allocating DD=*device* DSN=*data\_set\_name*

**Explanation:** The indicated device is allocating the specified data set for task-related storage.

**System action:** REXX Sockets continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** SOCMVS

**Procedure Name:** main

---

#### EZY1382E *task* failed; RC=*return\_code*, INFO=*dynalloc\_info*, ERROR=*dynalloc\_error*

**Explanation:** The indicated task was unsuccessful. The INFO=*dynalloc\_info*, ERROR=*dynalloc\_error* portion of the message only appears when *task* is ALLOCATE to indicate dynamic allocation.

*task* is the name of the task that failed.

*return\_code* portion of this message indicates why the task was unsuccessful.

*dynalloc\_info* is the DYNALLOC information reason code. See the *z/OS MVS Programming: Authorized Assembler Services Guide* for information about information reason codes from DYNALLOC.

*dynalloc\_error* is the DYNALLOC error reason code. See the *z/OS MVS Programming: Authorized Assembler Services Guide* for information about error reason codes from DYNALLOC.

**System action:** REXX Sockets continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Use the return code displayed in this message and the list of return codes in *z/OS Communications Server: IP and SNA Codes* to determine the cause of the error and respond as indicated. See the *z/OS MVS Programming: Authorized Assembler Services Guide* for information about information reason codes and error reason codes from DYNALLOC.

**Module:** SOCMVS

**Procedure Name:** main

---

**EZY1383I Dataset not found**

**Explanation:** A requested data set was not accessible to the host.

**System action:** Rexx Sockets continues.

**Operator response:** Notify the system programmer of the problem.

**System programmer response:** Make sure that the data set is in storage accessible to the host.

**Module:** SOCMVS

**Procedure Name:** main

---

**EZY1384E Return code *rc* from IRXSUBCM function**

**Explanation:** The specified function failed while trying to get storage.

**System action:** Rexx Sockets halts.

**Operator response:** Increase the region size for the application.

**System programmer response:** None.

**Module:** SOCMVS

**Procedure Name:** main

---

**EZY1385E Unable to acquire LOC=BELOW GETMAIN storage for QSAM DCB and exits**

**Explanation:** The Rexx Sockets failed while trying to get storage.

**System action:** Rexx Sockets halts. Application continues.

**Operator response:** Increase the region size for the application.

**System programmer response:** None.

**Module:** SOCMVS

**Procedure Name:** main

---

**EZY1386E Return code *rc* from GETMAIN SVC**

**Explanation:** The Rexx Sockets failed while trying to get storage.

**System action:** Rexx Sockets halts. Application continues.

**Operator response:** Increase the region size for the application.

**System programmer response:** None.

**Module:** SOCMVS

**Procedure Name:** main

---

**EZY1387E Product 5694-A01 (MVS TCP/IP) is not available**

**Explanation:** The Rexx Sockets failed when trying to access the TCP/IP JES control block.

**System action:** Rexx Sockets halts. Application continues.

**Operator response:** Contact system programmer.



## EZY1388E • EZY1401I

**System programmer response:** Make TCP/IP available to the application.

**Module:** SOCMVS

**Procedure Name:** main

---

### EZY1388E Return code xx from IDENTIFY SVC

**Explanation:** The Rexx Sockets could not identify the entry point for TCPERROR.

**System action:** Rexx Sockets halts. Application continues.

**Operator response:** Contact system programmer.

**System programmer response:** Verify that Rexx Sockets has been installed correctly.

**Module:** SOCMVS

**Procedure Name:** main

---

### EZY1389E Unable to acquire Dynamic Save Area storage

**Explanation:** The function GETMAIN, which is used to acquire storage, was unsuccessful. No storage is allocated.

**System action:** Rexx Sockets halts.

**Operator response:** Increase the region size for the application and retry.

**System programmer response:** Assist the user as necessary.

**Module:** SOCMVS

**Procedure Name:** main

---

### EZY1391E Unable to initialize Global DSA

**Explanation:** The host was unable to initialize the global dynamic storage area (DSA). This can occur due to lack of storage accessibility to the host.

**System action:** RXSOCKET halts. TCPIP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Increase the size of the storage region available to the application.

**Module:** SOCMVS

**Procedure Name:** main

---

### EZY1400I Unable to establish ESTAE exit; processing continues

**Explanation:** Rexx Sockets was unable to establish an Error State Exit.

**System action:** Rexx sockets continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Verify that Rexx Sockets was installed correctly.

**Module:** SOCMVS

**Procedure Name:** main

---

### EZY1401I REXX/SOCKETS anchor located via IRXSUBCM *address*

**Explanation:** This debug message displays the address of persistent storage used as the anchor.

**System action:** Rexx sockets continues.

**Operator response:** None.

**System programmer response:** None.



Module: SOCMVS

Procedure Name: INSTEP4

---

EZY1410E    **Abend** *abend code* detected in REXX/Sockets at *location*

---

EZY1411E    **REXX/Sockets loaded at** *rexx sockets location*; **Failing PSW:** *psw*

---

EZY1412E    *register numbers : register\_values*

**Explanation:** REXX/Sockets detected an abend. The abend code and the offset within the routine that caused the abend are displayed, followed by the location of the REXX/Sockets program, the Program Status Word (PSW) at the time of the abend, and the value of the general purpose registers.

**System action:** REXX/Sockets ends and returns control to the application.

**Operator response:** Determine the cause of the abend by referring to *z/OS MVS System Codes* manual for an explanation of the System abend codes. For more information, refer to the messages that usually follow these messages and are generated by the TSO/REXX abend handler.

**System programmer response:** None.

Module: SOCMVS

Procedure Name: STAEGOOD

---

EZY1421I    *service* **SERVICE CALL Socket call:** *socket\_call*

---

EZY1422I    **Return\_value** *retval* hex

---

EZY1423I    **Return\_code** *retcode* hex

---

EZY1424I    **Reason\_code** *rsncode* hex

**Explanation:** These messages show the return information from the z/OS UNIX System Services used to implement the REXX sockets API when SOCKDEBUG is specified in the TCPIP DATA data set. The BPXxxxx service call is *service* and the name of that service is *socket\_call*.

For example: EZY1421I BPX1SOC SERVICE CALL Socket call: socket

These services, and the associated return information, are documented in *z/OS UNIX System Services Programming: Assembler Callable Services Reference*.

**System action:** REXX/Sockets continues.

**Operator response:** None.

**System programmer response:** None.

Module: RXSOCKET

Procedure Name: TRACER

---

EZY1870E    **CANNOT LOAD** *module* **ROUTINE.**

**Explanation:** An attempt to load the indicated module into virtual storage was unsuccessful. Control is returned to the operating system with an error code indicating that a LOAD failure occurred.

**System action:** The task initialization function is terminated.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Check that the identified module resides in a library that is accessible to the MVS platform code. See *z/OS Communications Server: IP Configuration Reference* for information about required library residence for TCPIP components.

## EZY1876I • EZY1890I

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

**EZY1876I** *server* **STACK FUNCTIONS STARTED WITH PARAMETER** *profile*.

**Explanation:** Informational message displayed every time a TCPIP server or TCPIP is invoked. The *profile* parameters for each started server are displayed.

**System action:** The system continues invoking TCPIP and required services.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** Mainline code

---

**EZY1877I** *module* **STACK FUNCTIONS SHUTDOWN IS COMPLETE, RC =** *rc*.

**Explanation:** This message displays on the operator console after shutdown has completed for the load indicated by *module*. If the function indicated by *module* terminated normally, then RC = 0. If the function indicated by *module* terminated abnormally, then RC = 200.

**System action:** The function indicated by *module* terminates.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

**EZY1889I** **MVP I/O Interrupt from** *device number* **CSW=***channel status word*.

**Explanation:** This message displays if the debug option is used. The MVS platform processed an I/O interrupt on the indicated device. If the device number displayed is 01, the device is a fake device.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcIO

---

**EZY1890I** **MVP CheckUserID for** *user id*, **rc =** *rc*, **rsn =** *reason*.

**Explanation:** This message displays if the debug option is used. The MVS platform called the SAF interface to check a user ID. This message displays the user ID that was entered and a return and reason code. If the return code is not zero, the user ID is not valid.

**System action:** TCPIP continues.

**Operator response:** Check and make sure that the syntax of the user ID is correct and that the ID is set up in the MVS system. See your system administrator for help with this message.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL

**Procedure Name:** CHECKUID

---

---

**EZY1891I MVP CCW to start=ccw**

**Explanation:** This message displays if the debug option is used. The MVS platform channel command word (CCW) to be issued is displayed. CCWs have either of two different formats. The two formats do not differ in the information contained in the CCW but only in the arrangement of the fields within the CCW. The formats are designated format 0 and format 1. Format 0 CCWs can be located anywhere in the first 16Mb of main storage. Format 1 CCWs can be located anywhere in main storage.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPEXCP

**Procedure Name:** SCC1

---

**EZY1892I MVP HaltIO to device *device* issued.**

**Explanation:** This message displays if the debug option is used. The MVS platform halt I/O routine (MVPEXCPH) was invoked for the indicated device.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPEXCP

**Procedure Name:** MVPEXCPH

---

**EZY1894I MVP OCM Invoked Operator (or) Start (or) Stop (or) Modify (or) Unknown**

**Explanation:** This message is issued if the debug option is used. **Operator** indicates that the operator communication routine is invoked. **Start**, **Stop**, and **Modify** specifies which command was requested. **Unknown** indicates that MVP does not recognize the command received.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** MVPOCM1

---

**EZY1895I MVP DEBUG table entry: *keyword*= ON (or) OFF**

**Explanation:** This message displays when the debug option is used. The indicated command and its switch setting are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** Dval

---

**EZY1896I MVP action Control Register 0 = *value*.**

**Explanation:** This message displays if the debug option is used. The read control register 0 and the set control register 0 routines are called to update control register 0. These are part of a list of tasks required to disable the reception of virtual machine communication facility (VMCF). For more information, refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

## EZY1897I • EZY1900I

*action* is the action the function performed against the value in Control Register 0. The action will be either Read or Set.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOSM

**Procedure Name:** READC0, SETC0

---

**EZY1897I MVP Received Ext Interrupt Code=*ext\_code*.**

**Explanation:** This message displays if the debug option is used. MVP received the indicated external interrupt code.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt

---

**EZY1898I MVP Setting Ext Interrupt Type=*type* Value=*value***

**Explanation:** This message is displayed if the debug option is used. The PC external interrupt routine was set. The interrupt type and the clock comparator value is displayed. Valid type is external timer at (X'1004').

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPEXTR

**Procedure Name:** MVPEXTR

---

**EZY1899I MVP Ext Interrupt subclass *ext\_code* is disabled, C0=*current control register 0*.**

**Explanation:** This message is displayed if the debug option is used. An external interrupt code was disabled and the current control register zero (CR0) is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt

---

**EZY1900I MVP Clock Comparator Interrupt overridden by a new one.**

**Explanation:** This message displays if the debug option is used. The external interrupt has been replaced by a new interrupt with a later clock comparator value.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt

---

**EZY1901I** MVP Close failed, *number I/Os outstanding for address*.

**Explanation:** This is displayed if the debug option is used and the devices indicated have failed to close. This could occur as a result of the function *FindODB* not being able to find the I/O devices to shut down.

**System action:** TCPIP continues.

**Operator response:** Make sure that you have specified the correct physical or channel addresses of the I/O devices that you want to close.

**System programmer response:** Assist the operator as necessary.

**Module:** MVPCLOSE

**Procedure Name:** Mainline code

---

**EZY1902I** MVP Close Halt failed, *number I/Os for address Halt Rc=code*.

**Explanation:** This message is displayed if the debug option is used. This indicates that when an I/O failed to close, the *HALT* function was called to stop the indicated addresses but the device did not stop processing.

**System action:** The I/O devices will fail to halt processing.

**Operator response:** Stop the indicated devices using normal or abnormal shut down procedures and restart the devices if necessary.

**System programmer response:** Assist the operator if necessary.

**Module:** MVPCLOSE

**Procedure Name:** Mainline code

---

**EZY1903I** MVP Task did not close *ddname name*.

**Explanation:** This message displays if the debug option is used. The *ddname* indicated was not closed before the TCPIP task ended.

**System action:** TCPIP continues with termination.

**Operator response:** Make sure that the *ddname* is valid and that it exists in the volume defined to the MVS system. If you require help with this message, contact the IBM Software Support Center.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL

**Procedure Name:** DEBCHECK

---

**EZY1904I** MVP Application return *routine rc* to MVPTASK routine.

**Explanation:** This message displays if the debug option is used. MVPTASK was called to process the initial platform attached routine. The routine return code is displayed indicating a return from the task.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTASK

**Procedure Name:** MVPTASK

---

**EZY1905I** MVP Diagnose Number *DiagCode* issued:

**Explanation:** This message displays if the debug option is issued. It indicates the diagnose 7C subfunction code requested. This message should be followed by message EZY1906I, which specifies the registers allocated for this function.

**System action:** TCPIP continues.

## EZY1906I • EZY1910E

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDODG

**Procedure Name:** IssueDia

---

### EZY1906I MVP Registers: *Regs1 Regs2 Regs3 Regs4*

**Explanation:** This message displays if the debug option is issued. It follows message EZY1905I or message EZY1929I. This message indicates the registers assigned for the functions described in either of the two preceding messages mentioned.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDODG

**Procedure Name:** IssueDia

---

### EZY1907E MVP Diagnose *code* ignored, not supported yet.

**Explanation:** The module responsible for the initial handling of the Diagnose functions simulated by the MVS platform code received a request specifying a Diagnose function code that was not present in the simulation support. The incorrect Diagnose function code is identified in the message text. Control is returned to the calling module with a condition code of 0 and an error reason code of 0.

**System action:** The invocation of MVPDODG is terminated immediately after issuing the message.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** This error message is caused either by a programming error in the calling module or by corruption of the parameter list passed to the Diagnose simulation supervisor. Gather all available supporting documentation, and contact the IBM Software Support Center.

**Module:** MVPDODG

**Procedure Name:** Mainline code

---

### EZY1910E MVP Diag7C subfunction *code* not supported.

**Explanation:** The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an input parameter representing a Diagnose X'7C' subfunction code that was not valid. The message text identifies the incorrect subfunction code. The following subfunction codes are simulated by the MVS platform:

- Initiate (code 1)
- Accept (code 2)
- Present (code 3)
- Terminate (code 4)
- Terminate\_All (code 5)
- Status (code 6)
- Break (code 1000)

See the appropriate VM *System Facilities for Programming* publication for information about the LDSF (under the subject area Diagnose X'7C'). The simulation provided by the MVS platform is used in conjunction with Telnet support. The subfunction code 1000 is an MVS-only code used to provide support for a line-mode Break.

**System action:** Control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 1 and an error reason code of 1. The invocation of MVPDG7C is terminated immediately. The Telnet server module subsequently fails the request it was processing at the time of the error.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** This error message is caused either by a programming error in the associated Telnet server module or by corruption of the parameter list passed to the LDSF simulation routine. Gather all available

supporting documentation, and contact the IBM Software Support Center.

**Module:** MVPDG7C

**Procedure Name:** Mainline code

---

**EZY1912I MVP Diag7C Initiate-Accept followed by Status not supported.**

**Explanation:** The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an Initiate request with a parameter list specifying that an Initiate-Accept followed by a Status should be performed. This capability is not supported by the simulation facilities present in the MVS platform code.

**System action:** The invocation of MVPDG7C is terminated immediately after issuing the message, and control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 3 and an error reason code of 3. The Telnet server module subsequently fails the Initiate request that it was processing at the time of the error.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Because specification of this processing sequence depends on the value passed in the high-order byte of the second input parameter, a programming error in the calling module is the most probable cause. Corruption of the parameter list passed to the LDSF simulation routine is also a possible cause. Gather all available supporting documentation, and contact the IBM Software Support Center.

**Module:** MVPDG7C

**Procedure Name:** FINIT

---

**EZY1913E MVP Diag7C Initiate-Logical Device specification not supported.**

**Explanation:** The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an Initiate request with a parameter list specifying that session initiation should be performed for a specific logical device address. This capability is not supported by the simulation facilities present in the MVS platform code.

**System action:** The invocation of MVPDG7C is terminated immediately after issuing the message, and control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 3 and an error reason code of 4. The Telnet server module subsequently fails the Initiate request that it was processing at the time of the error.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Because specification of this processing option depends on the value passed in the high-order byte of the second input parameter, a programming error in the calling module is the most probable cause. Corruption of the parameter list passed to the LDSF simulation routine is also a possible cause. Gather all available supporting documentation, and contact that IBM Software Support Center.

**Module:** MVPDG7C

**Procedure Name:** FINIT

---

**EZY1916I MVP VTAM Request *request* not supported.**

**Explanation:** This message displays if the debug option is used. The MVS VTAM interface received a request that is not supported. The command is ignored.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Find what is issuing the request and correct it. Contact the IBM Software Support Center if assistance is required.

**Module:** MVPVTWK

**Procedure Name:** MVPVTWK

---



## EZY1917I • EZY1927I

---

### EZY1917I MVP VTAM Send\_Msg ignored, not supported.

**Explanation:** This message displays if the debug option is used. The MVS VTAM interface received a request for Send\_Msg that is not supported. The request is not honored.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPVTWK

**Procedure Name:** MVPVTWK

---

### EZY1921I MVP VTAM asked to initiate token, not implemented.

**Explanation:** This message displays if the debug option is used. The MVS VTAM interface received a request to initiate a session. This request is not supported by TCP/IP. The session ID or token requested is displayed.

**System action:** TCPIP continues. If the token does not already exist, TCPIP sends a terminate request to VTAM for this token.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** Identify what is sending the initiate request from VTAM to TCP/IP and stop it. Contact the IBM Software Support Center for assistance if required.

**Module:** MVPVTWK

**Procedure Name:** MVPVTWK

---

### EZY1926I MVP Received LDSF Ext Int: ext\_code, Flag=LDSF\_byte130 Reason=LDSF\_reason.

**Explanation:** This message displays if the debug option is used. The MVS platform received an LDSF type external interrupt. The interrupt code, flag and reason code are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt

---

### EZY1927I MVP Attach of module failed with return code rc.

**Explanation:** The module responsible for attaching subtasks running under the MVS platform failed to attach the indicated module as a subtask of the platform. The return code from the ATTACH invocation is identified in the message text.

**System action:** MVPATT posts the entry control block (ECB), for which MVPCALL is waiting, with a completion code indicating that the ATTACH failed. It then returns to a WAIT state, waiting on its list of ECBs. MVPCALL returns to its caller with a return code indicating that the requested subtask creation was unsuccessful. The calling module subsequently fails the underlying request.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** See the applicable MVS *Application Development Reference: Services for Assembler Language Programs* publication for information about the given ATTACH return code. If the error is because of an insufficient region size, make the appropriate adjustments, and restart the task. For return codes indicating logic errors, a programming error in either the MVS platform code or the module to be attached is probable. Gather all available supporting documentation, and contact the IBM Software Support Center. The following are the possible return codes and their descriptions:

Return Code	Description
-------------	-------------



0	Success
4	Was issued in a specify task abnormal exit (STAE)
6	No more storage
12	Invalid exit address or invalid parameter list address

**Module:** MVPATT

**Procedure Name:** Mainline code

---

**EZY1928I** MVP Attached *module* successfully.

**Explanation:** The indicated module was attached successfully by the MVS platform.

**System action:** MVPATT posts the ECB, for which MVPCALL is waiting, with a successful completion code indicating that the ATTACH to the *module* was successful.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPATT

**Procedure Name:** Mainline code

---

**EZY1929I** MVP Diagnose Number *DiagCode* returned *CondCode* *code*

**Explanation:** This message displays if the debug option is issued. The requested diagnose code and a condition code are displayed. This message will be followed by message EZY1906I, which indicates the registers accessed for this function.

**System action:** TCPIP continues.

**Operator response:** Refer this to the system programmer.

**System programmer response:** Check the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information regarding the condition code received, and respond accordingly. Make sure the diagnose code number is valid.

**Module:** MVPDODG

**Procedure Name:** IssueDia

---

**EZY1935I** MVP Pwd Check failed *password/?????*, *rc* = *rc*, *rsn* = *reason*.

**Explanation:** This message displays if the debug option is used. The MVS platform called the SAF interface to check the password of a user ID. The password was not valid. Access is denied.

**System action:** TCPIP continues.

**Operator response:** Make sure that you used the correct syntax for the password for the indicated user ID. If you still have problems, it could be that the password is not set up accordingly. Refer this to your system administrator for correction.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL

**Procedure Name:** CHECKPWD

---

**EZY1936I** MVP *access req. access to data set name on vol for user id* failed, *Rc* = *rc*, *Rsn* = *code*.

**Explanation:** This message displays if the debug option is used. Access to the requested data set failed. Refer to *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about return codes.

**System action:** TCPIP continues.

**Operator response:** Respond as indicated by the return code. Reissue your access request.

**System programmer response:** Assist the user as required.

## EZY1937I • EZY1944I

**Module:** MVPUTIL

**Procedure Name:** DEBUGMSG

---

**EZY1937I** MVP *system subsystem unavailable. system functions will fail.*

**Explanation:** During a scan of the Subsystem Communication Vector Table (SSCVT) control blocks, the platform code could not locate the SSCVT associated with the indicated subsystem.

**System action:** The task is terminated, and control is returned to the system with a task completion code of 600. When the error occurs in module MVPVXI (implying a failure during the initialization of the Virtual Machine Communication Facility (VMCF) subsystem itself), subsystem initialization is terminated, and control is returned to the system with a completion code of 4000.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Check that the identified subsystem is created and initialized during system initialization. The subsystems should be defined to MVS using the SYS1.PARMLIB member IEFSSNxx. Refer to *ESA SPL: Initialization and Tuning* for information about this process. Make corrections to the definitions as necessary. If the definitions are correct, check for previous operator messages that might indicate why the particular subsystem failed to initialize. See the appropriate *System Messages* book for information about possible error messages from subsystem processing. A programming error is the most probable cause of the problem if subsystem processing error messages occur. If the problem cannot be remedied by modifications to subsystem definitions, gather all available documentation, and contact the IBM Software Support Center.

**Module:** MVPMAIN, MVPXVI

**Procedure Name:** LOCCVT

---

**EZY1940I** MVP VMCF Function *function invoked.*

**Explanation:** This message displays if the debug option is used. It indicates the virtual machine communication facility (VMCF) function passed to TCPIP.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOVM

**Procedure Name:** SENDVMCF

---

**EZY1944I** MVP Help *message*

**Explanation:** This message indicates that the help facility has been invoked for the "Modify" command. The following list displays the different subcommands accepted for the Modify command:

### Command

#### Description

#### WakeVTAM

Posts VTAM Q.

**Dump** Cause program interrupt in MVPOCM, which gets a dump and terminates TCPIP.

#### StopVTAM

Queues STOP to VTAM Interface task.

**LUact** Activate or reactivate a logical unit to TCPIP.

#### LUinact

Deactivate a logical unit to TCPIP.

**LUstat** Show logical status to TCPIP.

**Debug** Displays all switches and their state.

**Debug** *switch-name* (On, Off, or Display).

**Note:** The debug command is used to turn switches on or off, or display its attributes.

**DfltAppl**

Change Transparent default application name.

**LineAppl**

Change default line mode application name.

**DmpReset**

Allow another dump to be taken in case of error.

**DumpIsaQ**

Print out MVPISAQ areas.

**DumpVtbl**

Print out VTAM Application, LU, IP, and mapping tables.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

| **EZY1945I MVP Maximum number of MODIFY commands queued to SMTP**

| **Explanation:** Twenty MODIFY *smtpprocname,SMMSG* commands are currently in the simple mail transfer protocol (SMTP) queue. Wait for SMTP to process the current SMMSG commands before issuing more MODIFY *smtpprocname,SMMSG* commands.

| **Example:** None.

| **System action:** SMTP continues.

| **Operator response:** Attempt to issue the next MODIFY *smtpprocname,SMMSG* command at a later time. If SMTP still does not accept MODIFY *smtpprocname,SMMSG* commands, contact the system programmer.

| **User response:** Not applicable.

| **System programmer response:** Determine whether SMTP is currently processing a large JES spool file. If it appears that SMTP has stopped, take a dump of the SMTP address space and contact the IBM Service Center with the SMTP job log. See the information about diagnosing SMTP problems in *z/OS Communications Server: IP Diagnosis Guide* for more information.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: SMTP

| **Module:** MVPOCM

| **Routing code:** Output is returned to the user.

| **Descriptor code:** Output is returned to the user.

| **EZY1946I MVP SMMSG syntax is not valid.**

| **Explanation:** The syntax specified on the MODIFY *smtpprocname,SMMSG* command is not valid. Issue a MODIFY *smtpprocname,SMMSG,HELP* command to see the valid options.

| **Example:** None.

| **System action:** SMTP continues.

| **Operator response:** Correct the error and issue the command again. For a list of valid SMMSG commands, issue the MODIFY *smtpprocname,SMMSG,HELP* command.

| **User response:** Not applicable.

| **System programmer response:** Not applicable.

## EZY1947I • EZY1951I

- | **Problem determination:** None.
- | **Source:** z/OS Communications Server TCP/IP: SMTP
- | **Module:** MVPOCM
- | **Routing code:** Output is returned to the user.
- | **Descriptor code:** Output is returned to the user.

---

### EZY1947I MVP Invalid command *command*.

- | **Explanation:** The MVS platform received a command that is not valid for an application. See the MODIFY command information in *z/OS Communications Server: IP System Administrator's Commands* for a list of valid commands and their descriptions.

- | **System action:** The application continues.

**Operator response:** Reissue your request using a valid command.

**System programmer response:** Assist the operator if required.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

### EZY1948I MVP Default Application is now *name*.

**Explanation:** The new default application name (for either transparent or line mode) is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

### EZY1950I MVP IUCV Query: Rc=*rc* IpRcode=*code* IpAudit=*name*.

**Explanation:** This message displays if the debug option is issued. An inter-user communication vehicle (IUCV) function was called. A system return code, IP return code, and IP audit address are displayed in this departing message from an IUCV function.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Respond as indicated by the IP return code for help in resolving any errors. A list of IP error codes and system return codes and their descriptions can be found in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MVPDOIUC

**Procedure Name:** Depart

---

### EZY1951I MVP VMCF terminated: Cannot function without TNE.

**Explanation:** During the Virtual Machine Communication Facility (VMCF) address space initialization processing, a scan of the Subsystem Communication Vector Table (SSCVT) control blocks was performed, but the code could not locate the SSCVT associated with the Termination Notification Facility (TNF) subsystem. (The VMCF and TNF subsystems provide simulations of facilities provided by the VM operating system for the MVS platform code.)

**System action:** The VMCF subsystem initialization is terminated and control is returned to the system with a completion code of 5000.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Check that the Termination Notification Facility (TNF) subsystem is created and

initialized during system initialization. The subsystem should be defined to MVS using the SYS1.PARMLIB member IEFSSNxx. Refer to *z/OS Communications Server: IP Configuration Reference* and *ESA SPL: Initialization and Tuning* for information about this process. Make corrections to the definitions, as necessary. If the definitions are believed to be correct, check for previous operator messages that might indicate why the TNF subsystem failed to initialize. See the appropriate *System Messages* book for information about possible error messages from subsystem processing. A programming error is the most probable cause of the problem if subsystem processing error messages occur. If the problem cannot be remedied by modifications to subsystem definitions, gather all available documentation, and contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** Mainline code

**EZY1952I MVP SSI: IEFSSREQ Process Sysout failure, rc=rc.**

**Explanation:** This message displays if the debug option is used. The subsystem request process failed as indicated by *rc*.

In the message text:

*rc* the *rc* value, minus a decimal value of 100, is the JES SSI return code.

**System action:** TCPIP continues.

**Operator response:** Refer any problems to the system programmer.

**System programmer response:** This message is used for debugging purposes only. For an explanation of the JES SSI return code, see the return code information for SSI Function Code 1 in the *z/OS MVS Using the Subsystem Interface*. Refer any questions to the IBM Software Support Center.

**Module:** MVPSSI

**Procedure Name:** MVPSSI1

**EZY1953I MVP SSI: SSOBRETN Process Sysout failure, rc=rc.**

**Explanation:** This message displays if the debug option is used. The subsystem interface failed as indicated by *rc*.

In the message text:

*rc* the *rc* value, minus a decimal value of 1000, is the JES SSOB return code.

**System action:** TCPIP continues.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** This message is used for debugging purposes only. For an explanation of the JES SSOB return code, see the SSOBRETN return codes for SSI Function Code 1 in the *z/OS MVS Using the Subsystem Interface*. Refer any questions to the IBM Software Support Center.

**Module:** MVPSSI

**Procedure Name:** MVPSSI1

**EZY1954I MVP SSI: Process Sysout rc=rc, no data sets to select.**

**Explanation:** This message displays if the debug option is used. The subsystem interface request could not complete because no data sets were found to select.

In the message text:

*rc* is the JES SSOB return code SSSOEODS (no more data sets to select).

**System action:** TCPIP continues.

**Operator response:** Make sure that you define a job data set for the subsystem interface to process. Make sure that you follow correct data set naming conventions as described in *z/OS Communications Server: IP Configuration Reference*.

**System programmer response:** Assist the operator if required.

**Module:** MVPSSI

## EZY1955I • EZY1958I

Procedure Name: MVPSSI1

---

**EZY1955I MVP SSI: Process Sysout rc=rc, Job not found.**

**Explanation:** This message displays if the debug option is used. The subsystem interface could not locate a specified job name.

In the message text:

*rc* is the JES SSOB return code SSSONJOB (job not found).

**System action:** TCPIP continues.

**Operator response:** Make sure you define a correct job name to the subsystem interface routine for SMTP.

**System programmer response:** Assist the operator if required.

**Module:** MVPSSI

Procedure Name: MVPSSI1

---

**EZY1956I MVP SSI: Selected Job: number # job id.**

**Explanation:** This message displays when the debug option is used. The MVS platform subsystem interface called the routine that gets a job and allocates a data set for SMTP. The indicated job number and ID for the obtained job are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPSSI

Procedure Name: MVPSSI1

---

**EZY1957I MVP SSI: DYNALLOC Return code(s) rcode(s).**

**Explanation:** This message displays if the debug option is used. The MVS subsystem interface routine was called to dynamically allocate a data set. The indicated return codes are displayed. Any return code other than 0 indicates an error in allocating the data set.

**System action:** TCPIP continues.

**Operator response:** Refer any errors to the system programmer.

**System programmer response:** Data set naming conventions are normally the main cause of errors in the dynamic allocation routine. Refer to *z/OS Communications Server: IP Configuration Reference* for more information about dynamically allocating data sets.

**Module:** MVPSSI

Procedure Name: MVPSSI1

---

**EZY1958I MVP SSI: Allocate Job return rc job ddname.**

**Explanation:** This message displays if the debug option is used. The MVS platform subsystem interface was invoked to allocate a call. The job number, ddname, and return code are displayed. If the return code is nonzero, the call is not allocated.

**System action:** TCPIP continues.

**Operator response:** Refer to the system programmer if the return code is nonzero.

**System programmer response:** If the return code is 8, this could indicate that the job number, ddname, or both are not valid. Check the job number or ddname and make sure that they are identified correctly to the subsystem interface. Correct the error and reinitiate the subsystem interface. If you continue to have problems with this message, contact the IBM Software Support Center.

**Module:** MVPSSI

**Procedure Name:** MVPSSI2

**EZY1959I MVP SSI: Free Job return *rc job action*.**

**Explanation:** This message displays if the debug option is used. The MVS platform subsystem interface was invoked to free a call. The job number, action requested, and return code are displayed. If the return code is nonzero the call is not freed.

**System action:** TCPIP continues.

**Operator response:** Refer to the system programmer if the return code is nonzero.

**System programmer response:** If the return code is 8, this could indicate that the action requested, job number, or both are not valid. Correct the error and reinitiate the subsystem interface. If you continue to have problems with this message, contact the IBM Software Support Center.

**Module:** MVPSSI

**Procedure Name:** MVPSSI3

**EZY1960I MVP SSI: MVPSSIW, *state* received.**

**Explanation:** This message displays if the debug option is used. The MVS subsystem interface that waits for a JES file was called. The *state* of the call could be **Enable**, which specifies to look for a file or **Disable**, which specifies not to look for a file. If the state indicated is **Bad Post**, then an error occurred while posting the event control block (ECB).

**System action:** TCPIP continues.

**Operator response:** Refer any problems to the system programmer.

**System programmer response:** If the message indicates a bad post, you will need to gather all source information and any dumps that might be required and contact the IBM Software Support Center for help.

**Module:** MVPSSIW

**Procedure Name:** MVPSSIW

**EZY1961I MVP SSI: MVPSSIW, Got Job *job* to handle.**

**Explanation:** This message displays if the debug option is used. The MVS platform subsystem interface got the job indicated and will continue processing.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPSSIW

**Procedure Name:** MVPSSIW

**EZY1962I MVP SSI: MVPSSIW, No Job to handle.**

**Explanation:** This message displays if the debug option is used. The MVP platform subsystem interface was called to determine if there were any jobs to process, but no jobs were found.

**System action:** TCPIP continues.

**Operator response:** Normally, this message does not reflect an error situation, but only indicates that there are no jobs to process. If errors occurred during subsystem interface processing, messages EZY1952I–EZY1955I might have been issued to report the error. If there are jobs to process, make sure that you have identified a correct job number to the subsystem interface. Reinitiate the interface after correcting the problem.

**System programmer response:** Assist the user as required.

**Module:** MVPSSIW



## EZY1963I • EZY1966I

**Procedure Name:** MVPSSIW

---

**EZY1963I MVP SSI: Query called *jobid* Rcode=*queryrc*. (or) Allocate called *jobid allocddn* Rcode=*allocrc*. (or) Free called *jobid action* Rcode=*freerc*.**

**Explanation:** This message displays if the debug option is used. The RDRQUERY, RDRALLOC, or the RDRFREE function is called to select, allocate, or free a job's data set for the subsystem interface. A job ID and a return code are returned for each function. The data set name is displayed when the allocate function is called, and an *action* indicating whether the data set has been freed is also displayed.

**System action:** TCPIP continues.

**Operator response:** Refer any errors to the system programmer.

**System programmer response:** Refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about return codes, and respond accordingly.

**Module:** MVPDOSI

**Procedure Name:** RDRQUERY, RDRALLOC, RDRFREE

---

**EZY1964I MVP SSI: Interrupt called 0 (or) 1 Rcode=*rc*.**

**Explanation:** This message is issued when the debug option is used. The RDRINT routine was called. This routine turns on or off the ability for the subsystem interface to accept interrupts from the MVS platform. Any return code other than 0 indicates a problem with this routine.

**System action:** TCPIP continues.

**Operator response:** Refer any errors to the system programmer.

**System programmer response:** Refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about return codes. Respond to any bad return codes as indicated.

**Module:** MVPDOSI

**Procedure Name:** RDRINT

---

**EZY1965I MVP SSI: MVPSSIW, wait for file task started | ended.**

**Explanation:** This message displays if the debug option is used. This messages marks the start or the end of the MVS subsystem interface that waits for a JES file.

**System action:** Task ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPSSIW

**Procedure Name:** MVPSSIW

---

**EZY1966I MVP Racf R15 = *rc*, SAFPRRET = *rc*, SAFPRREA = *reason*.**

**Explanation:** This message displays if the debug option is used. The MVS system called the SAF interface to define a resource profile for a user ID and data set combination. A return code, system return code, and reason code are displayed.

**System action:** TCPIP continues.

**Operator response:** Respond as indicated by the return and reason codes. For more information about return codes, refer to *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*. For more information about RACF see *z/OS Security Server RACROUTE Macro Reference*. If you need additional help with this message, call the IBM Software Support Center.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL



**Procedure Name:** CHECKDSN

---

**EZY1967I MVP RACSTAT Rc=rc.**

**Explanation:** This message displays if the debug option is used. The MVS platform called the SAF interface to check if a security product is active. A return code of 0 indicates that the product is active. A return code other than 0 indicates that the product is not active.

**System action:** TCPIP continues.

**Operator response:** If the security product should be active and it is not, refer this to the system programmer.

**System programmer response:** Start the security product or perform an analysis on the product for information about why the product is not active.

**Module:** MVPUTIL

**Procedure Name:** DEBUGMSG

---

**EZY1968I MVPAUTH: Getmain Rc=code**

**Explanation:** This message is displayed if the debug option is used. The function *Getmain* which gets storage for the allocation of data sets has returned with the indicated return code, specifying that storage is not available. The data set function could not be processed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** See *z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG* for any help in resolving return codes. None.

**Module:** MVPAUTH

**Procedure Name:** Internal\_Auth\_Check

---

**EZY1969I MVPAUTH: Freemain Rc=code**

**Explanation:** This message is displayed if the debug option is used and the indicated data set in message EZY1970I could not be located. Storage might have been freed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Respond as indicated by the return code. For information about MVS return codes affecting the Freemain function, see *z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG*.

**Module:** MVPAUTH

**Procedure Name:** Internal\_Auth\_Check

---

**EZY1970I MVPAUTH: DSN=data set name Locate Rc=code**

**Explanation:** This message is displayed if the debug option is used and the indicated data set could not be located. If the return code is zero, then the indicated data set has been located.

**System action:** TCPIP continues.

**Operator response:** Check the syntax of the data set requested and make sure that it is a valid data set. Reissue your request with the correct data set name.

**System programmer response:** None.

**Module:** MVPAUTH

**Procedure Name:** Internal\_Auth\_Check

---

## EZY1972I • EZY1976I

---

**EZY1972I** MVP VMCF Function *function: Rc=return code*

**Explanation:** This message displays if the debug option is used. Displayed is the VMCF function called by TCP/IP and the resulting return code.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOVM

**Procedure Name:** SENDVMCF

---

**EZY1973I** MVP IUCV: *function invoked.*

**Explanation:** This message displays if the debug option is issued. An inter-user communication vehicle (IUCV) function was called.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOIUC

**Procedure Name:** Welcome

---

**EZY1974I** MVP Issued Command: *Rc=rc R0=r0 "command text".*

**Explanation:** This message displays if the debug option is used. The MVS system received the indicated command. A return code and register 0 data (address space ID) are returned. If the return code is not zero, the command failed for START command.

**System action:** TCPIP continues.

**Operator response:** If the return code is not zero, check the syntax of the command issued and make sure it is correct. Make sure that the command is valid for the MVS system. If you continue to experience problems with this message, contact the IBM Software Support Center.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL

**Procedure Name:** Do\_Command

---

**EZY1975I** Attached task at address *address* starting.

**Explanation:** This message displays if the debug option is used. The asynchronous caller routine was called to attach a task. This message indicates that the asynchronous caller routine will attach a task for the routine with entry point of address to run under.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPCCALI

**Procedure Name:** MVPCCALI

---

**EZY1976I** *load module name* cannot Stop until started, try later.

**Explanation:** This message is issued if the debug option is used. The MVS platform received a command to stop the indicated load module, but it has not been started.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** MVPOCM1

**EZY1977I TaskExist rc task rc for user user id Asid tasksid**

**Explanation:** This message displays if the debug option is used. The routine to check if a task exists is called to check if the requested task is available. The return code, user ID, and address space ID are displayed.

**System action:** TCPIP continues.

**Operator response:** Refer any errors to the system programmer.

**System programmer response:** Refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for any information about error codes, and respond accordingly.

**Module:** MVPDOSY

**Procedure Name:** TASKEXIS

**EZY1978I MVP Error setting Ext Interrupt STIMER(M) rc=rc**

**Explanation:** This message displays if the debug option is used. The MVS platform received an error setting up an external interrupt or the interrupt type is not valid.

**System action:** TCPIP continues.

**Operator response:** Refer any problems to the system programmer.

**System programmer response:** The following table shows the possible return codes and their descriptions:

Code	Description
4	Request completed with problems.
8	Request could not be performed.
12	Error detected in an input parameter.
16	A system error occurred while performing the requested function.
99	Invalid interrupt type.

Respond to the return code as indicated. Call the IBM Software Support Center for additional help with this error.

**Module:** MVPEXTR

**Procedure Name:** MVPEXTR

**EZY1980E module terminating due to previous error(s).**

**Explanation:** The initialization of the application indicated by the *module* value failed as a result of unrecoverable errors. This message is issued for one of the following reasons:

- If this message is preceded by message number EZY1870, then the MVPTASK load module could not be loaded.
- If this message is preceded by message number EZY1981, then there was insufficient storage available.
- The VMCF and TNF subsystems are not active.

**System action:** The application ends.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Perform one of the following actions based on the reason for which this message was issued:

- If this message is preceded by message number EZY1870, verify that the MVPTASK load module is located in one of the load libraries accessible to the application.
- If this message is preceded by message number EZY1981, determine why there is insufficient storage for the application and increase storage, if necessary.

## EZY1981I • EZY1984I

- Ensure that VMCF and TNF are active. To start VMCF and TNF as non-restartable subsystems, ensure that entries are defined for them in your IEFSSNxx PARMLIB member. To start VMCF and TNF as restartable subsystems, use the MVS started procedure EZAZSSI. Refer to Step 3: Configure VMCF and TNF in *z/OS Communications Server: IP Configuration Guide* more information about starting VMCF and TNF.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

### EZY1981I *task insufficient storage.*

**Explanation:** An attempt to obtain virtual storage in Subpool 73 for I/O completion and attention work areas was unsuccessful.

**System action:** The *task* is terminated and control is returned to the system with a task completion code of 8xx, with the xx portion reflecting the GETMAIN return code.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Determine if an increase in the region size of the started task will alleviate the problem. If the region size is not the problem, the most probable cause is a programming error involving a failure to release storage. Gather all available documentation and report the error to the IBM Software Support Center.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

### EZY1982E **Terminating: one *task* is already active.**

**Explanation:** To prevent the initiation of multiple TCPIP address spaces for the same task, the MVS platform code uses the ENQ macro to serialize the use of TCPIP resources. At task initialization, MVPMAIN issues an ENQ macro with a resource name of TCPIPSYS.task\_name, requesting exclusive use. The message indicates that the ENQ failed.

**System action:** The task is terminated and control is returned to the system with a task completion code of 9xx, with the xx portion reflecting the ENQ return code.

**Operator response:** If the error was an unintentional attempt to start a TCPIP task that was already active, no actions are required. Otherwise, tell the system programmer about the error.

**System programmer response:** If the error was not because of an unintentional attempt to start a duplicate TCPIP task, examine the task completion code provided when the task was terminated. It will be of the form 9xx, with the xx portion of the code being the ENQ return code. See the appropriate *Application Development Reference: Services for Assembler Language Programs* publication for information about interpreting the return code. Follow the recommended problem resolution procedures indicated by the appropriate *MVS Diagnosis* book.

**Note:** The ENQ was issued with the RET=USE parameter.

If problem determination indicates that the MVS platform is in error, gather all available documentation and report the error to the IBM Software Support Center.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

### EZY1984I **DIAG98: UnLock Page: Virtual=address**

**Explanation:** This message displays if the debug option is used. The MVS system called the DIAG98 subroutine to unlock a page in central storage. The virtual address is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** MVPUTIL

---

**EZY1985I**    **DIAG98: DoDiag98: Device=address CCWP=virtual channel control word CCWreal=real channel control word**

**Explanation:** This message displays if the debug option is issued. The DoDiag98 subroutine of the Diag7C routine was called to perform I/O functions for a device with real channel control words (CCWs) that have been translated to virtual CCWs. The device address, virtual CCWs, and real CCWs are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOIO

**Procedure Name:** DoDiag98

---

**EZY1986I**    **DIAG98: PgFix: Vaddr=address CC=code**

**Explanation:** This message displays if the debug option is used. The DIAG98 subroutine was called to fix a page in the MVS system. The virtual address and completion code are returned.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** PgFix

---

**EZY1987I**    **DIAG98: PgFree: Vaddr=address CC=code**

**Explanation:** This message displays if the debug option is used. The DIAG98 subroutine was called to free a previously fixed page of storage in the MVS system. The virtual address and completion code are provided.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** PgFree

---

**EZY1988I**    **DIAG98: UnLock All: FXBaddr=address FXBnext=address Vaddr=address**

**Explanation:** This message displays if the debug option is used. The MVS platform system called the diagnose 98 subroutine to free a whole chain of virtual address. The current fixed page, next fixed page, and the virtual address are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** MVPUTIL

---

**EZY1989I**    **MVP Logical Unit *name* is now active to TCP/IP.**

**Explanation:** The displayed logical unit is now active.

**System action:** TCPIP continues.

**Operator response:** None.

## EZY1990I • EZY1994E

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1990I MVP Logical Unit *name* is now inactive to TCP/IP.**

**Explanation:** This message displays in response to your command to deactivate a logical unit to TCPIP. The LU is now inactive.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1991I MVP Logical Unit *name* is inactive to TCP/IP.**

**Explanation:** This message displays in response to a status request. The LU name specified is not active to TCPIP.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1992I MVP Logical Unit *name* is active to TCP/IP and in use.**

**Explanation:** This message displays a response to a status request. The LU name indicated is currently active and in use.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1993I MVP Logical Unit *name* is active to TCP/IP and not in use.**

**Explanation:** This message displays in response to a status request. The LU name specified is active to TCPIP but currently not in use.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1994E MVP Logical Unit *name* not inactivated – in use to TCP/IP. User must issue LUINACT FORCE, luname to deactivate.**

**Explanation:** This message indicates that the MVS platform received a request to deactivate an LU to TCPIP that failed. The LU remains active.

**System action:** TCPIP continues.

**Operator response:** Make sure that the LU is no longer in use and, as the message indicates, you must issue "LUINACT FORCE" followed by the LU name to deactivate it.

**System programmer response:** Assist the operator as required.

**Module:** MVPOCM

**Procedure Name:** AnyL

**EZY1995E MVPEXCP: MVPMAIN has Diag98 support but load module does not.**

**Explanation:** This message displays if the debug option is used. The mainline code (MVPMAIN) has support for Diag98, or real channel control words (CCWs), but the PC load module indicated does not. Messages EZY1996E and EZY1997E will follow this message with more information.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Verify that the correct version of the load module is being used. Call the IBM Software Support Center for help if necessary.

**Module:** MVPEXCP

**Procedure Name:** MVPEXCP

**EZY1996E Continuing using VCCWS (virtual CCWs) option.**

**Explanation:** This message should be preceded by message EZY1995E, which indicates that a conflict exists between the load module and the mainline code (MVPMAIN) regarding support for the Diag98 function. The installation will continue, but it will use virtual channel control words (CCWs) instead of real CCWs.

**System action:** TCPIP continues.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** See message EZY1995E for help with the message.

**Module:** MVPDODG

**Procedure Name:** Query98

**EZY1997E Installation was not done correctly.**

**Explanation:** Your installation was not done correctly. See messages EZY1995E and EZY1996E, which precede this message for more information.

**System action:** TCPIP continues.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** See previous messages and their descriptions.

**Module:** MVPDODG

**Procedure Name:** QAmode, Query98

**EZY1998E DIAG98: MVPMAIN does not support real CCWs but load module name does.**

**Explanation:** The mainline code (MVPMAIN) does not have support for Diag98, or real channel control words (CCWs), although the load module indicated does. Messages EZY1996E and EZY1997E should follow this message.

**System action:** TCPIP continues.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** Check the mainline code (MVPMAIN) and make sure that it is running the code with support for Diag98 as defined in this source module (MVPDODG). Contact the IBM Software Support Center if you need more help with this message.

## EZY1999E

**Module:** MVPDODG

**Procedure Name:** Query98

---

**EZY1999E**    **QAmode: MVPMAIN and *load module name* are not at the same level.**

**Explanation:** This message displays if the MVPMAIN code, which functions as a mainline entry for the MVS platform, does not have the same level of code for QAMODE support as the load module displayed. This message precedes message EZY1997E, which indicates that your installation was not done correctly.

**System action:** TCPIP continues.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** Check the mainline code (MVPMAIN) and make sure that it is running the code with support for QAMODE as defined in this source module (MVPDODG). Contact the IBM Software Support Center if you need more help with this error.

**Module:** MVPDODG

**Procedure Name:** QAmode



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## Chapter 3. EZY2xxxx messages

---

### EZY2000I OCM General Default Application not configured for Transparent Mode.

**Explanation:** This indicates that the request to change the default application could not be honored because the new application is not configured for Transparent mode.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

### EZY2001I OCM General Default Application not configured for Line mode.

**Explanation:** This indicates that the request to change the general default application could not be honored because the new application is not configured for line mode.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

### EZY2016I MVP Diag7C LocAppl: Unknown function request *function* for ApplName *application*

**Explanation:** The *locate application* subroutine of the Diagnose 7C routine has returned with an unknown function request for the indicated application. The *LocAppl* subroutine checks the application request against the application table, declared in the MVPAPPL source code data set and defined in your *hlq.PROFILE.TCPIP* data set, to determine if the function request is allowed for the specified application.

**System action:** TCPIP continues. The specified request is not processed.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** The function flags that are passed for these applications are either *restricted* (1) or *disconnectable* (2). Make sure that the function specified for the requested application is defined in your *hlq.PROFILE.TCPIP* data set. Reissue your request specifying a valid function for the application requested.

**Module:** MVPDG7D

**Procedure Name:** LocAppl

---

### EZY2032W LU name *lu name* specified in the *command* command does not match defined LU name or LU group name.

**Explanation:** The LU name or LU group entered in the command was not found in the LU status tables.

**System action:** The command is not performed. TCPIP continues.

**Operator response:** Correct the LU name and resubmit the command.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2034W LU specified in *command* is already inactivated.**

**Explanation:** The LU name specified for the LUINACT command was already inactivated.

**System action:** The command is not performed. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2035W Modify command *command* Incomplete. It is ignored.**

**Explanation:** The required keyword was not specified.

**System action:** The command is not performed. TCPIP continues.

**Operator response:** Refer to *z/OS Communications Server: IP Configuration Reference* for more information about the MODIFY command.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2036I Modify command DEBUG *debug state* is accepted.**

**Explanation:** A change to the DEBUG flag has been changed to the specified value. The new debug option setting is now in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2037W Invalid modify command. DEBUG *debug state* is ignored.**

**Explanation:** An incorrect DEBUG option has been specified as part of the MODIFY command. The Telnet server ignored the DEBUG request. The debug option is not changed.

**System action:** TCPIP continues.

**Operator response:** Check the DEBUG option specified, correct, and resubmit the MODIFY command.

**System programmer response:** Assist the operator as required.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2038I Modify command LU specified matches LUGROUP *lu*. Accepted.**

**Explanation:** The modify command was accepted because the specified LU was found in the LU group table.

**System action:** The command is performed. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2039W LU specified *lu* is already activated. Ignored.**

**Explanation:** The LU name specified with the LUACT parameter was already activated.

**System action:** The command is not performed. TCPIP continues.

**Operator response:** Check the specified LU and if incorrect, correct and reissue the MODIFY command.

**System programmer response:** Assist operator as required.

**Module:** MVPOCM

**Procedure Name:** ANYL

---

**EZY2040I SMSG: VMCF is not active on the system.**

**Explanation:** The message indicates that the program attempted to set up a communication session using the Virtual Machine Communication Facility (VMCF). The system was unable to locate or save the address space of the VMCF communication vector table. The program failed to initialize the client interface to VMCF.

**System action:** The communication does not occur because VMCF address space could not be established. The program requires the address space to continue. The program sets a return code of 16, indicating a system error to the calling program, and terminates execution. The VMCF address display command is not issued.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Make sure that the communication vector table and VMCF are active.

**Module:** MVPXDISP, MVPXSMMSG

**Procedure Name:** Mainline code

---

**EZY2041I SMSG: Userid not specified.**

**Explanation:** TCPIP received an SMSG command for the VMCF interface. You did not specify the user program, address space, or batch job to receive the SMSG.

**System action:** TCPIP continues.

**Operator response:** Reissue the SMSG command specifying a user program, address space, or batch job. For more information about SMSG refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*, or *z/OS Communications Server: IP Configuration Reference*.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMMSG

**Procedure Name:** MVPXSMMSG

---

**EZY2042I SMSG: Userid specified incorrectly.**

**Explanation:** The MVS platform received an SMSG command for the VMCF interface. You specified a user program, address space, or batch job that was too long.

**System action:** TCPIP continues. The SMSG command is not honored.

**Operator response:** Reissue the SMSG command specifying a user program, address space, or batch job of the correct length. For more information about SMSG refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*, *z/OS Communications Server: IP User's Guide and Commands*, or *z/OS Communications Server: IP Configuration Reference*.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMMSG

**Procedure Name:** MVPXSMMSG

---

**EZY2043I    SMSG: No message specified.**

**Explanation:** TCPIP received an SMSG command with no message specified. The SMSG command is used to send a special message (SMSG) to a user program, address space, or batch job. The message text is required.

**System action:** TCPIP continues. The SMSG command is not honored.

**Operator response:** Reissue the SMSG command specifying the text of the SMSG to be sent. If this message occurred as a result of issuing SMSG TRACE on TSO from where the FTP server resides, then you should issue "SMSG FTPSERVE TRACE". For more information about SMSG, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*. If you need more help with this message, contact the IBM Software Support Center.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMSG

**Procedure Name:** MVPXSMSG

---

**EZY2045I    SMSG: user not logged on.**

**Explanation:** TCPIP received an SMSG command for a user that is not logged on.

**System action:** TCPIP continues. The SMSG command is not honored.

**Operator response:** Check and make sure the target is active and reissue the SMSG command. For more information about the SMSG command, refer to *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMSG

**Procedure Name:** MVPXSMSG

---

**EZY2046I    SMSG: user not receiving; SMSG off.**

**Explanation:** TCPIP received an SMSG command for a user. The user is not receiving because the SMSG interface is not set on.

**System action:** TCPIP continues. The SMSG interface is off.

**Operator response:** Use the SETSMSG command to set the SMSG interface on for the target user. For more information refer to *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMSG

**Procedure Name:** MVPXSMSG

---

**EZY2047I    SMSG: VMCF return code rc, SMSG failed.**

**Explanation:** TCPIP received a bad return code from the VMCF function related to a special message (SMSG) request. The special message (SMSG) command is not performed.

**System action:** TCPIP continues.

**Operator response:** When TCP/IP establishes a session with VMCF, it does not enable the SMSG interface. If your program accepts SMSG commands, you must enable the reception of SMSGs before using the services provided by the application program. The SETSMSG command is used to enable and disable the reception of SMSGs. For more information about the SMSG and SETSMSG commands for VMCF applications, refer to *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*, or *z/OS Communications Server: IP Configuration Reference*.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMSG

**Procedure Name:** MVPXSMSG

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**EZY2048I    SMSG: *user* quiesced; SMSG ignored.**

**Explanation:** The SMSG command sent to the indicated user is ignored because the user or program is not active.

**System action:** TCPIP continues.

**Operator response:** Make sure that the user or program is active and reissue the SMSG command. Contact your system administrator for help if required.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMMSG

**Procedure Name:** MVPXSMMSG

---

**EZY2049I    SETSMMSG: Bug in SETSMMSG command, invalid code in VMCF call.**

**Explanation:** The SETSMMSG command cannot be honored. The code in the VMCF call is not valid.

**System action:** TCPIP continues. The SETSMMSG command is not honored.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** Contact the IBM Software Support Center for assistance with this message.

**Module:** MVPXSMMSG

**Procedure Name:** MVPXSMMSG

---

**EZY2050I    SETSMMSG: Specify On or Off.**

**Explanation:** The SETSMMSG command was received but you did not specify "ON" or "OFF".

**System action:** TCPIP continues. The SETSMMSG command is not honored.

**Operator response:** Reissue the SETSMMSG followed with "ON" or "OFF". For more information about the SETSMMSG command, refer to *z/OS Communications Server: IP User's Guide and Commands*.

**System programmer response:** Assist the operator as required.

**Module:** MVPXSMMSG

**Procedure Name:** MVPXSMMSG

---

**EZY2051I    SETSMMSG: You are not authorized to set *user's* flag.**

**Explanation:** The SETSMMSG command was received for the indicated user or program. This message indicates that you are not authorized to issue this command for the user or program. To be honored, the SETSMMSG command must be issued by the affected user or program.

**System action:** TCPIP continues. The SETSMMSG command is not honored.

**Operator response:** Contact the user or owner of the program to have them issue the SETSMMSG command.

**System programmer response:** Assist the user as required.

**Module:** MVPXSMMSG

**Procedure Name:** MVPXSMMSG

---

**EZY2053I    MVPXDISP: User *userID* Asid *addrspaceid*.**

**Explanation:** This message is the first in a set of messages displaying information about a specific user ID. The user ID *userID* indicates the client ID, and the Address Space Identifier (asid) for that client is displayed.

**System action:** The system continues with message EZY2054I, displaying user information for this ID.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

## EZY2054I • EZY2057I

**Procedure Name:** Mainline code

---

**EZY2054I MVPXDISP: Data @ user data address Sm=system mask Cr0=control register 0 Flags=flags.**

**Explanation:** This message displays in response to the MVPXDISP command after message EZY2053I. The user data information is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2055I MVPXDISP: Client of interface.**

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2054I. This message can display up to four times, once for each possible interface. The following list displays the four possible interfaces that can display:

- VMCF address space
- SMSG
- VMCF
- IUCV

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2056I MVPXDISP: IUCV mask=mask, Pending Ctl=control, Appl=application.**

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2055I. Information about the IUCV application is displayed. The information displayed includes enable, control pending interrupts, and application pending interrupts masks for the client.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2057I MVPXDISP: VMCF: Buf=address, Len=length, Flgs=flags user=user Key=auth key.**

**Explanation:** This message displays in response to the MVPXDISP command. The user data is displayed. Included are the user external interrupt buffer address and length, user flags, and user authority.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

---

**EZY2058I** MVPXDISP: IUCV: **Connections=number, Max=number.**

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2059I. The number of IUCV connections and the maximum number of IUCV connections allocated for the client are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2059I** MVPXDISP: VMCF: **Pending count=number Flags=flags.**

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2057I. The number of VMCF pending connections and the VMCF flags are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2060I** MVPISAQ : *name1 name2* **Header at address**

**Explanation:** This message displays when the debug option is used. The header name and address are displayed for an initial storage area (ISA) queue header. This message displays with messages EZY2061I — EZY2063I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** PRISAQ

---

**EZY2061I** MVPISAQ : **Subpool** *number* **1st Getmain count** *count*

**Explanation:** This message displays when the debug option is used. The subpool number and the total number of storage areas allocated by GETMAIN are displayed. This message displays with messages EZY2060I, EZY2062I, and EZY2063I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** PRISAQ

---

**EZY2062I** MVPISAQ : **2nd Getmain count** *count*

**Explanation:** This message displays when the debug option is used. The count of overflow ISA areas allocated is displayed. This message displays with messages EZY2060I, EZY2061I, and EZY2063I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

---

## EZY2063I • EZY2066I

**Module:** MVPOCM

**Procedure Name:** PRISAQ

---

**EZY2063I MVPISAQ : Frame size size Max asked max size(max size)**

**Explanation:** This message displays when the debug option is used. The default frame size and the largest storage area allocated are displayed in decimal and hexadecimal form. This message displays with messages EZY2060I — EZY2062I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** PRISAQ

---

**EZY2064I MVPXDISP: User name not found.**

**Explanation:** This message displays in response to the MVPXDISP command. The user indicated could not be found by this utility.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2065I MVPXDISP: IUCV: Ctl flags=flags Appl flags=flags.**

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2058I. The IUCV control flags and the IUCV application flags are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2066I MVPXDISP: Index=asid, Sm=system mask, Cr0=data, Flags=flags, User=user.**

**Explanation:** This message displays in response to the MVPXDISP command. VTAM user information is displayed, including the address space ID, system mask, control register 0 data, flags, and user name.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

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---

**EZY2080I**    **MVPMMAIN: Storage could not be obtained for TCP/IP address CVT, Name=*pc load module name*, Rcode=*rc***

**Explanation:** This message indicates that there is not enough common storage available for the TCPIP communication vector table (CVT) control block. This will not directly impact TCPIP functions. Some cleanup might not be performed when TCPIP is stopped.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Investigate why below the line, CSA storage is not available. Restart TCPIP when more common storage becomes available. For more help contact the IBM Software Support Center.

**Module:** MVPMMAIN

**Procedure Name:** mainline

---

**EZY2081I**    **MVPMMAIN: Anchor control block could not be found for TCP/IP address space CVT**

**Explanation:** The TCPIP address space CVT could not be located because the control block containing its address could not be found.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Look for abend in GETMAIN during TNF subsystem initialization. Correct that problem then restart TCPIP after you IPL the MVS system. For more help contact the IBM Software Support Center.

**Module:** MVPMMAIN

**Procedure Name:** mainline

---

**EZY2090I**    **DUMPING VTAMinfo tables, Table number = *table***

**Explanation:** Information notifying you that TCPIP is about to display the indicated VTAM tables. The following are the application tables used by VTAM:

Table Number	Description
0	All application tables
1	Telnet application table
2	VTAM log mode information table
3	LU group table
4	IP group table
5	IP to LU map table
6	Default application table
7	Application table
8	LU status table (for all LUs)

**System action:** The program continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2091I**    **—**

**Explanation:** Message separator.

**System action:** The program continues.

**Operator response:** None.

## EZY2092I • EZY2096I

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2092I**    **TELNET id=*applid***

**Explanation:** Information notifying you that TCPIP is about to display the Telnet application table used by VTAM.

**System action:** The program continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2093I**    **Mode Table**

**Explanation:** Information notifying you that TCPIP is about to display the mode table used by VTAM.

**System action:** The program continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2094I**    **Mt Ptr=*table*, ElemCount=*counter***

**Explanation:** Information specifying the allocated storage, pointed to in the *table* value, for the VTAM Telnet mode table. The *counter* value specifies the number of entries in the mode table.

**System action:** The program continues and displays each entry in the table, as specified in message EZY1095I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2095I**    **Mt Elem=*counter*, ModeName=*name*, Flag=*flag*, Model=*model*, Class=*class*, DeviceType=*type***

**Explanation:** Information for specific VTAM Telnet mode table entries. All table entries including number, the mode name, table name, and any flags are displayed.

**System action:** The program continues and displays each entry in the table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2096I**    **LU Group Table**

**Explanation:** Information notifying you that TCPIP is about to display the logical unit group (LUGROUPS) table used by VTAM. This table contains an entry for each group defined with the LUGROUP statement. Each entry contains the group name, and a set of LU names that belong to the group.

**System action:** The program continues, and displays the VTAM LU names groups definition table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2097I** Lg **Ptr=table, ElemCount=counter, Size=bytes**

**Explanation:** Information specifying the allocated storage, pointed to in the *table* value, for the VTAM logical unit group (LUGROUPS) table. The *counter* value specifies the number of elements in the mode table. The *bytes* value specifies the size of the entries in the mode table.

**System action:** The program continues and displays each entry in the table, as specified in message EZY2098I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2098I** Lg **Elem=element, GrpName=groupID, AllocCnt=count, UsedCnt=count**

**Explanation:** Information about a specific element in the VTAM logical unit group (LUGROUPS) table. The *element* value specifies the element number of the LU group table. The *groupID* value specifies the element number of the LU group table. The *count* values specifies the dynamic storage allocated and the storage used up by the LU group table.

**System action:** The program continues and displays each element in the LU group table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2099I** Lg **Mem=LUMember, MemberName=LUname**

**Explanation:** Information about a specific VTAM logical unit group (LUGROUPS) table. The *LUMember* value specifies the member of the LU group table. The *LUname* specifies the name for the member of the LU group table.

**System action:** The system continues, and displays all present members of the LU group table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2100I** IP Group Table

**Explanation:** Information notifying you that TCPIP is about to display the Internet Protocol (IP) group table used by VTAM. This table contains an entry for each IP address and Subnet addresses defined with the IPGROUP statement. Each entry contains either an IP address or a subnet address/mask pair and the group name the address belongs to.

**System action:** The program continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

## EZY2101I • EZY2104I

---

**EZY2101I** Ig Ptr=*table*, ElemCount=*counter*, Size=*bytes*, SubnetIndex=*index*

**Explanation:** Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM internet protocol group (IPGROUP) table. The *counter* value specifies the number of elements in the IP group table. The *bytes* value specifies the size of the entries in the IP group table. The *index* value specifies the start of IP subnets in the IP group table.

**System action:** The program continues and displays each entry in the IP group table, as specified in messages EZY2102I, EZY2103I, and EZY2104I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2102I** Ig Elem=*counter*, GrpName=*name*,

**Explanation:** Information indicating the IP group name where the VTAM table entries reside.

**System action:** The system continues and displays message EZY2103I with additional information related to this message.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2103I** Ig MemberAddr=*network.subnet.host.local*, IsSubnet=*flag*

**Explanation:** The IP address information for a specific member of the IP group table entries is displayed. The *flag* indicates if the subnet mask address is either *ON*, in use, or *OFF*, not used. If the subnet mask address is used it will be displayed in message EZY2104I following this message.

**System action:** The system continues displaying message EZY2104I if the subnet address is in use. Otherwise, the system continues displaying IP group member addresses.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2104I** Ig Ip SubnetMask=*network.subnet.host.local*

**Explanation:** This message appears only if the subnet mask is in use. The IP address information for the subnet mask of a IP group table member is displayed. The subnet mask address is in dotted-decimal notation. It is used as a mask, or a filter for the member address with which it is associated. The Subnet allows specification of IP address ranges and all the hosts on a sub-network. The Subnet is specified with a Subnet address and Subnet mask. The Subnet address is ANDed with the Subnet mask to remove any insignificant bits and stored as an IP address. The Subnet mask must be ANDed with the Telnet IP address and compared with the above Subnet address to determine if the IP address belongs to the subnet. The mask is stored after the Subnet address as an IP address.

**System action:** The system continues displaying IP group member addresses.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2105I IP to LU Map Table**

**Explanation:** Information notifying you that TCPIP is about to display the map internet protocol (IP) address groups to VTAM logical unit (LU) names table. This table contains an entry for each mapping defined with the LUMAP statement. Each entry contains either an IP address or an IP group name that is mapped to a VTAM LU name or an LU group name.

**System action:** The program continues and displays the information.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2106I Mp Ptr=*table*, ElemCount=*counter*, Size=*bytes*, AddrIndex=*index***

**Explanation:** Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM internet protocol group (IP) to logical unit (LU) map table. The *counter* value specifies the number of elements in the IP to LU map table. The *bytes* value specifies the size of the IP to LU map table. The *index* value specifies the index to address a new part in the IP to LU map table.

**System action:** The program continues and displays each entry in the IP to LU map table, as specified in messages EZY2107I, EZY2108I, and EZY2109I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2107I Mp Elem=*counter*, LU id=*id*, IsGroup=*groupflag*, IsHost=*hostflag***

**Explanation:** Information for specific LU ID of the IP to LU map table. The table element number, and the LU identification number, *id*, are displayed. The elements can be a VTAM LU name or an LU group name. The *groupflag* is a flag used to identify if this LU element is a VTAM LU name or an LU group. The *hostflag* is a flag used to identify if this LU element has a host IP address or a group name.

**System action:** The system continues displaying message EZY2108I if this element is a host, or the system displays message EZY2109I to display the IP group name.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2108I Mp Ip Address=*network.subnet.host.local***

**Explanation:** This information is only displayed if the LU element is a host. The IP address information for a specific host of the IP to LU map table entries is displayed.

**System action:** The system continues displaying the IP to LU map table elements.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

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## EZY2109I • EZY2112I

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**EZY2109I** Mp Ip GroupName =*name*

**Explanation:** This information is only displayed if the LU element is an IP group name. The group name of the IP to LU map element is displayed.

**System action:** The system continues displaying the IP to LU map table elements.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2110I** Default Application Table

**Explanation:** Information notifying you that TCPIP is about to display the default application (appl) table used by VTAM.

This table contains an entry for each mapping defined with the DEFAULTAPPL or the LINEMODEAPPL statement. Each entry contains either an IP address, an IP group name, or a linkname that is mapped to an application name. This application becomes the default application when the Telnet user has not specified one.

The order of the search is IP address, IP group name, and finally the Linkname. There is also a special match-all entry that is used as the default if Telnet session has no default application explicitly defined.

**System action:** The system continues displaying the default application table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2111I** Da Ptr=*table*, ElemCount=*counter*, Size=*bytes*, AddrIndex=*index*

**Explanation:** Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM default application (appl) table. The *counter* value specifies the number of elements in the default appl table. The *bytes* value specifies the size of the default appl table. The *index* value specifies the default appl table index to the IP addresses part.

**System action:** The program continues and displays each entry in the default appl table, as specified in messages EZY2112I, EZY2113I, and EZY2114I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2112I** Da Elem=*counter*, ApplName=*name*, LogMode=*mode*, IsHost=*hostflag*

**Explanation:** Information for specific entries of the default application (appl) table. The table element number, the VTAM appl name, as specified in VTAMLST, and the logon *mode*, are displayed. The logon mode *mode* can be either line or transparent mode. The *hostflag* variable is a flag used to identify if this default element has a host IP address.

**System action:** The system continues displaying message EZY2113I if this default entry has the IsHost variable set to ON. The true condition identifies this element as being a host, any other condition and the system displays the destination name in message EZY2109I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2113I**    **Da Ip Address**=*network.subnet.host.local*

**Explanation:** This information is only displayed if the default element is a host. The IP address information for a specific host of the default table entries is displayed.

**System action:** The system continues displaying the default table elements.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2114I**    **Da Ip GroupName** =*name*

**Explanation:** This information is only displayed if the default element is either an IP group name or a linkname. The group name of the default element is displayed.

**System action:** The system continues displaying the default table elements.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2115I**    **Application Table**

**Explanation:** Information notifying you that TCPIP is about to display the application (appl) table used by VTAM.

This table contains the applications which are permitted access through Telnet as specified by the RESTRICTAPPL or the ALLOWAPPL statement. The application entries contain an optional RestrictUsers table identifying the RESTRICTed applications, or an AllowLuNames set identifying the ALLOWed applications.

**System action:** The system continues displaying the application table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2116I**    **Ap Ptr**=*table*, **ElemCount**=*counter*, **Size**=*bytes*

**Explanation:** Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM application (appl) table. The *counter* value specifies the number of elements in the application table. The *bytes* value specifies the size of the appl table.

**System action:** The program continues and displays each entry in the appl table, as specified in the following messages:

- EZY2117I
- EZY2118I
- EZY2119I
- EZY2120I
- EZY2121I
- EZY2122I

**Operator response:** None.

**System programmer response:** None.

## EZY2117I • EZY2120I

**Module:** MVPBLVT

**Procedure Name:** Mainline code

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**EZY2117I**    **Ap Elem=counter, ApplName=name, ApplMask=X'mask'**

**Explanation:** Information for specific entry of the application (appl) table. The table element number, the VTAM appl name, as specified in VTAMLST, and the appl comparison mask *mask*, are displayed. The appl mask can be used for logical comparisons to validate characters in the appl name and user IDs specified on the RESTRICTAPPL and the ALLOWAPPL statements.

**System action:** The system continues displaying message EZY2118I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2118I**    **Ap AlocCnt=count, UsedCnt=count, Discon=Discflag, Restrict=Rstrflag**

**Explanation:** Information about a specific element in the VTAM application (appl) table. The *count* values specifies the dynamic storage allocated and the storage used up by the appl table. The *Discflag* allows an application to be disconnected by a user leaving the VTAM session active. The *Rstrflag* identifies this application as a restricted appl if it is set to the *ON* flag.

**System action:** The program continues and displays each element in the appl table. If the *Rstrflag* is set *ON*, then the program continues and displays the restricted applications in messages EZY2119I, EZY2120I, and EZY2121I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2119I**    **Ap Elem=counter, UserName=id, UserMask=X'mask'**

**Explanation:** This information is only displayed if the *Rstrflag* is set to *ON*, in message EZY2118I, specifying a restricted table member. This information is for specific restricted users of the application (appl) table. The table element number, the user name ID, as specified in RESTRICTAPPL statement, and the user comparison mask *mask*, are displayed. The user ID mask can be used for logical comparisons to validate characters in the user IDs specified on the RESTRICTAPPL statements.

**System action:** The system continues displaying message EZY2120I and EZY2121I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2120I**    **Ap AlocCnt=count, UsedCnt=count,**

**Explanation:** This information is only displayed if the *Rstrflag* is set to *ON*, in message EZY2118I, specifying a restricted table member. This information is about a specific element in the VTAM application (appl) table. The *count* values specifies the dynamic storage allocated and the storage used up by the appl table.

**System action:** The program continues and displays each element in the appl table, and continues to message EZY2121I.

**Operator response:** None.

**System programmer response:** None.



**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2121I**    **Ap Elem=counter, RestrictLuName=name**

**Explanation:** This information is only displayed if the *Rstrflag* is set to *ON*, in message EZY2118I, specifying a restricted table member. This information is about a specific element in the VTAM application (appl) table. The *counter* values specifies the appl table entry. The *name* specifies the restricted user LU name for that entry in the appl table.

**System action:** The program continues and displays each restricted user LU names in the appl table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2122I**    **Ap Elem=counter, AllowLuName=name**

**Explanation:** This information is about a specific element in the VTAM application (appl) table. The *counter* value specifies the appl table entry. The *name* specifies the allowed user logical unit (LU) name for that entry in the appl table. This table contains the applications which are permitted access through Telnet as specified by the ALLOWAPPL statement.

**System action:** The program continues and displays each allowed user LU names in the appl table.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2130I**    **LU Status Table**

**Explanation:** Information notifying you that TCPIP is about to display the logical unit (LU) status table used by VTAM. The table is used to keep track of the status of VTAM LU names as they are used in Telnet connections.

**System action:** The system continues and displays messages EZY2131I, and EZY2132I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2131I**    **Ls Ptr=number, AlocCnt=count, UsedCnt=count**

**Explanation:** Information specifying the allocated and used logical units pointed to in the logical unit (LU) status table used by VTAM.

**System action:** The system continues and displays message EZY2132I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

## EZY2132I • EZY2143I

---

**EZY2132I** Ls Elem=*number*, Name=*luname*, Flags=*Ls\_Default flag*

**Explanation:** Displays specific information about the entries in the logical unit (LU) status table. The LU element numbers *number*, names *luname*, and any optional flags *flgs* are displayed.

**System action:** The system continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2133E** VTAM UssTable *table name* can not be loaded.

**Explanation:** This message displays if the debug option is used. The VTAM unformatted systems service table indicated could not be loaded.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Make sure that the table name exists and that the program has access to it. Call the IBM Software Support Center for more help if necessary.

**Module:** MVPDG7D

**Procedure Name:** MVPDG7DD

---

**EZY2134I** STOP COMMAND IGNORED *tcpipprocname* ALREADY BEING STOPPED

**Explanation:** This message indicates that a subsequent stop command (P TCPIP) was received while TCPIP was processing a previous stop command. The subsequent stop command is ignored and TCPIP ends.

**System action:** TCPIP ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** MVPOCMI

---

**EZY2142I** Hung VMCF Interrupt scheduled for ASID

**Explanation:** This message indicates that TCPIP has encountered a VMCF interrupt pending and the interrupt processing for the client is not running.

**System action:** TCPIP continues. The VMCF interface is hung.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Reinitiate the VMCF interface and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2143I** Hung IUCV\_A Interrupt scheduled for ASID

**Explanation:** This message indicates that TCPIP has encountered a IUCV\_A interrupt pending and the interrupt processing for the client is not running.

**System action:** TCPIP continues. The IUCV application is hung.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Restart the IUCV application and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2144I Hung IUCV\_C interrupt scheduled for ASID**

**Explanation:** This message indicates that TCPIP has encountered a IUCV\_C interrupt pending and the interrupt processing for the client is not running.

**System action:** TCPIP continues. The IUCV interface is hung.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Reinitiate the IUCV interface and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2145I VMCF cleanup for USERID *id* in ASID**

**Explanation:** This message indicates that VMCF is running cleanup for the indicated user ID.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2370I ssock\_max *number***

**Explanation:** This message displays the maximum number of simultaneous sockets available for use. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** getdtablesize

---

**EZY2371I Initialized echo server**

**Explanation:** The echo server is initialized and ready to process incoming UDP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the echo server without any trace options. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about the echo server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_socket

---

**EZY2372I    Initialized TCP echo server**

**Explanation:** The echo server is initialized and ready to process incoming TCP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the echo server without any trace options. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the echo server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_TCPsocket

---

**EZY2373I    Initialized discard server**

**Explanation:** The discard server is initialized and ready to process incoming UDP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the discard server without any trace options. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the discard server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_socket

---

**EZY2374I    Initialized TCP discard server**

**Explanation:** The discard server is initialized and ready to process incoming TCP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the discard server without any trace options. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the discard server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_TCPsocket

---

**EZY2375I    Initialized character generator server**

**Explanation:** The character generator server is initialized and ready to process incoming UDP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the character generator server without any trace options. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the character generator server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_socket

---

**EZY2376I    Initialized TCP character generator server**

**Explanation:** The character generator server is initialized and ready to process incoming TCP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the character generator server without any trace

options. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the character generator server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_TCPsocket

---

**EZY2380I before selectex: readmask**

**Explanation:** This message displays the contents of the readmask used by the function selectex to determine if a socket is prepared to read data. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2381I exiting**

**Explanation:** This message is displayed to indicate that the miscellaneous server is closing all sockets and exiting the application.

**System action:** The miscellaneous server halts.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2385I after selectex: readmask**

**Explanation:** This message displays the value of the readmask used by the function selectex to determine if a socket is ready to read data.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2386I socket *number* port *number* is *condition***

**Explanation:** This message indicates that data has been received over the indicated socket. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

EZY2387I before cextpost

---

EZY2388I ended interrupt handler: *rc value*

**Explanation:** The interrupt handler is being closed. The *rc* portion of this message indicates whether the closing is successful. This message is displayed when the debug trace option is specified.

**System action:** The interrupt handler halts. The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** cextpost

---

EZY2389I UDP echo protocol

**Explanation:** A UDP echo request is being processed. The server echoes the data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** doecho

---

EZY2390I Echo server: socket *number address name*

**Explanation:** This message displays the socket value and the address family (in dotted decimal notation) for the echo server. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about AF\_INET or AF\_IUCV.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** doecho

---

EZY2391I UDP discard protocol

**Explanation:** The UDP discard protocol is initialized. The UDP discard protocol will discard the data received by the MISCSRV.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dodisc

---

EZY2392I Discard server: socket *number address name*

**Explanation:** This message displays the socket value and address (in dotted decimal notation) for the discard server.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dodisc

---

**EZY2393I    UDP character generator**

**Explanation:** The UDP character generator is initialized. This will cause random data to return for each datagram that is received. This message is displayed when the debug trace option is specified. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the character generator.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dochargen

---

**EZY2394I    Character server: socket *number* address *name***

**Explanation:** This message displays the socket number and address (in dotted decimal notation) for the character server.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISSCRV

**Procedure Name:** dochargen

---

**EZY2395I    link *name* *name* family *name* home address *name***

**Explanation:** This message states the link name, family and home address of all the system adapter interfaces.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** getifconf

---

**EZY2396I    *name* socket *number* port *number***

**Explanation:** The link name, socket number, and well-known port number are displayed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_socket

---

**EZY2397I**    **socket** *number* **port** *number*

**Explanation:** The socket number and well-known server port number are displayed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init\_TCPsocket

---

**EZY2398I**    **socket** *number* **af** *number*

**Explanation:** The socket number and address family number, which indicates an AF\_IUCV connection, are displayed for the SMSG socket.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** SMSGsocket

---

**EZY2399I**    **TCP echo protocol**

**Explanation:** A TCP echo request is being processed. The server echoes the data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** doTCPecho

---

**EZY2401I**    **TCP Discard protocol**

**Explanation:** A TCP discard request is being processed. The server discards the data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** doTCPdisc

---

**EZY2403I**    **TCP Character Generator protocol**

**Explanation:** A TCP character generator request is being processed. The character generator server creates random data in response to data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV



**Procedure Name:** doTCPchargen

---

**EZY2405I    Display SMSG**

**Explanation:** An SMSG command is being processed. Shutdown and trace commands are the only supported SMSG commands for the miscellaneous servers. See the *z/OS Communications Server: IP Configuration Guide* and the *z/OS Communications Server: IP User's Guide and Commands* for more information about the SMSG command. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dispSMSG

---

**EZY2406I    Received message:**

**Explanation:** This message header is followed by information pertaining to the status of the SMSG message requested.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dispSMSG

---

**EZY2414I    shutting down**

**Explanation:** The MISCSRV server is closing due to user or operator request. The server closes all connections and halts. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the SHUTDOWN function.

**System action:** The application halts.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dispSMSG

---

**EZY2416I    Unknown command: *name***

**Explanation:** The MISCSRV server received a command that it does not recognize. The command is ignored.

**System action:** The application continues.

**Operator response:** Reissue the command using the SHUTDOWN command or TRACE command. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the SHUTDOWN or TRACE commands.

**System programmer response:** Assist the user if necessary.

**Module:** MISCSRV

**Procedure Name:** dispSMSG

---

**EZY2418I** closed STREAM Socket: *number rc: number*

**Explanation:** The miscellaneous server closes the socket specified in the message.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** closesock

---

**EZY2419E** error for select (*tcperror*)

**Explanation:** The select function was unsuccessful.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The application attempts to continue.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated (*tcperror*). See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about select().

**Module:** MISCSRV

**Procedure Name:** selectex

---

**EZY2420E** selectex (*tcperror*)

**Explanation:** The selectex function was unsuccessful.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The application attempts to continue.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in(*tcperror*). See *selectex()* in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information.

**Module:** MISCSRV

**Procedure Name:** selectex

---

**EZY2421E** recvfrom() (*tcperror*)

**Explanation:** The recvfrom function found no data while in nonblocking mode.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). For more information about the (*tcperror*) portion of this message, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** doecho

---

**EZY2422E** sendto() (*tcperror*)

**Explanation:** The buffer space that is used to hold the data to be transmitted is inadequate, or no data was found in the buffer space. If the socket is in nonblocking mode a return code EWOULDBLOCK is set.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). Refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information on the `sendto()` function.

**Module:** MISCSRV

**Procedure Name:** `doecho`

---

**EZY2424E** `create_TCP_port::socket` (*tcperror*)

**Explanation:** An error occurred when trying to create a socket connection.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The MISCSRV halts. The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). For more information on the error condition see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** `getifconf`

**Procedure Name:** `init_TCPsocket`

---

**EZY2425E** `create_UDPC_port::socket` (*tcperror*)

**Explanation:** The function `create_UDPC_port`, which is used to open a UDP connection, was unsuccessful.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The UDP application MISCSRV halts.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). For more information on the error condition see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** `init_socket`

---

**EZY2426E** `create_TCP_port::bind` (*tcperror*)

**Explanation:** The `bind()` call encountered an error when trying the bind an address to the socket.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). See *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for a description of error values.

**Module:** MISCSRV

**Procedure Name:** `init_TCPsocket`

---

**EZY2427E** `create_UDPC_port::bind` (*tcperror*)

**Explanation:** The `bind()` function encountered an error when trying the bind a UDP port.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). For more information about the `bind()` function

## EZY2428E • EZY2431E

and additional error values see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** init\_socket

---

**EZY2428E** create\_TCP\_port::listen (*tcperror*)

**Explanation:** The listen function, which is used to create a TCP connection to listen for data, encountered an error. (*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). For more information about the listen function and additional error values see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** init\_TCPsocket

---

**EZY2429E** create\_IUCV\_port::socket (*tcperror*)

**Explanation:** An error occurred when creating an IUCV\_port and socket connection.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). For more information on the error condition see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** init\_SMSGsocket

---

**EZY2430E** cannot connect msg socket (*tcperror*)

**Explanation:** An error was detected when trying to initiate a socket connection to the server. No connection is established.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (*tcperror*). A description of the connect() function and error codes for the function can be found in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** init\_SMSGsocket

---

**EZY2431E** Accept() (*tcperror*)

**Explanation:** The accept() call, which is used to establish a connection to a client, failed to respond to a connection request.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror)*. A description of the `accept()` call and the error conditions generated from this call can be found in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** doTCPecho

---

**EZY2432E**    `recv()` *(tcperror)*

**Explanation:** The `recv()` function, which is used to receive data from a socket and store it in a buffer, was unsuccessful.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The MISCSRV halts. The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror)*. For more information about the `recv()` call and the error conditions for this call, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** doTCPecho

---

**EZY2433E**    `error reading msg_socket` *(tcperror)*

**Explanation:** The buffer space used to store data read from the `msg_socket` cannot accommodate the data. The following errors can occur as a result of the failure:

**EBADF**            The socket is not a valid socket descriptor.

**EFAULT**           Exceeded storage for the caller address space.

**EWOULDBLOCK**

                  The socket is in nonblocking mode and data is not available to read.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror)*. For more information see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** dispMSG

---

**EZY2434E**    `create_UDPC_port: ioctl (get interface conf.)` *(tcperror)*

**Explanation:** The `ioctl` function, which is used to get the network configuration, encountered an error. For more information about the `ioctl` function, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The MISCSRV server halts. The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror)*.

**Module:** MISCSRV

**Procedure Name:** getifconf

---

## EZY2435I • EZY2439I

---

**EZY2435I**    **Echo server:** *socket number buf value*

**Explanation:** This message displays the server type, socket number, and contents of the buffer that holding data to be transmitted.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** doecho

---

**EZY2436I**    **Discard server:** *socket number buf value*

**Explanation:** This message displays the server type, socket number, and contents of the buffer holding received data.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dodisc

---

**EZY2437I**    **Character server:** *socket number buf value*

**Explanation:** This message displays the server type, socket number, and the data stored in the buffer.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dochargen

---

**EZY2438I**    **Invalid Trace option** *name*

**Explanation:** The trace option requested is not valid. The following are valid trace options:

**(NO)ECHO**       Returns the data for UDP and TCP sessions exactly as it is received.

**(NO)DISC**       The data is discarded when sent to the MISCRSV.

**(NO)CHARGEN**  
                  Random data is displayed regardless of the data it receives.

**System action:** The application continues.

**Operator response:** Reenter the trace option with a valid request.

**System programmer response:** Assist the user as necessary.

**Module:** MISCSRV

**Procedure Name:** dispSMSG

---

**EZY2439I**    **Currently not tracing anything.**

**Explanation:** The trace option is not enabled.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dispSMMSG

---

**EZY2440I**    **Currently tracing:** *name*

**Explanation:** This informational message displays the current level of tracing.

**System action:** The application continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** dispSMMSG

---

**EZY2441I**    **Trace option not defined**

**Explanation:** The application does not support the trace option.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2442I**    **Invalid initialization parameter:** *name*

**Explanation:** The parameter you have entered is not valid.

**System action:** The application continues.

**Operator response:** Restart the miscellaneous server with a valid parameter. See the *z/OS Communications Server: IP User's Guide and Commands* for more information about correct parameters.

**System programmer response:** Assist the user as necessary.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2443I**    **fcntl failed:** (*tcperror*)

**Explanation:** The fcntl() call failed to initialize the socket descriptor into nonblocking mode.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** Initialization of the MISCSRV server halts. The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror)*. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information about the fcntl() call and the error conditions that can occur when using this call.

**Module:** MISCSRV

**Procedure Name:** init\_TCPsocket

---

**EZY2632E**    ***parameter* value must be either TRUE or FALSE.**

**Explanation:** While processing the FTP.DATA file, a parameter in the file was encountered which required a value of either TRUE or FALSE. The actual value specified was something other than TRUE or FALSE. *parameter* is the name of the parameter in error.



## EZY2633E • EZY2635E

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for *parameter*. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2633E** *parameter value missing - must be either TRUE or FALSE.*

**Explanation:** While processing the FTP.DATA file, a parameter in the file was encountered which required a value of either TRUE or FALSE, but which had no value specified. *Parameter* is the name of the parameter in error.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2634E** *parameter value value not numeric.*

**Explanation:** While processing either the FTP.DATA file or processing the start options from the FTP server start procedure, a parameter was encountered which required a numeric value, but which had a non-numeric value specified. *parameter* is the name of the parameter in error. *value* is the value which was found in the FTP.DATA file or on the start options for the parameter. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

**System action:** The parameter in error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server procedure start options continues with the next start option.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

**System programmer response:** Correct the FTP.DATA file or the FTP server procedure to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file and FTP server start options.

**Module:** EZAFTPEP

---

**EZY2635E** *Integer overflow number for parameter*

**Explanation:** While processing either the FTP.DATA file or the FTP server procedure start options, a parameter was encountered which required a numeric value, but the value which was specified was larger than the largest valid 4 byte integer value. *parameter* is the name of the parameter in error. *number* is the value which was found in the FTP.DATA file or FTP server procedure start options for the parameter. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

**System action:** The parameter in error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server start option continues with the next start option.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

**System programmer response:** Correct the FTP.DATA file or FTP server start procedure to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file and FTP server start options.

**Module:** EZAFTPEP

---



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**EZY2636E** *parameter value not specified.*

**Explanation:** While processing the FTP.DATA file, a parameter in the file was encountered which required a value, but no value was specified. *parameter* is the name of the parameter in error.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Tip:** If the configuration input is from a UNIX file (see the preceding EZYFT46E message), this might be caused by trailing blanks in the configuration statement. Edit the file to remove those blanks or add a comment to the end of the statement.

**Module:** EZAFTPEP

---

**EZY2638I** Using FTP configuration defaults.

**Explanation:** The FTP server was unable to locate/open any external FTP.DATA files. The internal defaults for all FTP.DATA file parameters are being used. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**System action:** The configurable parameters of the FTP server are set to the server provided default values.

**Operator response:** None.

**System programmer response:** If values other than the ones provided by the server are desired, create an FTP.DATA file with the desired parameter values. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file. If an FTP.DATA file already exists, the Syslog daemon log file should contain additional FTP Server error messages indicating why the existing FTP.DATA file was not used.

**Module:** EZAFTPEP

---

**EZY2640I** Using *name* for local site configuration parameters.

**Explanation:** This message indicates which FTP.DATA file is being used for the configurable server parameters. *name* will either be "DD:SYSFTPD", indicating that the SYSFTP DD statement was used for the FTP.DATA file, or it will be the actual name of the file being used. See the *z/OS Communications Server: IP Configuration Reference* for information about the FTP.DATA file search order.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPEP

---

**EZY2642E** Unknown keyword: *parameter*

**Explanation:** While processing the FTP.DATA file, the FTP server encountered a parameter which it did not recognize.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Check the line in error for spelling or typographical errors. If the parameter is incorrect, correct the parameter as necessary. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

## EZY2643E • EZY2648E

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**EZY2643E** *parameter value longer than number characters.*

**Explanation:** While processing the FTP.DATA file, a parameter in the file was encountered which required a character string no longer than the specified number of characters. However, the value that was specified was longer than the maximum allowed length. *parameter* is the parameter in error. *number* is the maximum allowed length of the parameter value.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2644E** *parameter value number out of range. Value must be between low and high.*

**Explanation:** While processing either the FTP.DATA file or processing the start options from the FTP server start procedure, a parameter was encountered which required a numeric value which was within a specified range. The actual value specified was outside of the allowable range of values for the parameter being processed. *parameter* is the parameter in error. *number* is the actual value that was specified. *low* is the minimum acceptable value, *high* is the maximum allowable value. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server procedure start parameters continues with the next start parameter.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2645E** **CONDDISP value must be either CATLG or DELETE.**

**Explanation:** While processing the FTP.DATA file, the server encountered the CONDDISP parameter with a parameter value that was not CATLG or DELETE. The only valid values for the CONDDISP parameter are CATLG or DELETE.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2648E** **FILETYPE value must be either SEQ, JES, or SQL.**

**Explanation:** While processing the FTP.DATA file, the FTP server encountered the FILETYPE parameter, but the value specified for the FILETYPE parameter was not SEQ, JES, or SQL.

**System action:** The line containing the FILETYPE parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the FILETYPE parameter in the FTP.DATA file to be either SEQ,

JES, or SQL. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**EZY2651E UNITNAME parameter unit: invalid unit type.**

**Explanation:** While processing the FTP.DATA file, the FTP server encountered the UNITNAME parameter, but the value specified for the UNITNAME parameter was not a valid DASD or TAPE unit as defined by the host MVS system.

**System action:** The line containing the UNITNAME parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the UNITNAME parameter in the FTP.DATA file to be a valid DASD or TAPE unit. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**EZY2655E Error in start parameters.**

**Explanation:** While processing the start options specified in the FTP server start procedure, the FTP Server encountered an error.

**System action:** The parameter in error is ignored. Processing of the FTP server start options continues with the next start option.

**Operator response:** This message should be followed by another message which describes the error. Contact the System programmer with both messages to have the FTP server start procedure corrected.

**System programmer response:** This message should be followed by another message which describes the error. Correct the error described by the second message.

**Module:** EZAFTPEP

**EZY2657W Host name unknown; gethostname() error: error**

**Explanation:** The gethostname() socket call did not complete successfully.

**System action:** Processing continues. The hostname will not be known to the server.

**Operator response:** Correct the error indicated by the *error*.

**System programmer response:** Correct the error indicated by the *error*

**Module:** EZAFTPDM

**EZY2658W domain name unknown: gethostbyname() error.**

**Explanation:** The gethostbyname() socket call did not complete successfully.

**System action:** Processing continues. The host domain will not be known to the server.

**Operator response:** Contact the system programmer.

**System programmer response:** Ensure that the host name is accessible via a name server, or defined in HOSTS.SITEINFO and HOSTS.ADDRINFO. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on domain name systems or HOSTS.SITEINFO and HOSTS.ADDRINFO data sets.

**Module:** EZAFTPDM

## EZY2659E • EZY2672E

---

**EZY2659E** RECFM value must be one of: F, FA, FB, FBA, FBM, FBS, FBSA, FBSM, FM, FS, FSA, FSM, V, VA, VB, VBA, VBM, VBS, VBSA, VBSM, VM, VS, VSA, VSM, U, UA, or UM.

**Explanation:** While processing the FTP.DATA file, the FTP server encountered the RECFM parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

**System action:** The line containing the RECFM parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the RECFM parameter in the FTP.DATA file to be a valid record format. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2669E** SPACETYPE value must be either BLOCK, TRACK, or CYLINDER.

**Explanation:** While processing the FTP.DATA file, the FTP server encountered the SPACETYPE parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

**System action:** The line containing the SPACETYPE parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the SPACETYPE parameter in the FTP.DATA file to be a valid space type. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2670E** SQLCOL value must be either NAMES, LABELS, or ANY.

**Explanation:** While processing the FTP.DATA file, the FTP server encountered the SQLCOL parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

**System action:** The line containing the SQLCOL parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the SQLCOL parameter in the FTP.DATA file to be a valid column heading. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2671I** General tracing is already active.

**Explanation:** A MODIFY command with the TRACE option has been issued while tracing of FTP's general activity is currently active. General tracing continues.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPHD

---

**EZY2672E** read\_ftpdata invalid keycode encountered: *key\_code*

**Explanation:** While processing the FTP.DATA file, an internal error occurred.

*key\_code* is an internal code describing the error.

**System action:** An assertion failure occurs to provide additional information about the error.

**Operator response:** Contact the system programmer with the error message and the assertion failure output.

**System programmer response:** Contact the IBM Software Support Center with the error and the assertion failure output.

**Module:** EZAFTPEP

---

**EZY2673E Error reading FTP configuration file:** *error\_description*

**Explanation:** While reading the records in the FTP.DATA set, the read of one of the records failed.

*error\_description* describes the error.

**System action:** Processing of the FTP.DATA file is terminated.

**Operator response:** Correct the problem with the FTP.DATA file.

**System programmer response:** Correct the problem with the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2674E LRECL number is invalid for RECFM** *recfm*.

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM and LRECL variables and found them to be set to a combination that is invalid for the MVS operating system.

**System action:** The LRECL value is changed to the nearest value which is compatible with the record format. This message should be followed by EZY2675I, indicating the new value of the LRECL.

**Operator response:** If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl and record format values put into the FTP.DATA file.

**System programmer response:** Update the FTP.DATA file with the corrected values for RECFM or LRECL. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2675I LRECL being reset to number**

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM and LRECL parameters and found them to be set to a combination that is invalid for the MVS operating system. The LRECL parameter was changed to the indicated lrecl. This message is usually preceded by message EZY2674E indicating the error.

**System action:** LRECL parameter is changed.

**Operator response:** Correct the error as indicated for message EZY2674E.

**System programmer response:** Correct the error as indicated for message EZY2674E.

**Module:** EZAFTPEP

---

**EZY2676E BLOCKSIZE must equal LRECL for RECFM** *recfm*.

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the LRECL and BLOCKSIZE parameters to be equal, but they were not equal. The BLOCKSIZE parameter was changed to the indicated lrecl. This message is followed by message EZY2677I indicating the new value of BLOCKSIZE.

**System action:** The blocksize value is changed to the lrecl value.

**Operator response:** If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

**System programmer response:** Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

## EZY2677I • EZY2680I

---

**EZY2677I**    **BLOCKSIZE being set to** *blocksize number*.

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the value BLOCKSIZE parameter to have a dependency on the value of the LRECL parameter, but the dependency was not met. The BLOCKSIZE parameter was changed to comply with the dependency on the LRECL. This message is preceded by message EZY2676E, EZY2678E, or EZY2679E indicating the nature of the relationship between BLOCKSIZE and LRECL.

**System action:** The blocksize value is changed to the indicated value.

**Operator response:** Correct the error as indicated for message EZY2676E, EZY2678E, or EZY2679E.

**System programmer response:** Correct the error as indicated for message EZY2676E, EZY2678E, or EZY2679E.

**Module:** EZAFTPEP

---

**EZY2678E**    **BLOCKSIZE must be a multiple of LRECL for RECFM** *recfm*.

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be a multiple of the LRECL parameter, but it was not.

**System action:** BLOCKSIZE is set to a value that is the nearest multiple of LRECL.

**Operator response:** If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

**System programmer response:** Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2679E**    **BLOCKSIZE must be at least 4 more than LRECL for RECFM** *recfm*

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be at least four greater than the LRECL parameter, but it was not.

**System action:** BLOCKSIZE is set to LRECL + 4. If LRECL is greater than 32756, the LRECL will be changed to 32756 so that BLOCKSIZE will not exceed the maximum value of 32760.

**Operator response:** If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

**System programmer response:** Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2680I**    **LRECL being changed to** *number*

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be at least four greater than the LRECL parameter, but it was not. The server attempted to change the BLOCKSIZE value to LRECL + 4, but the LRECL value was greater than 32756, which would cause the BLOCKSIZE to exceed the maximum value of 32760. LRECL was changed to the indicated value.

**System action:** LRECL is changed to the indicated value.

**Operator response:** Correct the error as indicated for message EZY2679E.

**System programmer response:** Correct the error as indicated for message EZY2679E.

**Module:** EZAFTPEP



---

**EZY2681E Invalid record format 'recfm' encountered.**

**Explanation:** After processing the FTP.DATA file, the server attempted to cross check the RECFM, BLOCKSIZE, and LRECL values, but the value of RECFM was invalid.

**System action:** The RECFM, BLOCKSIZE, and LRECL values are reset to the default values.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the FTP.DATA statement by choosing the valid values.

**Module:** EZAFTPEP

---

**EZY2682I LRECL, RECFM, and BLOCKSIZE being reset to default values.**

**Explanation:** After processing the FTP.DATA file or LOCSITE command, the server or client attempted to cross check the RECFM, BLOCKSIZE, and LRECL values, but the value of RECFM was invalid. The LRECL, RECFM, and BLOCKSIZE values are reset to the default values.

**System action:** The RECFM, BLOCKSIZE, and LRECL values are reset to the default values.

**Operator response:** Contact the system programmer if you do not want to use the default values.

**System programmer response:** Correct the FTP.DATA statement by choosing the valid values.

**Module:** EZAFTPEP

---

**EZY2688E Unknown start option: *option***

**Explanation:** While processing the start options specified in the FTP server start procedure, the FTP server encountered the invalid start option listed in the message.

**System action:** The start option is ignored. Processing continues with the next start option.

**Operator response:** Contact the system programmer to correct the FTP server start procedure.

**System programmer response:** Correct the start option in the FTP server start procedure. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the FTP Server start options.

**Module:** EZAFTPEP

---

**EZY2689E An error occurred processing the FTP translate table file *name*.**

**Explanation:** FTP encountered an error while attempting to process the translation table file *name*.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** This message is followed by an additional message that further defines the error. Correct the error indicated by these messages.

**System programmer response:** This message is followed by an additional message that further defines the error. Correct the error indicated by these messages.

**Module:** EZAFTPNY

---

**EZY2690E Header record invalid format.**

**Explanation:** The FTP server was attempting to load a translation table, but the file specified for the translation table did not have a valid TCPXLBIN header record. The first record in the file should have been *"\*TCP/IP translate tables"*, but was not.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** If the file name is correct, the file has probably gotten corrupted. Use the CONVXLATE command to rebuild the table.

## EZY2691E • EZY2700I

**System programmer response:** If the file name is correct, the file has probably gotten corrupted. Use the CONVXLATE command to rebuild the table.

**Module:** EZAFTPNY

---

### EZY2691E Error reading the file: *error*

**Explanation:** The FTP server was attempting to load a translation table, but the error *error* occurred while attempting to read the file.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** Correct the error indicated by *error*. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

**System programmer response:** Correct the error indicated by *error*. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

**Module:** EZAFTPNY

---

### EZY2693I Unable to open *name* : *reason*

**Explanation:** The FTP server attempted to open the specified file, but the open failed for the specified reason.

**System action:** The FTP server will continue through the search order.

**Operator response:** If the file *name* is the desired file, correct the error specified by *reason*. This message will be issued for each file as the server proceeds through the search order. If the desired file is further in the search order, no action is necessary.

**System programmer response:** If the file *name* is the desired file, correct the error specified by *reason*. This message will be issued for each file as the server proceeds through the search order. If the desired file is further in the search order, no action is necessary.

**Module:** EZAFTPCZ, EZAFTPEP, EZAFTPNX

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### EZY2697I IBM FTP *version time on date*

**Explanation:** This is an informational message indicating that the MVS FTP server has completed initialization and is ready for client connections. The message indicates the version of the FTP server and the time and date the server was started.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

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### EZY2700I Using port FTP control (*portnumber*)

**Explanation:** This is an informational message indicating which port the FTP server is listening on for incoming client connections. This should be either the port specified for the ftp server in the etc.services file, the port specified by the PORT start option, or default port 21.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

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**EZY2701I Inactivity time is *timeout***

**Explanation:** This is an informational message indicating the value being used for the client control connection timeout. Client control connections inactive for this number of seconds will be terminated by the server. A timeout value of 0 indicates that inactive client connections will not be terminated. This value should be either the default timeout value or the value specified by the INACTIVE start option or FTP.DATA parameter.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

---

**EZY2702I Server-FTP: Initialization completed at *time on date***

**Explanation:** This is an informational message indicating that the MVS FTP C Server has completed initialization and is ready for client connections. The message indicates the time and date the server was started.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

---

**EZY2706E Unsupported Modify command parameter *parameter* ignored.**

**Explanation:** A Modify request was issued to the Server, but the server did not recognize the parameter entered on the modify request.

**System action:** The request is ignored.

**Operator response:** Verify that the Modify command was entered correctly. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the Modify command.

**System programmer response:** None.

**Module:** EZAFTPDM

---

**EZY2707E Unsupported console command (hex code) *command name* ignored.**

**Explanation:** An MVS command was entered to the FTP server, but the server did not support the MVS command. Currently the only supported MVS commands are MODIFY and STOP.

**System action:** The MVS command is ignored.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

---

**EZY2714I FTP server shutdown in progress**

**Explanation:** The FTP daemon has been terminated either by an MVS operator STOP command, or by an OMVS kill command.

**System action:** The FTP daemon terminates.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

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## EZY2715I • EZY2723I

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**EZY2715I** General tracing is not active.

**Explanation:** A MODIFY command was entered requesting that general tracing of all user IDs be ended, but tracing is not currently active. The MODIFY command is ignored.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPHD

---

**EZY2720I** Using Japanese translation tables in *filename*

**Explanation:** The translation table in the file is used as specified.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDC

---

**EZY2721E** Unable to load Japanese translation tables in *filename*; return code: *code*

**Explanation:** The FTP server encountered an error while attempting to load the indicated translation table. Possible return codes are:

- 1 No storage for the translation table
- 2 Unable to find the translation table header
- 3 Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in the message.

**Module:** EZAFTPDC

---

**EZY2722E** Unable to load Japanese translation tables.

**Explanation:** The FTP server cannot open the indicated translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the translation table is properly specified and loaded in storage accessible to the FTP server.

**Module:** EZAFTPDC

---

**EZY2723I** Using Korean translation tables in *filename*

**Explanation:** The FTP server is using the indicated translation table.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDC

---

---

**EZY2724E** Unable to load Korean translation tables in *filename*; return code: *code*

**Explanation:** The FTP server was unable to load the indicated translation table. Possible return codes are:

- 1 No storage for the translation table
- 2 Unable to find the translation table header
- 3 Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in this message.

**System programmer response:** None.

**Module:** EZAFTPDC

---

**EZY2725E** Unable to load Korean translation tables.

**Explanation:** The FTP server cannot open the indicated translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the translation tables are properly specified and in storage accessible to the FTP server.

**Module:** EZAFTPDC

---

**EZY2726I** Using traditional Chinese translation tables in *filename*

**Explanation:** The FTP server is using the indicated Chinese translation table.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDC

---

**EZY2727E** Unable to load traditional Chinese translation tables in *filename*; return code: *code*

**Explanation:** The FTP server cannot open the indicated Chinese translation table. Possible return codes are:

- 1 No storage for the translation table
- 2 Unable to find the translation table header
- 3 Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in this message.

**Module:** EZAFTPDC

---

**EZY2728E** Unable to load traditional Chinese translation tables.

**Explanation:** The FTP server cannot open the indicated Chinese translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the Chinese translation table is properly specified and in storage accessible to the FTP server.

**Module:** EZAFTPDC

---

**EZY2790E Invalid format data set name "dsn". Dcbdsn parameter ignored.**

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *dsn*, was not a valid MVS data set name. The DCBDSN keyword is ignored. The FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Correct the DCBDSN data set name in the FTP.DATA file. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

**EZY2792E Error retrieving "data\_set". Dcbdsn parameter ignored.**

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, was migrated, and the server was unable to recall the data set. The keyword is ignored. The FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Determine why the data set cannot be recalled and correct the error.

**System programmer response:** Assist the user as necessary.

**Module:** EZAFTPRU

---

**EZY2793E "data\_set" is migrated and noautorecall is specified. Dcbdsn parameter ignored.**

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, was migrated and No Autorecall had also been specified. The server was unable to recall the data set. The keyword is ignored. The FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Change the FTP.DATA file or the FTP server start procedure to specify Autorecall; or recall the data set prior to starting the FTP server (note that the data set must then not be migrated at any point while the FTP server is active); or change the data set specified for the DCBDSN keyword to a data set that is not migrated. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

**EZY2794E Error mounting "data\_set". Dcbdsn parameter ignored.**

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, was on an unmounted volume. The server encountered an error attempting to mount the volume. The keyword is ignored and the FTP server continues processing with the next keyword.

**System action:** FTP continues.

**Operator response:** Determine why the volume could not be mounted and correct the error.

**System programmer response:** Assist the user as necessary.

**Module:** EZAFTPRU

---

**EZY2795E Volume for "data\_set" is not mounted and noautomount is specified. DCBDSN parameter ignored.**

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, was on an unmounted volume and NO AUTOMOUNT had also been specified. The server was unable to mount the volume. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Contact the system programmer to change the settings of the FTP.DATA file. If necessary, mount the volume containing the DCBDSN data set.

**System programmer response:** Change the FTP.DATA file or server job start options to allow Automount; mount the volume containing the DCBDSN data set (note that the volume must then remain mounted for the duration of the FTP server job); or change the DCBDSN parameter to specify a data set that is on a mounted volume. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

**EZY2796E** Data set "data\_set" does not exist. Dcbdsn parameter ignored.

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, did not exist. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Correct the FTP.DATA file to specify an existing data set for the DCBDSN keyword. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

**EZY2797E** "data\_set" is not on a direct access volume. Dcbdsn parameter ignored.

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, was not located on a direct access volume. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Notify the system programmer.

**System programmer response:** Change the DCBDSN parameter of the FTP.DATA file to specify a data set that is on a direct access volume. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

**EZY2798E** "data\_set" is a VSAM data set. Dcbdsn parameter ignored.

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, was a VSAM data set and could not be used as a model data set. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** Contact the system programmer to change the settings of the FTP.DATA file.

**System programmer response:** Change the DCBDSN keyword in the FTP.DATA file to specify a non-VSAM data set. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

**EZY2799E** "data\_set" invalid dsorg. Dcbdsn parameter ignored.

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, had an incorrect data set organization and could not be used as a model data set. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

## EZY2800E • EZY2832E

**Operator response:** Contact the system programmer to change the settings of the FTP.DATA file.

**System programmer response:** Change the DCBDSN keyword in the FTP.DATA file to specify a data set with a valid data set organization (PS or PO). Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

### EZY2800E Error locating file "data\_set". Dcbdsn parameter ignored.

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data\_set*, could not be located. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** If the data set exists, determine why the server was unable to locate it, and correct the error. If necessary, contact the system programmer to change the settings of the FTP.DATA file.

**System programmer response:** Change the DCBDSN keyword in the FTP.DATA file to specify a valid data set. Refer to the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPRU

---

### EZY2830I Using simplified Chinese translation tables in filename

**Explanation:** The FTP server is using the indicated simplified Chinese translation table.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDC

---

### EZY2831E Unable to load simplified Chinese translation tables in filename; return code: code

**Explanation:** The FTP server cannot open the indicated simplified Chinese translation table. Possible return codes are:

- 1 No storage for the translation table
- 2 Unable to find the translation table header
- 3 Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in this message.

**Module:** EZAFTPDC

---

### EZY2832E Unable to load simplified Chinese translation tables.

**Explanation:** The FTP server cannot open the indicated simplified Chinese translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the simplified Chinese translation table is properly specified and in storage accessible to the FTP server.

**Module:** EZAFTPDC

---

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## Chapter 4. EZY3xxxx messages

---

**EZY3720I**    *f=number d=number rl=hexvalue rdl=number pdh=number pdl=number*

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** print\_request\_parms

---

**EZY3721I**    *rc=number err=number rpl=hexvalue rpb=hexvalue rpbl=number*

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** print\_request\_parms

---

**EZY3722I**    *string hexvalue xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx*

**Explanation:** Hexadecimal display of information starting at storage address *hexvalue*. This display is generated by a call to the `prntdata` function. The *string* value is supplied by the caller to identify this output. If more than 16 bytes of data are displayed, message EZY3723I is used for additional lines.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** prntdata

---

**EZY3723I**    *string xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx*

**Explanation:** Hexadecimal storage display generated by a call to the `prntdata` function. This format is used for subsequent lines after message EZY3722I until the requested amount of data is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** prntdata

---

## EZY3724I • EZY3727I

---

**EZY3724I** descarray is at *addr*, size is *bytes bytes*

**Explanation:** This indicates the address and size of the socket descriptor array.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** alloc\_global\_fdsets

---

**EZY3725I** descarray has *number* entries, entry size is *bytes*

**Explanation:** This indicates the number of socket descriptor entries and the size of the entries that appear in the IUCV socket descriptor table.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** alloc\_global\_fdsets

---

**EZY3726I** iucvdesc is at *addr*

**Explanation:** The IUCV descriptor structure is located at the address in this message. This is the location of extra storage for IUCV socket information.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** alloc\_global\_fdsets

---

**EZY3727I** in nextbuf with *function* type

**Explanation:** The function descarray\_nextbuf has been called with a type argument other than receive, send, read, accept, or write. The function descarray\_nextbuf issues this message and returns -1.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_nextbuf

---



---

**EZY3728I** data pending=*data*, fd=*descriptor*, path=*path*, iptype=*type* (*status*)

**Explanation:** This indicates the pointers to the number of input buffers left to be read, the file descriptor, the IUCV path ID, the IUCV parameter list status type, and the actual status.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_iucv\_receive

---

**EZY3729I** fd=*descriptor* iucvselect now TRUE

**Explanation:** This indicates the file descriptor and that at least one AF\_IUCV descriptor is in the caller's mask.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_select

---

**EZY3730I** fd=*descriptor* inetselect now TRUE

**Explanation:** This indicates the file descriptor and that at least one AF\_INET descriptor is in the caller's mask.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_select

---

**EZY3731I** IUCV interrupt from TCPIP,

**Explanation:** This message is issued when debugging is requested (a trace socket statement appears in the tcpip.data configuration file). It is issued along with message EZY3732X to indicate that an IUCV interrupt has been received from TCPIP.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

## EZY3732X • EZY3736S

---

**EZY3732X** *fd=descriptor, path=path, type=type (string)*

**Explanation:** This message is concatenated to EZY3731I and indicates the file descriptor, the path ID, the numeric value of the interrupt type, and the symbolic type of external interrupt.

**System action:** TCPIP continues

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3733E** *userid severed IUCV path.*

**Explanation:** The indicated user severed the IUCV path. The TCP connection corresponding to each stream socket is reset.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3734E** *userid severed IUCV path. Reason .ipuser.field*

**Explanation:** The indicated userid severed the IUCV path. This occurs only in the case of shutdown or an unexpected error. The ipuser field in the SEVER external interrupt indicates the reason for the sever. The reason is in EBCDIC. The possible reason codes and explanations appear in *z/OS Communications Server: IP Programmer's Guide and Reference*.

**System action:** The system action depends on the type of error that occurred.

**Operator response:** None.

**System programmer response:** See *z/OS Communications Server: IP Programmer's Guide and Reference* to determine the reason for this error and to correct the error. If the error is the result of an error in TCPIP, contact the IBM Software Support Center.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3735I** *IUCV interrupt, fd=descriptor, path=path, type=type (string)*

**Explanation:** This message is issued when socket tracing is requested and indicates an IUCV interrupt of the indicated type number (name) occurred for the file descriptor and path ID specified.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3736S** *Had a rejected message completion, msg lost*

**Explanation:** An IUCV interrupt denoting "rejected message" was received; the message is lost.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3737W Sever Pending Connection from *addrspace* for *application***

**Explanation:** An IUCV interrupt was received for a socket that does not exit. The connection to the indicated TCPIP address space is severed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3738W Sever Pending Connection, no user data**

**Explanation:** The pending connection of the IUCV path to the TCPIP address space has been severed. No user data is available for the connection.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** descarray\_save\_iucvbuf

---

**EZY3739W Message Complete audit field: *value.value.value***

**Explanation:** An IUCV interrupt occurred with nonzero audit data. This signifies an error was detected after the IUCV operation was requested. The values in the message indicate more specific details about the type of error.

**System action:** Error return will be indicated by the socket function invoked.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the traces and the dump.

**Module:** CMIUCSOC

**Procedure Name:** check\_audit

---

**EZY3740I Rc=*code* on IUCV *function* fd=*descriptor*, buf (*ipbfadr2*) is at *address***

**Explanation:** This message appears during a request to get the next IUCV buffer if socket tracing is in effect. The return code from the IUCV\_NEXTBUFFER function, the IUCV function, the file descriptor, and the address of the buffer for the request are displayed.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

## EZY3741I • EZY3744E

Procedure Name: doiucv

---

**EZY3741I** Rc=code on IUCV\_function to id fd=descriptor, path=path, iprcode=iprcode, ipmsgid=hexid, iucvname=string

**Explanation:** This message displays information about an IUCV function including:

- Return code
- Function name
- User ID of the TCPIP address space
- File descriptor
- Path ID
- The isolated pacing response (IPR) code
- The message ID from the function
- IUCV name or descriptor name

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

Procedure Name: doiucv

---

**EZY3742I** ciucv\_data area (ipbfadr2) is at address

**Explanation:** The IPBFADR2 data area is at the location pointed to by the address in the message.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

Procedure Name: doiucv

---

**EZY3743I** Caught a REPLY after PURGE

**Explanation:** A reply external interrupt occurred after the IUCV\_PURGE function. This message is generated only when socket tracing is in effect. IUCV ignores the reply.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

Procedure Name: doiucv

---

**EZY3744E** Rc=code on IUCV\_function to id, path=path, iprcode=code, iucvname=name

**Explanation:** This message displays information about an unsuccessful IUCV function including:

- Return code
- Function name
- User ID of the TCPIP address space
- Path ID
- The isolated pacing response (IPR) code

- IUCV name or descriptor name

This message appears when socket tracing is not in effect (when socket tracing is specified, other messages convey the same information as this one, therefore this message is not generated.)

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** CMIUCSOC

**Procedure Name:** doiucv

---

**EZY3745E**    **Should not be in sock\_request\_iucv for function,**

**Explanation:** The sock\_request\_iucv routine should not have been called for the function indicated in this message. IUCV returns a -1 return code and an error to indicate that an incorrect file number was detected.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** This is an internal error. Contact the IBM Software Support Center to report the error.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_iucv

---

**EZY3746I**    **sock\_request\_inet entry parms:**

**Explanation:** This message precedes the list of parameters that are being used for the sock\_request\_inet routine, the routine that sends an INET socket request.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

---

**EZY3747I**    **sock\_request\_inet returns EIBMIUCVERR**

**Explanation:** The sock\_request\_inet routine encountered an error while trying to send an INET socket request. This message has additional text concatenated to it that gives more information about the circumstances where the error occurred.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

## EZY3748X • EZY3754X

---

### EZY3748X after check\_and\_establishiucv() err

**Explanation:** This message is concatenated to message EZY3747I. The current IUCV path has been severed. The socket application attempted to establish a new path, but was not successful. The application sets the error number parameter to indicate an IUCV error, and the return code to indicate no path ID.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

---

### EZY3750X after doiucv() err

**Explanation:** This message is concatenated to message EZY3747X. An error occurred when IUCV sent an INET socket request to TCPIP.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

---

### EZY3752X due to bad irpt

**Explanation:** This message is concatenated to message EZY3747X. An error occurred when an IUCV interrupt was received. Information in the interrupt buffer does not match what was expected.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

---

### EZY3754X after check\_audit()

**Explanation:** This message is concatenated to message EZY3747I. The check\_audit routine checked the audit field of an IUCV interrupt and the field indicated an error occurred during the interrupt. The return code and errno value provide more information about the error. IUCV returns the return code and errno value in the parameter list.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

---

**EZY3755I** sock\_request\_inet return parms:

**Explanation:** These are the parameters that the sock\_request\_inet routine returns upon completion. If an error occurred during this routine, the return code and errno will appear in this parameter list.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock\_request\_inet

---

**EZY3756I** flush\_dgram: about to call sock\_request(), totlen*bufferlength*

**Explanation:** The sock\_request function is to be called, with a buffer of the length indicated in the message. This call will transmit all locally buffered datagrams to TCPIP. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_send

---

**EZY3757I** sending iovcnt=*number*

**Explanation:** This is the number of datagrams being sent for a socket request. Message EZY3758I will be generated for each of these datagrams. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_send

---

**EZY3758I** theiovs [*number*].iov\_base= *number*.iov\_len=*length* data=

**Explanation:** The iovec structure fields (address and length of a datagram) is displayed, followed by the first 50 bytes of the datagram in hexadecimal format. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_send

---

## EZY3774I • EZY3778I

---

### EZY3774I *fd=descriptor* in callers rmask

**Explanation:** This message identifies a file descriptor set in the caller's read mask. The message will be issued once for each file descriptor that is set in the read mask. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

### EZY3775I *fd=descriptor* unallocated

**Explanation:** The indicated file descriptor is not allocated, but it was specified in a read, write, or exception mask supplied by an application as an argument to a select function. This message is generated only when socket tracing is in effect. The select function returns an error to indicate an incorrect file number.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

### EZY3776I *fd=descriptor* in callers wmask

**Explanation:** This message identifies the file descriptors set in the caller's write mask. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

### EZY3777I *fd=descriptor* in callers emask

**Explanation:** This message identifies the file descriptors set in the caller's exception mask. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

### EZY3778I Select would cause deadlock

**Explanation:** The arguments to select specified nothing (no file descriptor, no time-out, etc.) that could be or become ready, therefore an attempt to perform this select function would never return. Error code EDEADLK is returned to caller.

**System action:** TCPIP continues.

**Operator response:** None.



**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3779I in inetselect**

**Explanation:** The status of the AF\_INET descriptors in the inetselect mask is being checked (an interaction with TCPIP will occur). This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3780I in inetselect iucverror**

**Explanation:** The socket IUCV path to the TCPIP address space no longer exists. (This might occur if TCPIP is unsuccessful, or is intentionally stopped, for example.) This message is generated only when socket tracing is in effect. Error code -1 is generated by the select function called by the application.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3781I waitvalue of 0 secs to TCPIP**

**Explanation:** A select function has already determined a selected AF\_IUCV descriptor is ready. It is forcing a wait time of zero when contacting TCPIP to learn whether any selected AF\_INET descriptor is also ready. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3782I in iucvselect, iucvnfds=*numberfds***

**Explanation:** This message indicates the number of ready AF\_IUCV file descriptors found in the select mask. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

## EZY3783I • EZY3787I

---

**EZY3783I** user specified *seconds s micro-seconds ms* wait

**Explanation:** The user requested the specified time-out value in a call to a select function. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3784I** issue stimer now

**Explanation:** A select function was called with a time-out argument, but no AF\_INET descriptors in the selection mask and no other selected descriptors ready. Therefore, the select function will use STIMER to measure the wait time locally. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3785I** do not issue stimer

**Explanation:** A select function was called with a time-out value of zero. No selected descriptor is ready, and no wait will be performed. The select function sets the user file descriptor masks to zero (no descriptor is ready) and returns a zero return code. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3786I** wait forever, null ptr to timeval

**Explanation:** A select function has been called with NULL as the time-out argument. No selected descriptor is currently ready, therefore the socket application will wait until a descriptor becomes ready (or the specified ECB is posted, if selectex was called). This message is generated only when socket tracing is in effect.

**System action:** The application waits until the desired action occurs.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3787I** wait ecblist=*list*, ecbcoun=*count*

**Explanation:** Displays the address of the ECB list, and the number of ECBs in this list, that will be used by a select function to wait for an event to occur. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3788I** iucvposted=*iucv*, waitposted=*wait*, callposted=*call*

**Explanation:** Describes the result of the WAIT operation described by message EZY3787I, specifically indicating the posted status of the ECB used for IUCV interrupts (iucvposted), the ECB used for timer interrupts (waitposted), and the ECB supplied by the calling application (callposted). This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3789I** in iucvposted

**Explanation:** A select function is processing an IUCV interrupt. If the interrupt indicates a message complete from TCPIP, IUCV merges the AF\_IUCV file descriptor sets with the AF\_INET file descriptor sets returned by TCPIP. If there are AF\_IUCV descriptors in the caller's masks, any IUCV interrupt selected by the caller's mask completes the request and the caller's mask is set accordingly. If an AF\_IUCV interrupt is received for a descriptor not in the caller's mask, the select function continues waiting. This message is generated only when socket tracing is in effect.

**System action:** The application's action depends on the specific case. See the explanation for more information. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3790I** iucvcomp is now TRUE

**Explanation:** A select function found at least one AF\_IUCV descriptor in the caller's masks, and an IUCV interrupt occurred on an AF\_IUCV path. Assignment of TRUE to the variable iucvcomp causes later code to check whether this IUCV interrupt satisfies the select condition. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3791I** in gotmsgcomp

**Explanation:** This indicates that select received a Message Complete interrupt from TCPIP (because one of the AF\_INET descriptors identified by the select function's caller is ready) and is about to proceed accordingly. Select adds any AF\_IUCV descriptors that are ready to the AF\_INET ready descriptors in the mask, and continues. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

## EZY3792I • EZY3795I

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3792I**    *nfds=value, return=value*

**Explanation:** Displays the number of AF\_IUCV descriptors that are ready (nfds) and the total number of ready descriptors (return), which is the value returned by select. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3793I**    **must wait for TCPIP**

**Explanation:** This indicates that a select function must wait for a reply to its message to TCPIP before it can complete. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3794I**    **in iucvcom && iucvselect**

**Explanation:** A select function is ending because an AF\_IUCV descriptor has become ready before any AF\_INET descriptor or other action that would end the select (for example, time-out or ECB posting). This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3795I**    **in wait posted**

**Explanation:** A select function is ending because the time-out value specified by the caller has expired. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

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**EZY3796I** in wait posted iucvselect

**Explanation:** A select function's time-out period has expired (this message follows message EZY3795I) and the selection mask includes one or more AF\_IUCV descriptors. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3797I** callers ECB posted

**Explanation:** A select function is ending because the ECB identified by the caller has been posted, rather than any of the specified descriptors becoming ready. Select sets the caller's masks to zero and returns a zero return code.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common\_select

---

**EZY3818I** Your *dataset* has enabled debug.

**Explanation:** Debugging has been requested by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** ReadProf

---

**EZY3819I** Your *dataset* has enabled TESTSTOR.

**Explanation:** The TESTSTOR function has been requested by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** ReadProf

---

**EZY3820I** Your *dataset* has disabled TESTSTOR.

**Explanation:** The TESTSTOR function has been turned off by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

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## EZY3821I • EZY3829I

**Module:** CMIUCSOC

**Procedure Name:** ReadProf

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**EZY3821I TESTSTOR is enabled.**

**Explanation:** The TESTSTOR function is active and will check the validity of storage addresses provided as arguments in calls to socket functions. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** ReadProf

---

**EZY3822I TESTSTOR is not enabled.**

**Explanation:** The TESTSTOR function is not active. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** ReadProf

---

**EZY3828E dataset could not be opened or is not defined.**

**Explanation:** The ETC.SERVICES data set could not be opened or is not defined.

**System action:** GETSERVE continues, additional services are ignored.

**Operator response:** None.

**System programmer response:** If the application ends abnormally as a result of requiring this *hlq.ETC.SERVICES* data set, create the data set implicitly using a valid high level qualifier or explicitly using the DD:SERVICES definition in the application's catalogued procedure. Refer to the *z/OS Communications Server: IP Configuration Reference* for more information.

**Module:** GETSERVE

**Procedure Name:** setservent

---

**EZY3829I pre xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request, getibmopt

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**EZY3830I**    xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request,getibmopt

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**EZY3831I**    xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request,getibmopt

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**EZY3832I**    xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request,getibmopt

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**EZY3833I**    xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request,getibmopt

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**EZY3834I**    xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

## EZY3835I • EZY3952X

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request,getibmopt

---

**EZY3835I** post xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns\_common\_select, hpns\_do\_init, hpns\_do\_term, hpns\_sock\_request,getibmopt

---

**EZY3950X** No error

**Explanation:** This message indicates normal completion, no Inter-User Communication Vehicle (IUCV) error is found. The socket call is successful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3951X** Invalid Path-id

**Explanation:** The path ID in an IUCV operation is incorrect. The socket call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3952X** Path is quiescent

**Explanation:** The IUCV path used in a send operation has been quiesced by the receiver. No messages can be sent on this path until the receiver has performed a resume operation.

**System action:** The socket call continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events



leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3953X Msg limit Exceeded

**Explanation:** The maximum number of IUCV messages has already been queued for the receiver on the path over which a new message send request has been made. The IUCV message is discarded. An error return is generated by the socket function the application called.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3954X Priority msg not allowed on this path

**Explanation:** The IUCV CONNECT parameter for the connection listed priority = NO, so no priority messages are allowed on this path. The message is discarded.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3955X Reply too big

**Explanation:** An IUCV SEND operation specified a reply was required, but the length of the reply sent by the message recipient exceeded the size of the answer buffer provided by the message sender for this reply.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3956X Fetch Protection Exception on answer buffer**

**Explanation:** The address specified for the reply message by an IUCV REPLY operation points to an address in storage that is fetch protected.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3957X Addressing Exception on answer buffer**

**Explanation:** The pointer to the reply buffer specified in an IUCV operation is incorrect or null.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3958X Conflicting msg class/path/msgid**

**Explanation:** This message indicates one of three conditions:

- an unrecognized socket call constant was found in the high-order halfword of the target message class (TRGCLS) keyword.
- conflicting path ID
- conflicting message ID

IUCV operation is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3959X Msg was purged**

**Explanation:** An IUCV REPLY was performed for a message that has been purged by the sender. The reply message is discarded.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3960X Negative msg length

**Explanation:** The buffer length (BUFLLEN) or data length (PRMMSG) is negative and is therefore an incorrect parameter for an IUCV operation. The IUCV call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3961X Target userid not logged on

**Explanation:** The target communicator specified for an IUCV CONNECT function does not exist. The IUCV call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3962X Target userid not enabled for IUCV

**Explanation:** The target communicator specified for an IUCV CONNECT function has not enabled IUCV operations. The IUCV call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

## EZY3963X • EZY3967X

---

### EZY3963X Exceeded number of paths (this side)

**Explanation:** You have exceeded the maximum of 255 simultaneous connections allowed under IUCV. The connection is not established.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3964X Exceeded number of paths (other side)

**Explanation:** The target communicator has exceeded the maximum of 255 simultaneous connections allowed under IUCV. The IUCV call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3965X Not authorized

**Explanation:** You are not authorized to establish an IUCV connection with the remote user's address space. The IUCV call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3967X Invalid function code

**Explanation:** Unknown function specified for IUCV operation. No operation is performed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3968X   Msg limit exceeds 255**

**Explanation:** The message limit specified for an IUCV CONNECT operation is too large. The IUCV CONECT operation is ignored.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3969X   Buffer already declared**

**Explanation:** An IUCV buffer had already been declared, the first step in initializing for IUCV operations, when another IUCV DECLARE BUFFER request was made.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3970X   Path was severed by other side**

**Explanation:** The IUCV partner has severed the path for which an IUCV ACCEPT function is requested. The ACCEPT function is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3971X   Cannot accept data in parmlist**

**Explanation:** An IUCV SEND operation specifying data to be delivered in the parameter list could not be performed because the CONNECT operation that established the IUCV path to be used for the SEND operation did not specify that data could be delivered in the parameter list. The IUCV operation is unsuccessful.

## EZY3972X • EZY3974X

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3972X SEND buffer list is invalid

**Explanation:** The send buffer list data is incorrect or null. The IUCV operation is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3973X Negative length in answer list

**Explanation:** The length specified in the IUCV socket call for the buffer list (BUFLEN) is negative. The socket call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3974X Total list length is invalid

**Explanation:** A buffer list was specified for an IUCV SEND or REPLY operation, and the total message length specified does not match the sum of the individual lengths of the message pieces in the buffer list. The IUCV call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3975X PRMMSG and BUF/ANSLIST conflict**

**Explanation:** The PRMMSG option is not allowed when you specify ANSLIST = YES. The message is not sent.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3976X Buffer list not on double word boundary**

**Explanation:** The buffer list for an IUCV call must begin on an appropriate boundary in storage. The IUCV call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3977X Answer list not on double word boundary**

**Explanation:** The answer list for an IUCV call must begin on an appropriate boundary in storage. Like the BUFLIST field (see message EZY3976X), the ANSLIST must begin on a double-word boundary. The IUCV call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3978X Must create control buffer**

**Explanation:** An attempt was made to perform an IUCV operation, such as CONNECT, on a control path but no DECLARE BUFFER has been issued for control paths. All IUCV operations default to application path.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of



## EZY3985E • EZY3988E

socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3985E Bad socket-call constant (EIBMBADCALL)

**Explanation:** An incorrect socket-call constant was found in the IUCV header, such as a code that refers to a non-existent socket function. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the arguments in the socket call. For details, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3986E Bad parm (EIBMBADPARM)

**Explanation:** One of the parameters specified in the socket call is incorrect. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the offending parameter descriptor. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3987E Socket out of range (EIBMSOCKOUTOFRANGE)

**Explanation:** The socket descriptor is outside the range accepted for the IBM implementation of sockets. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the socket descriptor for the IBM socket to an acceptable value. For details, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY3988E Socket in use (EIBMSOCKINUSE)

**Explanation:** The socket number assigned by the client application for accept, socket, or takesocket call is already in use. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.



**System programmer response:** Create a new accept, socket, or takesocket call for the application. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3989E IUCV error (EIBMIUCVERR)

**Explanation:** The request failed due to an IUCV error. This error is generated by the client stub code. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the IUCV error message that appears directly after this message to aid in determining the nature of the error. For more information about IUCV sockets, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3993E Conflict with other call on socket (EIBMCONFLICT)

**Explanation:** A previous function on the same socket has not completed and the present call is not of a type that can be processed or queued until the previous operation completes. The present call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY3994E Call canceled (EIBMCANCELLED)

**Explanation:** A close() call has been issued by either the server or the client.

**System action:** If the socket is closed when input data is queued, the TCP connection is reset rather than being cleanly closed.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

## EZY3996E • EZY3997E

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**EZY3996E** A TCP/IP name that is not valid was detected (EIBMBADTCPNAME)

**Explanation:** A TCP/IP name that was not valid was detected. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** The system derives the TCP/IP value from the configuration file, as described in the *z/OS Communications Server: IP Configuration Reference*. Correct the TCPIPJOBNAME value defined in the TCPIP.DATA file that is allocated to the job.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3997E** TSRB request code is invalid (EIBMBADREQUESTCODE)

**Explanation:** A request code that was not valid was detected.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** Correct the arguments in the socket call. For details, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

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## Chapter 5. EZY4xxxx messages

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**EZY4000E** A connection token that is not valid was detected. (EIBMBADCONNECTIONMATCH)

**Explanation:** A connection token that is not valid was detected. There is no such connection.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4001E** TCPIP Abend (EIBMTCPABEND)

**Explanation:** An abend occurred in TCP processing of this request.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4008E** TCPIP C Socket Abend (EIBMTERMERROR)

**Explanation:** TCP/IP C Socket encountered a terminating error.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

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**EZY4011E The delete requestor did not create the connection. (EIBMINVDELETE)**

**Explanation:** The request was called from an invalid task.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4012E The connection token validation failed. (EIBMINVSOCKET)**

**Explanation:** Connection token validation failed. The socket does not exist.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4013E Connection Terminated by TCPIP (EIBMINVTCPCONNECTION)**

**Explanation:** A socket connection was terminated by TCP/IP.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4021E TCPIP not installed or not active (EIBMNOACTIVETCP)**

**Explanation:** TCPIP is not installed or not active.

**System action:** TCPIP not available.

**Operator response:** Issue a D TCPIP command to determine whether TCPIP is installed. If it is installed, restart TCPIP and reissue the socket call.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4022E** The requested control block contained data that is not valid. (EIBMINVTSRBUSERDATA)

**Explanation:** The requested control block contained data that is not valid.

**System action:** TCP/IP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4026E** Client received bad post code (EIBMBADPOSTCODE)

**Explanation:** This message is received by an outstanding (blocked) socket when TCPIP is stopped. It indicates that an application was given a bad post code.

**System action:** TCPIP ends.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces will provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4050E** No error

**Explanation:** This message indicates normal completion of a socket call.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the application is correct in detecting that some error occurred, another program has reset the value of errno before the call to tcperror generated this message. Otherwise, the application logic has incorrectly decided an error occurred, and is calling tcperror to display a message when no reason exists to do so.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4051E** Not owner (EPERM)

**Explanation:** Permission is denied. The caller does not have correct ownership to perform the requested operation.

**System action:** The call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Check the permissions for the data set or directory.

**Module:** TCPERROR

**Procedure Name:** tcperror

## EZY4052E • EZY4056E

---

### EZY4052E No such file or directory (ENOENT)

**Explanation:** A referenced data set or directory does not exist.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Verify the data set or directory name, and correct the reference.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4053E No such process (ESRCH)

**Explanation:** The referenced process or task was not found.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Verify the process name, and correct the reference.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4054E Interrupted system call (EINTR)

**Explanation:** A function was unable to complete, usually because of conditions having nothing to do with the request itself. This code does not diagnose an error in a request, but reports that the system handling the request found it more convenient to abandon this request than to continue it after some other activity was performed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Repeat the original request.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4055E I/O error (EIO)

**Explanation:** Some sort of I/O error occurred while the operation was in progress. This could be a disk error, for example.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Make sure that sufficient storage exists for newly-created data sets. Use the appropriate I/O support functions under MVS to isolate the source of the error.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4056E No such device or address (ENXIO)

**Explanation:** The process name or driver name for the socket call is not found.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Verify the local and remote addresses and process names for the socket call. For more information about socket calls, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4057E Arg list too long (E2BIG)**

**Explanation:** The argument list for the call is too long.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the arguments to the call. Reinitiate the application.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4058E Exec format error (ENOEXEC)**

**Explanation:** The sequence of calls in the client or server program is incorrect. The socket call cannot be executed as written.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Check the sequence of calls within the application program. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4059E Bad file number (EBADF)**

**Explanation:** An invalid argument to the socket call was specified. The nature of the error depends on the particular call that triggers it.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the parameters of the appropriate socket call. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4060E No children (ECHILD)**

**Explanation:** No daughter processes exist. Generated by some X-Window System functions.

**System action:** TCPIP continues.

**Operator response:** None.

## EZY4061E • EZY4064E

**System programmer response:**

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4061E No more processes (EAGAIN)

**Explanation:** There are no more processes queued to this connection.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4062E Not enough memory (ENOMEM)

**Explanation:** A memory allocation (malloc) call for an operation failed.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the parameters of the appropriate socket call. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4063E Permission denied (EACCES)

**Explanation:** The caller does not have the correct permissions to perform the requested operation.

**System action:** The request fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the parameters of the appropriate socket call. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4064E Bad address (EFAULT)

**Explanation:** An incorrect storage address or length was specified in the socket call. The following list displays some of the possible function calls that might return this error value:

Call	Explanation
accept	Using ADDR and ADDRLEN would result in an attempt to copy the address into a portion of the caller's address space into which information cannot be written.
bind	Using NAME and NAMELEN would result in an attempt to copy the address into a nonwritable portion of the caller's address space.



Call	Explanation
connect	Using NAME and NAMELEN would result in an attempt to copy the address into a portion of the caller's address space into which data cannot be written.
send	Using the MSG and LEN parameters would result in an attempt to access storage outside the caller's address space.
takesocket	Using the CLIENTID parameter as specified would result in an attempt to access storage outside the caller's address space.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this to your application and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

#### EZY4065E Block device required (ENOTBLK)

**Explanation:** An inappropriate kind of I/O device was specified for an operation.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:**

**Module:** TCPERROR

**Procedure Name:** tcperror

#### EZY4066E Device busy (EBUSY)

**Explanation:** This message indicates that listen () has already been called for the socket.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct or delete the givesocket() call. Retry the task.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

#### EZY4067E File exists (EEXIST)

**Explanation:** The specified data set already exists. Your socket call would overwrite it.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the write() call.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

## EZY4068E • EZY4071E

Procedure Name: tcperror

---

### EZY4068E Cross-device link (EXDEV)

**Explanation:** A socket call specified a cross-device link.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Respecify the parameters of the appropriate socket call to prevent the cross-device link.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

Procedure Name: tcperror

---

### EZY4069E No such device (ENODEV)

**Explanation:** The device pointed to in the givesocket() does not exist.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the client ID parameter in the givsocket() call.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

Procedure Name: tcperror

---

### EZY4070E Not a directory (ENOTDIR)

**Explanation:** The caller specified a non-directory in a directory operation.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the pointer in the socket call parameter.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

Procedure Name: tcperror

---

### EZY4071E Is a directory (EISDIR)

**Explanation:** The caller specified a directory in a non-directory operation.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the pointer in the socket call parameter.

**Module:** TCPERROR

Procedure Name: tcperror

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**EZY4072E Invalid argument (EINVAL)**

**Explanation:** The argument specified to the socket call was not valid. The nature of the error depends on the particular call that triggers it. The following list displays some of the possible function calls that might return this error value:

<b>accept</b>	Listen was not called for this socket.
<b>bind</b>	The socket is already bound to an address.
<b>connect</b>	The specified name length is incorrect.
<b>fcntl</b>	Incorrect flags were specified.
<b>givesocket</b>	An incorrect client ID was entered.
<b>ioctl</b>	The request is incorrect or not supported.
<b>select</b>	One of the fields in the time-out structure is incorrect.
<b>sendto</b>	The target address length is incorrect for the specified address family.
<b>shutdown</b>	The shutdown condition is not 0, 1, or 2.
<b>takesocket</b>	The specified client ID is incorrect.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the above table as a guide for the possible conditions under which this error value can occur. Apply this to your application and, correct the parameters of the appropriate socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4073E File table overflow (ENFILE)**

**Explanation:** The data set containing the connection table for the TCPIP address space exceeded its maximum size.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the `maxdesc()` call to increase the maximum number of sockets from the default value of 47. Then use the `getdtablesize()` call to verify the new maximum. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4074E Too many open files (EMFILE)**

**Explanation:** The socket descriptor table is already full. The following list displays some of the possible function calls that might return this error value:

<b>maxdesc</b>	Indicates that *totdesc is greater than 2000.
<b>takesocket</b>	The socket descriptor table is already full.

**System action:** The call stops. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

## EZY4075E • EZY4078E

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4075E Inappropriate ioctl for device (ENOTTY)

**Explanation:** An incorrect device call was specified in the cmd parameter of the ioctl() call.

**System action:** The socket call closes. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change or delete the ioctl() command for the device. For more information about the ioctl() call, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4076E Text file busy (ETXTBSY)

**Explanation:** The text data set pointed to by the call is currently being written to by another process.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the socket call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4077E File too large (EFBIG)

**Explanation:** The data set is too large. The operation caused the data set to grow beyond the server's limit.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the protocol or socket type specified in the socket() call. For more information about the socket() call, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4078E No space left on device (ENOSPC)

**Explanation:** Insufficient storage exists on the target device to carry out the operation. The operation caused the server's file system to reach its limit.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the len parameter of the send() call. For more information about the send() call, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

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**EZY4079E   Illegal seek (ESPIPE)**

**Explanation:** The stream pipe specified in the socket call is not correct.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the read() call parameters. For more information about the read() call, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4080E   Read-only file system (EROFS)**

**Explanation:** Your application cannot write to the data set specified in the socket call. The data set resides on a read-only file system.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4081E   Too many links (EMLINK)**

**Explanation:** The host connection queue is already full.

**System action:** The call is bypassed. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4082E   Broken pipe (EPIPE)**

**Explanation:** One of the stream pipes used to redirect I/O in the socket call has failed.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Perform a SOCKET or IUCV trace to determine where the failure occurred. For more information, refer to *z/OS Communications Server: IP Diagnosis Guide*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4083E   Argument too large (EDOM)**

**Explanation:** The parameter for the socket call was too large to be a valid argument to the call.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the socket call parameter. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

## EZY4084E • EZY4087E

Procedure Name: tcperror

---

### EZY4084E Result too large (ERANGE)

**Explanation:** The value returned by the socket call is out of the range of anticipated values.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the socket call parameters as necessary and retry the call.

**Module:** TCPERROR

Procedure Name: tcperror

---

### EZY4085E Operation would block (EWOULDBLOCK)

**Explanation:** The meaning and severity of this message depend on the call that generates it. The following list displays some of the possible function calls that might return this error value:

**accept** The socket is in nonblocking mode and connections are not queued. This is not an error condition.

**read recvfrom** The socket is in nonblocking mode and read data is not available. This is not an error condition.

**send sendto write** The socket is in nonblocking mode and buffers are not available.

**System action:** The socket call is bypassed. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

Procedure Name: tcperror

---

### EZY4086E Operation now in progress (EINPROGRESS)

**Explanation:** The socket is marked nonblocking and the connection cannot be completed immediately. The following list displays some of the possible function calls that might return this error value:

**connect** The socket descriptor *s* is marked nonblocking, and the connection cannot be completed immediately. The EINPROGRESS value does not indicate an error condition.

**System action:** The socket call is bypassed. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this to your application and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

Procedure Name: tcperror

---

### EZY4087E Operation already in progress (EALREADY)

**Explanation:** The operation specified in the socket call is already in progress. The following list displays some of the possible function calls that might return this error value:

**connect** The socket descriptor *s* is marked nonblocking, and a previous connection attempt has not completed.

**maxdesc** Your program called maxdesc() after creating a socket, or after a previous call to maxdesc().

**System action:** The socket call is closed. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY4088E Socket operation on non-socket (ENOTSOCK)

**Explanation:** A socket operation was requested on a non-socket. The socket was incorrectly defined.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the socket call parameters.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY4089E Destination address required (EDESTADDRREQ)

**Explanation:** A destination address is needed for the socket call to complete.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Add the destination address to the socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

#### EZY4090E Message too long (EMSGSIZE)

**Explanation:** The message length specified in the sendto call is too large. The maximum is 32,767. The following list displays some of the possible function calls that might return this error value:

**sendmsg** The message was too big to be sent as a single datagram. The default is large-envelope-size.

**sendto** The message was too big to be sent as a single datagram. The default is large-envelope-size.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4091E Protocol wrong type for socket (EPROTOTYPE)**

**Explanation:** The specified protocol is incorrect for this socket type.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the protocol parameter for the socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4092E Option not supported by protocol (ENOPROTOOPT)**

**Explanation:** The socket option specified is incorrect for the protocol type or the level is not SOL\_SOCKET. The following list displays some of the possible function calls that might return this error value:

**getsockopt** The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL\_SOCKET.

**setsockopt** The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL\_SOCKET.

**getibmsocket** The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL\_SOCKET.

**setibmsocket** The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL\_SOCKET.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4093E Protocol not supported (EPROTONOSUPPORT)**

**Explanation:** The protocol specified in the socket call is not supported by the address domain or the socket type. The following list displays some of the possible function calls that might return this error value:

**socket** The PROTOCOL is not supported in this domain, or this PROTOCOL is not supported for this socket type.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4094E Socket type not supported (ESOCKTNOSUPPORT)**

**Explanation:** The socket type specified in the socket call is not supported.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the type parameter in the socket() call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.



**Module:** TCPERROR

**Procedure Name:** tcperror

**EZY4095E Operation not supported on socket (EOPNOTSUPP)**

**Explanation:** The selected socket is not a stream socket. The following list displays some of the possible function calls that might return this error value:

**accept**            The s parameter is not of type SOCK\_STREAM.  
**givesocket**        The socket type is not SOCK\_STREAM.  
**listen**            The s parameter is not a socket descriptor that supports the listen() call.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

**EZY4096E Protocol family not supported (EPFNOSUPPORT)**

**Explanation:** The protocol specified in the socket call is not supported by the address family specified. The following list displays some of the possible function calls that might return this error value:

**getclientid**        The domain is not AF\_INET.  
**takesocket**        The domain field of the CLIENTID parameter is not AF\_INET.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

**EZY4097E Address family not supported by protocol family (EAFNOSUPPORT)**

**Explanation:** The address family specified in the socket call is not supported by the protocol specified. It must be either AF\_IUCV or AF\_INET. The protocol field must be set to 0 if the domain parameter is set to AF\_IUCV. The following table displays some of the possible function calls that might return this error value:

**bind**            The address family is not supported (it is not AF\_IUCV or AF\_INET).  
**connect**            The address family is not supported.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

## EZY4098E • EZY4100E

**Procedure Name:** tcperror

---

### EZY4098E Address already in use (EADDRINUSE)

**Explanation:** The bind() call cannot bind the address specified to the socket with descriptor s because the address is already in use. The following table displays some of the possible function calls that might return this error value:

**bind** The address is already in use. See the SO\_REUSEADDR option described under getsockopt() and the SO\_REUSEADDR option described under setsockopt() in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for more information. This error will also occur if the port specified on the bind has been configured as RESERVED in a TCP/IP profile port reservation statement.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4099E Can't assign requested address (EADDRNOTAVAIL)

**Explanation:** Either the address specified in the socket call is incorrect for the bind() call or the calling host cannot reach the address specified in the connect() call. The following list displays some of the possible function calls that might return this error value:

**bind** The address specified is not valid on this host. For example, the internet address does not specify a valid network interface.

**connect**

The calling host cannot reach the specified destination.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters for the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4100E Network is down (ENETDOWN)

**Explanation:** The host network is down.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the application when the host network restarts.

**Module:** TCPERROR

**Procedure Name:** tcperror

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**EZY4101E Network is unreachable (ENETUNREACH)**

**Explanation:** The network of the address specified in the name parameter of the connect() call cannot be reached from this host. The following list displays some of the possible function calls that might return this error value:

**bind** The network cannot be reached from this host.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4102E Network dropped connection on reset (ENETRESET)**

**Explanation:** The connection was dropped when the socket was reset.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the socket call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4103E Software caused connection abort (ECONNABORTED)**

**Explanation:** The application program caused the connection to abend.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use sock\_debug() to determine why the connection abended. For more information about tracing and debugging socket calls, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4104E Connection reset by peer (ECONNRESET)**

**Explanation:** If a stream socket is closed by the remote process while there is input data queued, the TCP connection is reset rather than being cleanly closed.

**System action:** The connection is reset.

**Operator response:** None.

**System programmer response:** The socket call is suspended.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4105E No buffer space available (ENOBUFS)**

**Explanation:** The specific meaning of this message depends on the call that triggers it. The following list displays some of the possible function calls that might return this error value:

<b>all</b>	No buffer space is available.
<b>accept</b>	Not enough buffer space is available to create the new socket.
<b>send sendto write</b>	Not enough buffer space is available to send the new message.
<b>takesocket</b>	There is a socket control block (SCB) or socket interface control block (SKCB) shortage in the TCPIP address space.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4106E Socket is already connected (EISCONN)**

**Explanation:** The socket specified by the socket descriptor, *s*, in the connect() call is already in use. The following list displays some of the possible function calls that might return this error value:

<b>Call</b>	<b>Explanation</b>
connect	The socket descriptor <i>s</i> is already connected.

**System action:** The socket call continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4107E Socket is not connected (ENOTCONN)**

**Explanation:** The socket specified by the descriptor, *d*, in the givesocket() call is not connected. The following list displays some of the possible function calls that might return this error value:

<b>getpeername</b>	The socket is not in the connected state.
<b>givesocket</b>	The socket is not connected.

**System action:** The call is unsuccessful.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4108E Can't send after socket shutdown (ESHUTDOWN)**

**Explanation:** A send() call cannot be carried out after a shutdown() call.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Rewrite the socket call so that the shutdown() follows the send(). The only call that can follow the shutdown() is the close() for the socket.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4109E Too many references: can't splice (ETOOMANYREFS)**

**Explanation:** A socket call had too many references. The splice could not be completed.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Rewrite the socket call to reduce the number of references.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4110E Connection timed out (ETIMEDOUT)**

**Explanation:** The connection time to live expired before the socket call was completed. The following list displays some of the possible function calls that might return this error value:

**connect**            The connection establishment timed out before a connection was made.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4111E Connection refused (ECONNREFUSED)**

**Explanation:** The connection request was rejected by the remote server. The following table displays some of the possible function calls that might return this error value:

**connect**            The connection request was rejected by the destination host.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

## EZY4112E • EZY4116E

---

### EZY4112E Too many levels of symbolic links (ELOOP)

**Explanation:** A pointer for a socket call parameter has too many levels of symbolic links for TCP to handle the call.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Redefine the pointer for the socket call parameter in such a way that it has fewer levels of symbolic links.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4113E File name too long (ENAMETOOLONG)

**Explanation:** The data set name pointed to by the socket call is too long to be handled by TCPIP. The maximum number of characters is 248.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the pointer for the socket call parameter so that the data set pointed to has a shorter name.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4114E Host is down (EHOSTDOWN)

**Explanation:** The host machine is down.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the call after the host restarts.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4115E Host is unreachable (EHOSTUNREACH)

**Explanation:** A connection to the host machine cannot be established.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Ensure that there is a network path to the specified host and that the host name is valid. If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces will provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4116E Directory not empty (ENOTEMPTY)

**Explanation:** The caller attempted to remove a directory that was not empty.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4117E Too many processes (EPROCLIM)**

**Explanation:** Too many processes are running on the system.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Rewrite the socket call so as to close some of the active processes. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4118E Too many users (EUSERS)**

**Explanation:** Too many users are on the system.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the socket call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4119E Disc quota exceeded (EDQUOT)**

**Explanation:** The client's disk quota on the server has been exceeded.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the len parameter of the write() call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4120E Stale NFS file handle (ESTALE)**

**Explanation:** The Network File System (NFS) is unable to mount the MVS data set because the file handle that points to the data set no longer exists, or access to it has been revoked. Under NFS, each data set is referenced by the client through a file handle, which is a 32-bit identifier field.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the MOUNT command to update the data set handle. For more information about NFS, see *MVS/DFP Version 3 Release 3 Customizing and Operating the Network File System Server*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

## EZY4121E • EZY4125E

---

### EZY4121E Too many levels of remote in path (EREMOTE)

**Explanation:** The address structure pointed to by the socket call has too many levels of remote qualifiers.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Modify the address or name parameter for the socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4122E Not a stream device (ENOSTR)

**Explanation:** A stream socket type was declared in the socket() call, but the remote device cannot transfer stream data.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the socket type to SOCK\_DGRAM in the socket() call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4123E Timer expired (ETIME)

**Explanation:** The timer for the socket call expired. The maximum interval to wait for completion was exceeded.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** If this message recurs, modify the timeout parameter of the select() call or change it to a NULL pointer. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4124E Out of stream resources (ENOSR)

**Explanation:** No stream sockets are available to service the socket call.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the client application.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4125E No message of desired type (ENOMSG)

**Explanation:** There is no message of the correct data type for the socket.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR



**Procedure Name:** tcperror

---

**EZY4126E Not a data message (EBADMSG)**

**Explanation:** The message is a system or network control message.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4127E Identifier removed (EIDRM)**

**Explanation:** The access identifier for the file or data set has been removed.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the mkpriv command to define the user privilege for the data set.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4128E Deadlock situation detected/avoided (EDEADLK)**

**Explanation:** A deadlock, the condition that occurs when multiple processes are waiting for the availability of a resource that will not become available because it is held by another process that is in a similar wait state, was detected.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. Review the trace output to determine why the deadlock occurred. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4129E No record locks available (ENOLCK)**

**Explanation:** The host system does not provide for the locking of data sets.

**System action:** The socket call continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4130E Machine is not on the network (ENONET)**

**Explanation:** The machine specified in the socket call is not on the host network.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

## EZY4131E • EZY4134E

**System programmer response:** Verify the address information in the socket call and modify as necessary.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4131E Object is remote (ERREMOTE)

**Explanation:** The data set or disk specified is not on the local network.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the address pointer in the socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4132E The link has been severed (ENOLINK)

**Explanation:** The physical connection linking the sockets has been broken at some point.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the socket call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4133E Advertise error (EADV)

**Explanation:** The path specified in the adv (advertise) or share command is incorrect, and the data set, file, or disk cannot be accessed.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Verify the correct resource name and pathname. Reinitiate the socket call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4134E srmount error (ESRMNT)

**Explanation:** An error occurred when the Network File System (NFS) server attempted to place the remote file system in the user's data set hierarchy.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the mount command (# mount) to mount the remote resource. When you mount a remote resource, it stays mounted only during the current session.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

---

**EZY4135E    Communication error on send (ECOMM)**

**Explanation:** A communication error has occurred on a send() call.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. Review the trace output to determine why the error occurred. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4136E    Protocol error (EPROTO)**

**Explanation:** A protocol error was detected for the socket call.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4137E    Multihop attempted (EMULTIHOP)**

**Explanation:** The socket call specified a multihop address link. That is, it specified a connection path that omitted some routing information.

**System action:** The socket call is bypassed.

**Operator response:** None.

**System programmer response:** Correct the address parameters for the socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4138E    Cross mount point (not an error) (EDOTDOT)**

**Explanation:** The file system is mounted from a remote machine.

**System action:** The socket call continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

## EZY4139E • EZY4196E

---

### EZY4139E Remote address changed (EREMCHG)

**Explanation:** The remote address specified in the socket call has changed.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Verify the remote address and correct the address parameters of the socket call.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4195E Arg list too long (E2BIG)

**Explanation:** The argument list for the call is too long.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the arguments to the call. Reinitiate the application.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

### EZY4196E Invalid argument (EINVAL)

**Explanation:** The argument specified to the socket call was not valid. The nature of the error depends on the particular call that triggers it. The following list displays some of the possible function calls that might return this error value:

Call	Explanation
accept	Listen was not called for this socket.
bind	The socket is already bound to an address.
connect	The specified name length is incorrect.
fcntl	Incorrect flags were specified.
givesocket	An incorrect client ID was entered.
ioctl	The request is incorrect or not supported.
select	One of the fields in the time-out structure is incorrect.
sendto	The target address length is incorrect for the specified address family.
shutdown	The shutdown condition is not 0, 1, or 2.
takesocket	The specified client ID is incorrect.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the above table as a guide for the possible conditions under which this error value can occur. Apply this to your application and, correct the parameters of the appropriate socket call. For more information, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

---

**EZY4197E** Bad file number (EBADF)

**Explanation:** An invalid argument to the socket call was specified. The nature of the error depends on the particular call that triggers it.

**System action:** The socket call fails. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the parameters of the appropriate socket call. See the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference* for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4198E** Last IUCV call (IUCV call) returned error number

**Explanation:** This message displays the error number returned from the IUCV call. It is usually followed by a message in the range of EZY3950X–EZY3978X that explains the IUCV error.

**System action:** The system action depends on the nature of the message that follows this one. For more information, see that specific message number.

**Operator response:** None.

**System programmer response:** The system action depends on the nature of the message that follows this one. For more information, see that specific message number.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4199E** Unknown errno value=*error number*

**Explanation:** The error number displayed is not recognized as one of the values used by TCPIP to report an error condition. For more information about system error codes, see *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4200E** CallTransform ConvType Error : *conversion\_type*

**Explanation:** The conversion type found does not match supported values (1–8). The supported values are:

Value	Conversion Type
1	SJISKANJI
2	JIS83KS
3	JIS78KJ
4	DECKANJI
5	EUCKANJI
6	KSC5601
7	HANGUEL
8	TCHINESE

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated.

## EZY4201E • EZY4204E

**Operator response:** Restart the session, specifying a valid conversion type.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** TnDbcsTm

---

### EZY4201E CallTransform Verb Error. Verb : Verb

**Explanation:** The verb specified in the configuration data set does not match the supported options. The supported options are: TERMINIT, CHEKTYPE, ASKTTYE, TTYHELLO, MAPTOASC, GRFTOMAP, MAPTOGRF, ASCTOMAP, BREAKKEY, TTLOGOFF, TTYGDBYE, SHUTDOWN, and SIMCHECK.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -4.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Correct the configuration data set to specify a proper verb from the list above. For more information on configuring the Telnet server, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TnDbcsTm

---

### EZY4202E CALLTRANSFORM Terminal Id Error. Id : Term\_Id

**Explanation:** The terminal ID was found to be outside expected range. It is either negative or greater than the maximum number of Telnet server connections. The return code is set to -5.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the terminal ID is properly specified. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TnDbcsTm

---

### EZY4203E TNDBCSTM - Telnet DBCS Transform Mode - ERRLOG DDname not found - TNDBCSEr.

**Explanation:** The Telnet server was unable to allocate ddname TNDBCSEr. This is where all error messages for TELNET 3270 DBCS transform are written.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -1.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Update the JCL or TCPIP procedure to include TNDBCSEr.

**Module:** TNDTRSVB

**Procedure Name:** Simcheck

---

### EZY4204E TNDBCSTM - Telnet DBCS Transform Mode - Config DDName not found - TNDBCSCN

**Explanation:** The Telnet server was unable to allocate ddname TNDBCSCN. This is the TELNET 3270 DBCS transform configuration data set.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -99.

**Operator response:** None.

**System programmer response:** Update the JCL or TCPIP procedure to include TNDBCSCN.

**Module:** TNDTRSVB

**Procedure Name:** Simcheck

---

**EZY4206I IBM TCP/IP TELNET SERVER DBCS SERVICE START AT** *time ON date*

**Explanation:** This message indicates the time and date at which the Telnet session started.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** TTYHELLO

---

**EZY4207E TTYHELLO CodeConversion error. rc : rc**

**Explanation:** An error was encountered in the Code Conversion routine used to convert message EZY4206I during a call to the procedure TTYHELLO. The return code in this message indicates the offset in the current input buffer at which the error occurred. This message is written to the error log.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -2.

**Operator response:** None.

**System programmer response:** Check the input data to determine why this error occurred.

**Module:** TNDTRSVB

**Procedure Name:** TTYHELLO

---

**EZY4208E TTYHELLO Terminal Id error. id : terminal\_id**

**Explanation:** This message is written to the error log. The terminal ID was found to be outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

**Operator response:** None.

**System programmer response:** Make sure that the terminal ID is properly specified. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TTYHELLO

---

**EZY4209E TTYHELLO portno empty.**

**Explanation:** This message is written to the error log. There is no free port number. The Telnet server exits.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -4.

**Operator response:** None.

**System programmer response:** Make sure that the TCPIP configuration data set contains a valid PORT statement for the Telnet server. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TTYHELLO

---

**EZY4210I KEY-IN YOUR TERMINAL TYPE & CONVERSION TYPE:**

**Explanation:** This message prompts the user to enter the terminal type being used and the conversion type wanted.

**System action:** Telnet continues.

**Operator response:** Enter your terminal type and conversion type.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** ASKTTYTYPE,CHEKTTYTYPE

---

**EZY4211E ASKTTYTYPE CodeConversion error. rc : rc**

**Explanation:** This message is written to the error log. A code conversion error occurred during a call to the procedure ASKTTYTYPE. The return code in this message displays the offset in the current input buffer at which the error occurred.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -2.

**Operator response:** None.

**System programmer response:** Check the input data to determine why this error occurred, and respond as indicated.

**Module:** TNDTRSVB

**Procedure Name:** ASKTTYTYPE

---

**EZY4212E ASKTTYTYPE portno not found. portno : port\_number**

**Explanation:** This message is written to the error log. A free port number was not found.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -1.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the TCPIP configuration data set contains a valid PORT statement for the Telnet server. For more information, refer to the *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** ASKTTYTYPE

---

**EZY4213E ASKTTYTYPE Terminal Id error. Id : terminal\_ID**

**Explanation:** This message is written to the error log. The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. Return code is set to -3.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** ASKTTYTYPE

---



---

**EZY4214E UNKNOWN TERMINAL TYPE.**

**Explanation:** The user specified an unsupported terminal type. The supported options are TTY, VT100, and VT282

**System action:** No Telnet session is established. TCPIP continues.

**Operator response:** Enter a valid terminal type.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** CHEKTYPE

---

**EZY4215E CHEKTYPE CodeConversion error. rc : rc**

**Explanation:** A code conversion error occurred during a call to the procedure CHEKTYPE. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -2.

**Operator response:** None.

**System programmer response:** Check the input data to determine why this error occurred.

**Module:** TNDTRSVB

**Procedure Name:** CHEKTYPE

---

**EZY4216E UNKNOWN CONVERSION TYPE.**

**Explanation:** The user entered an unsupported conversion type. Supported values are: SFJ, J8N J8O, DEC, EUC, KSH, HAN, and TCH.

**System action:** No Telnet session is established. TCPIP continues.

**Operator response:** Enter a valid conversion type.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** CHEKTYPE

---

**EZY4217E UNKNOWN TERMINAL & CONVERSION TYPE.**

**Explanation:** The user entered an unsupported terminal type and an unsupported conversion type. Supported Conversion types are SFJ, J8N J8O, DEC, EUC, KSH, HAN, and TCH. Supported Terminal types are TTY, VT100, or VT282.

**System action:** No Telnet session is established. Telnet continues.

**Operator response:** Enter a valid terminal type and valid conversion type.

**Module:** TNDTRSVB

**Procedure Name:** CHEKTYPE

---

**EZY4218E CHEKTYPE Terminal Id error. Id : terminal\_ID**

**Explanation:** The terminal ID was outside expected range. It is either negative or greater than the maximum number of Telnet server connections.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

## EZY4219E • EZY4223E

**Module:** TNDTRSVB

**Procedure Name:** CHEKTYPE

---

### EZY4219E TERMINIT data allocation error.

**Explanation:** A nonzero return code was received from the subroutine DtAlloc, which is used to allocate storage for Telnet data. An attempt was made to allocate a data buffer the size of SIMDATASIZE for conversion codes. The return code is set to -5.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -5.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that enough storage is available to Telnet to allocate this data set.

**Module:** TNDTRSVB

**Procedure Name:** TERMINIT

---

### EZY4220E TERMINIT address table error. data : *address\_table*

**Explanation:** The address table is expected to be 0 prior to allocation. This is not the case. Storage might not have been freed.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -6.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Flush the address table and restart Telnet.

**Module:** TNDTRSVB

**Procedure Name:** TERMINIT

---

### EZY4221E TERMINIT Terminal Id error. Id : *terminal\_ID*

**Explanation:** The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TERMINIT

---

### EZY4223E MAPTOGRF Terminal Id error. Id : *terminal\_ID*

**Explanation:** The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

**System action:** Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, refer to the *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** MAPTOGRF

---

EZY4225I   +++ MAPTOGRF +++

---

EZY4226E   **Abnormal data in TransfTermFlag**

**Explanation:** This message is written to the error log. The variable TransfTermFlag is not an expected value. The following are expected values: READPAT, READMODA, READMOD, READBUFF.

**System action:** TransfTermBufl is reset to zero. Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** MAPTOGRF

---

EZY4225I   +++ MAPTOGRF +++

---

EZY4227I   **TransfTermFlag** : *TransfTerm Flag*

---

EZY4228I   **Output Data Length** : *TransfTerm Buffer length*

---

EZY4229I   **Output Data Term Buffer**

**Explanation:** These messages are written to the error log. These messages display internal trace information.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** MAPTOGRF

---

EZY4230I   +++ GRFTOMAP +++ **RCV DATA LENGTH** = *length*

**Explanation:** The function GRFTOMAP, which is used to map conversion characters, is starting. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

EZY4231I   +++ GRFTOMAP +++ **RCV DATA TBUF**

**Explanation:** This message is displayed if the TRACE option is specified. This message displays trace information from the function GRFTOMAP, which is used to map conversion characters. Valid values are:

- EW, EWA--> Erase/Write order
- WRT--> Write order
- EAU--> Erase unprotected area
- RB--> Read Buffer
- RM--> Read modify
- RMA--> Read modify all
- WSF--> Write structured field

**System action:** Telnet continues.

## EZY4232I • EZY4235I

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4232I**    **EWorder EXEC LENGTH = *Dleng***

**Explanation:** This message occurs during processing of the ERASE/WRITE internal 3270 order. If *Dleng* is negative, sense code 08002 is set, indicating an ERASE/WRITE or ERASE/WRITE alternate command. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** Fix the user program and retry it.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4233I**    **WRTorder EXEC LENGTH = *Dleng***

**Explanation:** This message occurs during processing of the WRITE internal 3270 order. If *Dleng* is negative, sense code 08003 is set, indicating insufficient data in the WRITE command. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** Fix the user program and retry it.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4234I**    **EAUorder EXEC**

**Explanation:** This message occurs during processing of the ERASE internal 3270 order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4235I**    **RBorder EXEC**

**Explanation:** This message occurs during processing of the Read Buffer internal 3270 order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

---

**EZY4236I RMOorder EXEC**

**Explanation:** This message occurs during processing of the Read Modify internal 3270 order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4237I RMAorder EXEC**

**Explanation:** This message occurs during processing of the Read Modify All internal 3270 order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4238I WSFOorder EXEC LENGTH = *length***

**Explanation:** This message occurs during processing of the Write Structured Field internal 3270 order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4240E ++ GRFTOMAP ABNORMAL END !! ++ : SCode : NAddr *SenseCode, ComBuffer Buffer Address*  
*ComBuffer.DataBuffer ComBuffer.AttrBuffer***

**Explanation:** An error was encountered in the function GRFTOMAP, which is used to map conversion characters. The return code is set to -1.

**System action:** Telnet continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Use the sense code displayed in this message and the list of sense codes in the *z/OS Communications Server: IP User's Guide and Commands* to determine the cause of the error, and respond as indicated.

**Module:** TNDTRSVB

**Procedure Name:** GRFTOMAP

---

**EZY4242E TELNET SERVER ERROR. SENSE CODE : *SenseCode***

**Explanation:** An error has been found during processing. The associated Sense code is printed. A list of the sense codes can be found in the *z/OS Communications Server: IP User's Guide and Commands*.

**System action:** Telnet continues.

**Operator response:** Notify the system programmer of the error.

## EZY4243I • EZY4246E

**System programmer response:** Use the sense code displayed in this message and the list of sense codes in the *z/OS Communications Server: IP User's Guide and Commands* to determine the cause of the error and respond as indicated.

**Module:** TNDTRSVB

**Procedure Name:** TTYGDBYE

---

**EZY4243I IBM TCP/IP TELNET SERVER DBCS SERVICE END AT** *time ON date*

**Explanation:** This message displays the time and date at which the Telnet session ended.

**System action:** Telnet ends normally. TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTRSVB

**Procedure Name:** TTYGDBYE

---

**EZY4244E TTYGDBYE CodeConversion error. rc:** *rc*

**Explanation:** A code conversion error occurred during a call to the procedure TTYGDBYE. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

**System action:** Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to -2.

**Operator response:** None.

**System programmer response:** Check the input data to determine why the error occurred.

**Module:** TNDTRSVB

**Procedure Name:** TTYGDBYE

---

**EZY4245E TTYGDBYE portno not found. portno :** *port number*

**Explanation:** The indicated port number was not found.

**System action:** Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to -1.

**Operator response:** Reissue the TELNET command specifying a valid port number. For more information about the TELNET command, refer to the *z/OS Communications Server: IP User's Guide and Commands*.

**System programmer response:** If the error persists, make sure that the TCPIP configuration data set for the client contains a valid PORT statement for the Telnet server. For more information, refer to the *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TTYGDBYE

---

**EZY4246E TTYGDBYE Terminal Id error. id :** *terminal ID*

**Explanation:** The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

**System action:** Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to -3.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the terminal identifier is properly specified in the client's TCPIP configuration data set. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** TNDTRSVB

**Procedure Name:** TTYGDBYE

---

---

**EZY4300I** \*\*\*\*\* WRTorder DATA LENGTH = *length*

**Explanation:** This message displays the length of data being passed to the function WRTorder, which is used to write data to the terminal. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WRTorder

---

**EZY4301I** ##### SFsbuodr EXEC

**Explanation:** This message displays trace information indicating that the user is currently in the Start Field branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WRTorder

---

**EZY4302I** ##### SFsEsbuodr EXEC

**Explanation:** This message displays trace information indicating that the user is currently in the Start Field Extent branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WRTorder

---

**EZY4303I** ##### MFsbuodr EXEC

**Explanation:** The user is in the Modify Field branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WRTorder

---

**EZY4304I** ##### SBAsbuodr EXEC

**Explanation:** The user is in the Set Buffer Address branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

## EZY4305I • EZY4309I

Procedure Name: WRTorder

---

EZY4305I ##### ICsbuodr EXEC

**Explanation:** The user is in the Insert Cursor branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

Procedure Name: WRTorder

---

EZY4306I ##### PTsbuodr EXEC

**Explanation:** The user is in the Program Tab branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

Procedure Name: WRTorder

---

EZY4307I ##### RAsbuodr EXEC

**Explanation:** The user is in the Repeat Address branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

Procedure Name: WRTorder

---

EZY4308I ##### EUAsbuodr EXEC

**Explanation:** The user is in the Erase Unprotected to Address branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

Procedure Name: WRTorder

---

EZY4309I SA EXEC

**Explanation:** This message occurs during processing of the Set Attribute internal 3270 order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.



**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WRTorder

---

**EZY4310I WriteData EXEC LENGTH = *length***

**Explanation:** The user is in the Normal Character branch of a case statement. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WRTorder

---

**EZY4311I IDcnt = *ID count***

**Explanation:** This message displays the value of IDcount, a counter used in processing of the Write Structured Field order. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WSForder

---

**EZY4312I READ PARTITION**

**Explanation:** A Read Partition request is being processed. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WSForder

---

**EZY4313I ErsRstID EXEC *i = i***

**Explanation:** An Erase/Reset request is being processed. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WSForder

---

**EZY4314I SetRepID EXEC *i = i***

**Explanation:** The Telnet server is in set reply mode. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

## EZY4315I • EZY4318I

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WSForder

---

**EZY4315I    OutbDtlID EXEC i = i**

**Explanation:** This message indicates the amount of data being sent to a 3270-type terminal. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** WSForder

---

**EZY4316I    OutbDtlID ( WRTorder ) Exec Dataleng = Data length**

**Explanation:** This message indicates the amount of data being passed to the function WRTorder, which is used to write data to a terminal. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** OutBdtID

---

**EZY4317I    OutbDtlID ( EWorder ) Exec Dataleng = Data length**

**Explanation:** This message displays the amount of data being passed to the function EWorder. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** OutBdtID

---

**EZY4318I    OutbDtlID ( EAUorder ) EXEC**

**Explanation:** This message indicates the function EAUorder is being called. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** OutBdtID

---

---

**EZY4319I**    **WRTorder error found with data** *procedure\_name*

**Explanation:** The DBCS transform function found incorrect data in the data stream. The buffer containing the incorrect data could not be transformed.

In the message text:

*procedure\_name*

The name of the procedure where the incorrect data was found.

**System action:** The transform of this buffer stops. The DBCS transform function continues with the next buffer.

**Operator response:** Correct the error and retry the transform.

**System programmer response:** None.

**Module:** TND3270

**Procedure Name:** EWorder, OUTbDtID

---

**EZY4350I**    **+++ BuffShift (Buffer Shift) +++**

---

**EZY4351E**    **First Parameter is Out of Range**

**Explanation:** A request was made to shift data in a buffer, but the address passed is out of range. This message is written to the error log.

**System action:** No data is moved. Control is returned to the calling routine and processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** BUFFSHIFT

---

**EZY4350I**    **+++ BuffShift (Buffer Shift) +++**

---

**EZY4352I**    **Second Parameter is Out of Range**

**Explanation:** A request was made to shift data in a buffer, but the address passed is out of range. This message is written to the error log.

**System action:** No data is moved. Control is returned to the calling routine and processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** BUFFSHIFT

---

**EZY4350I**    **+++ BuffShift (Buffer Shift) +++**

---

**EZY4353I**    **Third Parameter is Out of Range**

**Explanation:** A request was made to shift data in a buffer, but the address passed is out of range.

**System action:** No data is moved. Control is returned to the calling routine and processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** BUFFSHIFT

---

## EZY4354W • EZY4360I

---

EZY4354W +++ OpenCodeTable : warning +++

---

EZY4356I ConType= *Con Type* ---> IBM \*

**Explanation:** Either no conversion type was specified or an incorrect conversion type was found. Valid options are: J7O, J7N, J8O, J8N, A7O, A7N, A8O, A8N, SFJ, DEC, EUC, IBM, KSH, HAN, and TCH. This message is written to the error log.

**System action:** The conversion type is set to IBM, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** OpenCodeTable

---

EZY4357W +++ CodeConversion : warning +++

---

EZY4358I ConDir= *Con Dir* ---> 0 \*

**Explanation:** An unexpected value was found for ConDir.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion

---

EZY4357W +++ CodeConversion : warning +++

---

EZY4359I InState= *InState* ---> 0 \*

**Explanation:** An unexpected value was found for InState.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion

---

EZY4357W +++ CodeConversion : warning +++

---

EZY4360I OutState= *OutState* ---> 0 \*

**Explanation:** An unexpected value was found for OutState.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion

---

---

EZY4357W +++ CodeConversion : warning +++

---

EZY4361I ConMode= *ConMode* ---> 0 \*

**Explanation:** An unexpected value was found for ConMode.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion

---

EZY4362W +++ CloseCodeTable : warning +++

---

EZY4356I ConType= *Con Type* ---> IBM \*

**Explanation:** Either no conversion type was specified or an incorrect conversion type was found. Valid options are: J7O, J7N, J8O, J8N, A7O, A7N, A8O, A8N, SFJ, DEC, EUC, IBM, KSH, HAN, and TCH.

**System action:** The conversion type is set to IBM, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CloseCodeTable

---

EZY4363I \*CCTCLOS\*

---

EZY4364I ists= *ists*

**Explanation:** This message displays trace information. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CloseCodeTable.

---

EZY4366E TNDBCSTM - Telnet DBCS Transform Mode - CodeFile DDName not found - *DD name*

**Explanation:** The Telnet server was unable to allocate ddname TNDBCSSL. This is the Telnet 3270 DBCS Transform data set containing binary translation table code files. This message is written to the error log.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** Update the JCL or TCPIP procedure to include TNDBCSTM.

**Module:** TNDMISCL

**Procedure Name:** RdCodeFiles

---

## EZY4380I • EZY4404I

---

EZY4380I   +++ ASCII TO MAP (ATMDEC) +++

---

EZY4381I   **Input Data Length** : *Terminal Buffer length*

---

EZY4382I   **Input Data** *Term Buffer*

**Explanation:** This message displays trace information about the TERMBUF buffer, which contains data mapping the terminal keys to hexadecimal characters. All of these key comparisons are declared as constants in the TNDCOMM macro. These messages are displayed if the TRACE option is specified.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDATMAP

**Procedure Name:** ATMDEC

---

EZY4400I   \*\*\*\*\* MAP to ASCII \*\*\*\*\*

---

EZY4401I   **TransfTermBuff** : **Set Data Length Over**

---

EZY4402E   **Error Position No. is** *sequence number*

---

EZY4403I   **Data Length is** *length*

**Explanation:** An error was found after calling the internal routine CheckBufI. The sequence number specified corresponds to the position in the routine where the failure occurred. These messages are written to the error log.

**System action:** Telnet ends normally. TCPIP continues.

**Operator response:** None.

**System programmer response:** Save all trace information for problem determination and contact the IBM Software Support Center.

**Module:** TNDMTASC

**Procedure Name:** SetERRlog

---

EZY4400I   \*\*\*\*\* MAP to ASCII \*\*\*\*\*

---

EZY4404I   **Kanji Code Conversion** : **rt = rc**

**Explanation:** An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred. These messages are written to the error log.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** Check the input data to determine why this error occurred. and respond as indicated.

**Module:** TNDMTASC

**Procedure Name:** CharConv

---

---

EZY4400I      \*\*\*\*\* MAP to ASCII \*\*\*\*\*

---

EZY4405I      **Alpha Code Conversion : rt = rc**

**Explanation:** An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred. These messages are written to the error log.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** Check the input data to determine why this error occurred.

**Module:** TNDMTASC

**Procedure Name:** CharConv

---

EZY4400I      \*\*\*\*\* MAP to ASCII \*\*\*\*\*

---

EZY4406E      **Compare Error Address : Cradr**

---

EZY4407I      **WritBuffer Data : Dump of DataBuffer**

---

EZY4408I      **AttrBuffer Data : Dump of AttrBuffer**

---

EZY4409I      **Disp.WritBuffer Data : Dump of DispBuffer.DataBuffer**

---

EZY4410I      **Disp.AttrBuffer Data : Dump of DispBuffer.Attrbuffer**

**Explanation:** These messages display trace information from the CodeConversion function. These messages are written to the error log.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMTASC

**Procedure Name:** DTCOMP

---

EZY4400I      \*\*\*\*\* MAP to ASCII \*\*\*\*\*

---

EZY4411I      **Alarm Code Conversion : rt = rc**

**Explanation:** An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

**System action:** Telnet continues.

**Operator response:** Notify the system programmer.

**System programmer response:** Check the input data to determine why this error occurred.

**Module:** TNDMTASC

**Procedure Name:** MTADEC

---

## EZY4400I • EZY4451E

---

EZY4400I   \*\*\*\*\* MAP to ASCII \*\*\*\*\*

---

EZY4412I   **Output Data Length** : *length*

---

EZY4413I   **Output Data** *dump of TermBuff*

**Explanation:** These messages display information about the contents of TermBuff, which is used to hold information mapping terminal keys to hexadecimal characters. These messages are written to the error log.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMTASC

**Procedure Name:** MTADEC

---

EZY4414I   **DataBuffer** *dump of DataBuffer*

---

EZY4415I   **AttrBuffer** *dump of AttrBuffer*

**Explanation:** Displayed is the value of the data and attribute buffers. These messages display during trace and are written to the error log.

**System action:** Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMTASC

**Procedure Name:** MTADEC

---

EZY4450I   +++ **CursorUp** +++

---

EZY4451E   **Cursor Address is Out of Range. Non Process End.**

**Explanation:** The placement of the cursor exceeded the supported buffer size of 1920. These messages are written to the error log.

**System action:** The process ends normally.

**Operator response:** None.

**System programmer response:** Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

**Module:** TNDTERM

**Procedure Name:** CursorUp

---

EZY4453I   +++ **CursorDown** +++

---

EZY4451E   **Cursor Address is Out of Range. Non Process End.**

**Explanation:** The placement of the cursor exceeded the supported buffer size of 1920. These messages are written to the error log.

**System action:** The process ends normally.

**Operator response:** None.



**System programmer response:** Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

**Module:** TNDTERM

**Procedure Name:** CursorDown

---

EZY4454I   +++ CursorLeft +++

---

EZY4451E   **Cursor Address is Out of Range. Non Process End.**

**Explanation:** The cursor placement exceeded the supported size of 1920 bytes. These messages are written to the error log.

**System action:** The process ends normally.

**Operator response:** None.

**System programmer response:** Make sure that the terminal type was properly specified and that the terminal is supported by Telnet.

**Module:** TNDTERM

**Procedure Name:** CursorLeft

---

EZY4455I   +++ CursorRight +++

---

EZY4451E   **Cursor Address is Out of Range. Non Process End.**

**Explanation:** The placement of the cursor exceeded the supported length of 1920.

**System action:** The process ends normally.

**Operator response:** None.

**System programmer response:** Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

**Module:** TNDTERM

**Procedure Name:** CursorRight

---

EZY4456E   +++ CursHome +++ **Home Position Address is Out of Range. Home Position is set to 0 for Next process.**

**Explanation:** The cursor is not found at the home position as expected. This message is written to the error log.

**System action:** The cursor is reset to 0 and processing continues.

**Operator response:** Reset the cursor position if necessary.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** CursHome

---

EZY4459E   +++ Reset Key +++

---

EZY4451E   **Cursor Address is Out of Range. Abnormal end.**

**Explanation:** The cursor was placed out of the supported range of 1920. This message is written to the error log.

**System action:** Processing continues, the return code is set to 1.

**Operator response:** Reposition the cursor within the accepted range of 0 to 1920.

**System programmer response:** None.

## EZY4461I • EZY4451E

Module: TNDTERM

Procedure Name: ResetKey

---

EZY4461I +++ FieldMark +++

---

EZY4451E Cursor Address is Out of Range.

**Explanation:** The cursor was placed beyond the supported range of 1920.

**System action:** Processing continues.

**Operator response:** Reposition the cursor within the accepted range of 0 to 1920.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: FieldMark

---

EZY4461I +++ FieldMark +++

---

EZY4463E Attribute Address is Out of Range.

**Explanation:** The given attribute address is out of the valid range.

**System action:** Control is returned to the calling routine and processing continues.

**Operator response:** Reenter the command specifying a valid attribute.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: FieldMark

---

EZY4461I +++ FieldMark +++

---

EZY4464I Formatted Buffer.

---

EZY4472E Attribute Undefined.

**Explanation:** The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

**System action:** Control is returned to the calling routine.

**Operator response:** Resubmit the last request specifying valid attributes. For more information, refer to the *z/OS Communications Server: IP User's Guide and Commands*.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: FieldMark

---

EZY4465I +++ FieldTab +++

---

EZY4451E Cursor Address is Out of Range. Address is set to 0 for normal end.

**Explanation:** The cursor was placed outside the valid range of 0 to 1920.

**System action:** The cursor address is set to 0 and processing continues.

**Operator response:** Reposition the cursor if necessary.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: FieldTab

EZY4468I   +++ FieldBackTab +++

EZY4451E   Cursor Address is Out of Range. Address is set to 0 for normal end.

**Explanation:** The cursor was placed outside the supported range of 0 to 1920.

**System action:** The cursor address is set to 0 and processing continues.

**Operator response:** Reposition the cursor if necessary.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: FieldBackTab

EZY4469I   +++ EraseEOF +++

EZY4451E   Cursor Address is Out of Range.

**Explanation:** The cursor was placed outside the supported range of 0 to 1920.

**System action:** Processing continues.

**Operator response:** Reposition the cursor if necessary.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: EraseEOF

EZY4469I   +++ EraseEOF +++

EZY4464I   Formatted Buffer.

EZY4463E   Attribute Address is Out of Range.

**Explanation:** The function SearchAttr, which is used to check conversion attributes, encountered an incorrect attribute.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request, specifying a valid attribute.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: EraseEOF

EZY4469I   +++ EraseEOF +++

EZY4464I   Formatted Buffer.

EZY4472E   Attribute Undefined.

**Explanation:** The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

**System action:** The request is not processed. Telnet continues.

## EZY4473I • EZY4478I

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** EraseEOF

---

EZY4473I    +++ EraseInput +++

---

EZY4464I    **Formatted Buffer.**

---

EZY4472E    **Attribute Undefined.**

**Explanation:** The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** EraseInput

---

EZY4474E    +++ AttPAKey +++ PA key ASCII Code Not found

**Explanation:** The PA key used is unsupported. Supported values are:

- PA1 (hex 6C for Ebcidic hex 31 for ASCII)
- PA2 (hex 6E for Ebcidic hex 32 for ASCII)
- PA3 (hex 6B for Ebcidic hex 33 for ASCII)

All other keys are ignored. The return code is set to 1.

**System action:** The system returns to caller and continues processing.

**Operator response:** Specify the correct PA key.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** AttPAKey

---

EZY4476I    +++ AttPFKey +++

---

EZY4477E    **PF key No. out of Range**

**Explanation:** The PF key used is unsupported. Supported values are PF1—PF24. The return code is set to 1.

**System action:** Control returns to the caller and processing continues.

**Operator response:** Specify a valid PF key.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** AttPFKey

---

EZY4478I    +++ NextCurs +++

---

---

**EZY4451E Cursor Address is Out of Range.**

**Explanation:** The cursor was placed outside the supported range of 0 to 1920.

**System action:** Processing continues.

**Operator response:** Reposition the cursor within the supported range.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** NextCurs

---

**EZY4478I +++ NextCurs +++**

---

**EZY4464I Formatted Buffer.**

---

**EZY4472E Attribute Undefined.**

**Explanation:** The internal subroutine SearchAddr, which is used to check conversion attributes, encountered an undefined attribute.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** NextCurs

---

**EZY4479I +++ Master Reset +++**

---

**EZY4451E Cursor Address is Out of Range. Non Process End.**

**Explanation:** The cursor was placed outside the supported range of 0 to 1920.

**System action:** Control is returned to the calling routine.

**Operator response:** Reposition the cursor within the supported range.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** MstReset

---

**EZY4480I +++ Dupric +++**

---

**EZY4451E Cursor Address is Out of Range.**

**Explanation:** The cursor was placed outside of the supported range of 0 to 1920.

**System action:** Control is returned to the calling routine.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** DUPRIC

---

## EZY4480I • EZY4451E

---

EZY4480I   +++ Dupric +++

---

EZY4464I   Formatted Buffer.

---

EZY4463E   Attribute Address is Out of Range.

**Explanation:** The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an attribute that was out of range.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** DUPRIC

---

EZY4480I   +++ Dupric +++

---

EZY4464I   Formatted Buffer.

---

EZY4472E   Attribute Undefined.

**Explanation:** The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** DUPRIC

---

EZY4481I   +++ CrgReturn +++

---

EZY4451E   Cursor Address is Out of Range.

**Explanation:** The cursor was placed outside the supported range of 0 to 1920. The return code is set to 1.

**System action:** Control is returned to the calling routine.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDTERM

**Procedure Name:** CrgReturn

---

EZY4482I   +++ NormalChar (Input) +++

---

EZY4451E   Cursor Address is Out of Range.

**Explanation:** The cursor was placed outside the supported range of 0 to 1920.

**System action:** Control returns to the calling routine.

**Operator response:** Reposition the cursor within the supported range.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: NormalChar

EZY4482I   +++ NormalChar (Input) +++

EZY4464I   Formatted Buffer.

EZY4463E   Attribute Address is Out of Range.

**Explanation:** The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an out of range attribute.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: NormalChar

EZY4482I   +++ NormalChar (Input) +++

EZY4464I   Formatted Buffer.

EZY4472E   Attribute Undefined.

**Explanation:** The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

**System action:** The request is not processed. Telnet continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: NormalChar

EZY4483I   +++ Delete1C +++

EZY4451E   Cursor Address is Out of Range.

**Explanation:** The cursor was placed outside the supported range of 0 to 1920.

**System action:** Control is returned to the calling routine.

**Operator response:** Reposition the cursor within the valid range.

**System programmer response:** None.

Module: TNDTERM

Procedure Name: Delete1C

EZY4483I   +++ Delete1C +++





DEC - DECKANJI  
HAN - HANGEUL  
KSC - KSC5601  
TCH - TCHINESE

*yyyyy* The command(s) being processed. There might be multiple commands strung together all separated by a hyphen (-) An example of this would be

NULL-ESC-CRTLK

*nnnnnn* The reason.

Possible reasons and actions are:

**Reason Action**

**ATMDEC-CtrlA INPUT INHIBITED**

The keyboard is locked. Reset the keyboard.

**ATMDEC-NULL INVALID COMMAND RECEIVED**

The previous command was not valid. Retry.

**ATMDEC *x***

The command/data was either not valid or out of sequence.

**System action:** TCPIP continues.

**Operator response:** Resubmit the request specifying valid attributes.

**System programmer response:** From the trace message try to determine the cause of the error, if unable, then contact the IBM Software Support Center.

**Module:** TNDTERM TNDATMAP

**Procedure Name:** various



---

## Chapter 6. EZY5xxxx messages

---

**EZY5398E** REQUEST TO START TCP/IP VIA MVPMAIN IS REJECTED.

**Explanation:** Program MVPMAIN was invoked with MODULE=TCPIP specified on the PARM= parameter of the JCL EXEC statement. The TCP/IP address space can no longer be started using program MVPMAIN.

**System action:** The task initialization function is terminated.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** See sample procedure TCPIPROC in the SEZAINST data set for the correct program name to be used for starting the TCP/IP address space.

**Module:** MVPMAIN

**Procedure Name:** Mainline code



---

## Chapter 7. EZY6xxxx messages

---

### **EZY6001I    EZAZSSI Already Active, Start Rejected**

**Explanation:** EZAZSSI is already active, attempting to start TNF and/or VMCF.

**System action:** This duplicate copy of EZAZSSI ends.

**Operator response:** Either wait for VMCF and/or TNF to start, cancel then restart EZAZSSI, or ignore the message.

**System programmer response:** None.

**Module:** EZAZSSI

---

### **EZY6002I    TNF Already Active**

**Explanation:** TNF is already active, therefore it is not started.

**System action:** Start VMCF if needed, then EZAZSSI ends.

**Operator response:** Either end TNF and restart, or ignore the message.

**System programmer response:** None.

**Module:** EZAZSSI

---

### **EZY6003I    VMCF Already Active**

**Explanation:** VMCF is already active, therefore it is not started.

**System action:** EZAZSSI ends.

**Operator response:** Either end VMCF and restart, or ignore the message.

**System programmer response:** None.

**Module:** EZAZSSI

---

### **EZY6004I    No Action Taken**

**Explanation:** VMCF and TNF are both running; there is nothing to start.

**System action:** TNF/VMCF continue, EZAZSSI ends.

**Operator response:** Either stop VMCF and/or TNF then restart EZAZSSI, or ignore the message.

**System programmer response:** None.

**Module:** EZAZSSI

---

### **EZY6005I    Invalid Start Sequence in Progress**

**Explanation:** VMCF is up and running and TNF is down.

**System action:** VMCF continues, EZAZSSI ends.

**Operator response:** Stop VMCF and then restart EZAZSSI.

**System programmer response:** None.

**Module:** EZAZSSI

---

## EZY6006E • EZY6011I

---

### EZY6006E Subsystem name in IEFSSNxx is not VMCF

**Explanation:** There is no VMCF entry in IEFSSNxx.

**System action:** EZAZSSI ends.

**Operator response:** None.

**System programmer response:** Add VMCF entries to IEFSSNxx and re-IPL.

**Module:** EZAZSSI

---

### EZY6007E VMCF Nodename must be specified

**Explanation:** VMCF requires that a nodename be specified at least once per IPL.

**System action:** EZAZSSI ends.

**Operator response:** Specify a nodename when starting EZAZSSI. Refer to the *z/OS Communications Server: IP Diagnosis Guide* for more information.

**System programmer response:** None.

**Module:** EZAZSSI

---

### EZY6008I VMCF Start Initiated

**Explanation:** A VMCF address space start was issued.

**System action:** EZAZSSI continues; start of VMCF expected.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAZSSI

---

### EZY6009E Refused to create VMCF address space

**Explanation:** The VMCF address space start from IEEMB881 failed.

**System action:** EZAZSSI ends.

**Operator response:** None.

**System programmer response:** Check to see that the data sets containing the respective load modules are cataloged and available.

**Module:** EZAZSSI

---

### EZY6010E VMCF Not Initialized, Processing Continues

**Explanation:** The VMCF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.

**System action:** EZAZSSI ends.

**Operator response:** Determine why VMCF did not start and restart EZAZSSI.

**System programmer response:** None.

**Module:** EZAZSSI

---

### EZY6011I VMCF Initialization Complete

**Explanation:** VMCF is active and available. VMCF applications can be started.

**System action:** VMCF continues, EZAZSSI ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAZSSI

---

**EZY6012E Error creating PC numbers, is LPA correct?**

**Explanation:** PC numbers could not be created.

**System action:** TNF/VMCF ends, EZAZSSI ends.

**Operator response:** None.

**System programmer response:** This is probably an installation error. Check the LPA data sets.

**Module:** EZAZSSI

---

**EZY6013E VMCF ended: Error in initialization**

**Explanation:** An error was encountered in initialization. See the messages that usually accompany this message for an indication of the actual problem.

**System action:** VMCF ends.

**Operator response:** Dependent on accompanying messages.

**System programmer response:** Dependent on accompanying messages.

**Module:** EZAZSSI

---

**EZY6014E Subsystem name in IEFSSNxx is not TNF**

**Explanation:** There is no TNF entry in IEFSSNxx.

**System action:** EZAZSSI ends.

**Operator response:** None.

**System programmer response:** Add TNF entry to IEFSSNxx and re-IPL.

**Module:** EZAZSSI

---

**EZY6015I TNF Start Initiated**

**Explanation:** A TNF address space start was issued.

**System action:** EZAZSSI continues; start of TNF expected.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAZSSI

---

**EZY6016E Refused to create TNF address space**

**Explanation:** The TNF address space start from IEEMB881 failed.

**System action:** EZAZSSI ends.

**Operator response:** None.

**System programmer response:** Check to see that the data sets containing the respective load modules are cataloged and available.

**Module:** EZAZSSI

---

## EZY6017E • EZY6021I

---

### EZY6017E TNF Not Initialized, Processing Continues

**Explanation:** The TNF address space start-up timed out. See the messages that accompany this message for an indication of the actual problem.

**System action:** EZAZSSI ends.

**Operator response:** Determine why TNF did not start and restart EZAZSSI.

**System programmer response:** None.

**Module:** EZAZSSI

---

### EZY6018I TNF Initialization Complete

**Explanation:** TNF is active and available. TNF applications can be started.

**System action:** EZAZSSI will attempt to start VMCF.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAZSSI

---

### EZY6019E TNF ended: MVPTTRML Resource Manager Not Established

**Explanation:** A problem exists in the RESMGR interface.

**System action:** TNF ends, EZAZSSI ends.

**Operator response:** None.

**System programmer response:** This is probably an installation error. This message can be issued if resource manager load module MVPTTRML is not found in LPA. Ensure that the TCP/IP LPA load library SEZALPA is defined in one of the LPALSTxx members of SYS1.PARMLIB.

**Module:** EZAZSSI

---

### EZY6020I TNF not started correctly

**Explanation:** TNF was started by a method other than EZAZSSI or EZAZSSI timed out because it took too long to start TNF.

**System action:** TNF ends.

**Operator response:** Use EZAZSSI to start TNF.

**System programmer response:** None.

**Module:** MVPTNF

---

### EZY6021I TNF Stop Rejected - Active Users Exist

**Explanation:** Active users still exist for TNF; the stop is ignored.

**System action:** TNF continues.

**Operator response:** Either end the user address spaces or use the **F TNF,REMOVE...** command to remove the users from the table.

**System programmer response:** None.

**Module:** MVPTNF

---



---

**EZY6022I TNF Stop Accepted**

**Explanation:** The TNF STOP command was accepted.

**System action:** TNF stops.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6023I TNF Modify Display Accepted**

**Explanation:** The Modify Display command for TNF was accepted.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6024I TNF Modify Remove Accepted**

**Explanation:** The Modify Remove command for TNF was accepted.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** This is probably an installation error. This message can be issued if resource manager load module MVPTRML is not found in LPA. Ensure that the TCP/IP LPA load library SEZALPA is defined in one of the LPA1STxx members of SYS1.PARMLIB.

**Module:** MVPTNF

---

**EZY6025I TNF Modify Command Not Recognized**

**Explanation:** The Modify command for TNF was not understood.

**System action:** TNF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6026I TNF Start Accepted**

**Explanation:** The TNF Start command was accepted.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6027I TNF Command Not Recognized**

**Explanation:** The command entered for TNF was not understood.

**System action:** TNF continues.

**Operator response:** For information on TNF commands, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

## EZY6028I • EZY6032I

**System programmer response:** None.

**Module:** MVPTNF

---

### EZY6028I TNF REMOVE not valid

**Explanation:** The Modify remove command for TNF was not understood.

**System action:** TNF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPTNF

---

### EZY6029I TNF REMOVEXXXXXX not valid

**Explanation:** The Modify remove command for TNF was not understood.

**System action:** TNF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPTNF

---

### EZY6030I TNF All Users Removed

**Explanation:** The Modify remove,name=\* was executed successfully.

**System action:** TNF continues.

**Operator response:** TNF can be ended now.

**System programmer response:** None.

**Module:** MVPTNF

---

### EZY6031I TNF User *userid* Not Found

**Explanation:** The Modify remove/display,name=*userid* was not found in the table.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

### EZY6032I TNF User *userid* Removed

**Explanation:** The Modify remove,name=*userid* was found and removed.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

---

**EZY6033I TNF DISPLAY not valid**

**Explanation:** The Modify display command for TNF was not understood.

**System action:** TNF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6034I TNF DISPLAYXXXXXX not valid**

**Explanation:** The Modify display command for TNF was not understood.

**System action:** TNF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6035I TNF User userid Not Found**

**Explanation:** The Modify remove,name=*userid* for TNF was not found in the table.

**System action:** TNF continues.

**Operator response:** Do a modify display to see if the user still exists.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6036I TNF Active ASIDs**

**Explanation:** This message is issued in response to the Modify display command. It is displayed when users exist.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6037I Name ASID**

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6038I *userid asid***

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

---

## **EZY6039I • EZY6044E**

**Module:** MVPTNF

---

**EZY6039I End**

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6040I No TNF users exist**

**Explanation:** This message is issued in response to the Modify command. It is displayed when no users exist.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6041I TNF Modify Accepted**

**Explanation:** The Modify command for TNF was accepted.

**System action:** TNF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6042E TNF ended: MVPTTRML Resource Manager Not Established**

**Explanation:** A problem exists in the RESMGR interface.

**System action:** TNF ends.

**Operator response:** None.

**System programmer response:** This is probably an installation error.

**Module:** MVPTSSI

---

**EZY6043I TNF Start Initiated**

**Explanation:** A TNF address space start was issued.

**System action:** EZAZSSI continues; start of TNF expected.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPTSSI

---

**EZY6044E Refused to create TNF address space**

**Explanation:** The address space start from IEEMB881 failed.

**System action:** IPL Continues.

**Operator response:** None.

**System programmer response:** Check to see that the data sets containing the respective load modules are cataloged and available.

**Module:** MVPTSSI

---

**EZY6045E TNF Not Initialized, Processing Continues**

**Explanation:** The TNF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.

**System action:** IPL continues.

**Operator response:** None.

**System programmer response:** Correct the reason TNF did not start, and use EZAZSSI to restart TNF/VMCF.

**Module:** MVPTSSI

---

**EZY6046I TNF Initialization Complete**

**Explanation:** TNF is active and available.

**System action:** TNF continues, IPL continues.

**Operator response:** TNF applications can be started.

**System programmer response:** None.

**Module:** MVPTSSI

---

**EZY6047E Subsystem name in IEFSSNxx is not TNF**

**Explanation:** There is not a TNF entry in IEFSSNxx.

**System action:** TNF ends.

**Operator response:** None.

**System programmer response:** Add TNF entry to IEFSSNxx and re-IPL.

**Module:** MVPTSSI

---

**EZY6048E VMCF ended: Node ID not specified in IEFSSNxx VMCF**

**Explanation:** A nodename must be specified in the IEFSSNxx member for VMCF when using the migration implementation of restartable VMCF.

**System action:** IPL continues.

**Operator response:** Start EZAZSSI with a nodename after IPL completes.

**System programmer response:** For future IPLs add a nodename to the IEFSSNxx member.

**Module:** MVPXSSI

---

**EZY6049I VMCF Start Initiated**

**Explanation:** A VMCF address space start was issued.

**System action:** Start of VMCF expected.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXSSI

---

## EZY6050E • EZY6055E

---

### EZY6050E Refused to create VMCF address space

**Explanation:** The address space start from IEEMB881 failed.

**System action:** IPL continues.

**Operator response:** Start EZAZSSI when the reason for the failure is corrected.

**System programmer response:** Check to see that the data sets containing the respective load modules are cataloged and available.

**Module:** MVPXSSI

---

### EZY6051E VMCF Not Initialized, Processing Continues

**Explanation:** The VMCF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.

**System action:** IPL continues.

**Operator response:** Determine why VMCF did not start and start EZAZSSI when the IPL completes.

**System programmer response:** None.

**Module:** MVPXSSI

---

### EZY6052I VMCF Initialization Complete

**Explanation:** VMCF is active and available.

**System action:** VMCF continues.

**Operator response:** VMCF applications can be started.

**System programmer response:** None.

**Module:** MVPXSSI

---

### EZY6053E Error creating PC numbers, is LPA correct?

**Explanation:** PC numbers could not be created.

**System action:** VMCF ends.

**Operator response:** None.

**System programmer response:** This is probably an installation error. Check the LPA data sets.

**Module:** MVPXSSI

---

### EZY6054E VMCF ended: Error in initialization

**Explanation:** An error was encountered in initialization. See the messages that usually accompany this message for an indication of the actual problem.

**System action:** VMCF ends.

**Operator response:** Dependent on accompanying messages.

**System programmer response:** Dependent on accompanying messages.

**Module:** MVPXSSI

---

### EZY6055E Subsystem name in IEFSSNxx is not VMCF

**Explanation:** There is not a VMCF entry in IEFSSNxx.

**System action:** IPL Continues.

**Operator response:** None.

**System programmer response:** Add VMCF entries to IEFSSNxx and re-IPL.

**Module:** MVPXSSI

---

**EZY6056I VMCF not started correctly**

**Explanation:** TNF was started by a method other than EZAZSSI or EZAZSSI timed out because it took too long to start VMCF.

**System action:** VMCF ends.

**Operator response:** Use EZAZSSI to start TNF.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6057I VMCF Stop Accepted**

**Explanation:** The VMCF command was accepted.

**System action:** VMCF stops.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6058I VMCF Modify Accepted**

**Explanation:** The Modify command for VMCF was accepted.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6059I VMCF Modify Display Accepted**

**Explanation:** The Modify display command for VMCF was accepted.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6060I VMCF Modify Remove Accepted**

**Explanation:** The Modify Remove command for VMCF was accepted.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6061I VMCF Start Accepted**

**Explanation:** The VMCF Start command was accepted.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6062I VMCF Command Not Recognized**

**Explanation:** The command entered for VMCF was not understood.

**System action:** VMCF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6063I VMCF Modify Command Not Recognized**

**Explanation:** The Modify command for VMCF was not understood.

**System action:** VMCF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6064I VMCF Stop Rejected - Active Users Exist**

**Explanation:** Active users still exist for VMCF; the stop is ignored.

**System action:** VMCF continues.

**Operator response:** Either terminate the user address spaces or use the **F TNE,REMOVE...** command to remove the users from the table.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6065I VMCF REMOVE not valid**

**Explanation:** The Modify remove command was not understood.

**System action:** VMCF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6066I VMCF REMOVEXXXXXX not valid**

**Explanation:** The Modify remove command was not understood.

**System action:** VMCF continues.



**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6067I VMCF All Users Removed**

**Explanation:** The Modify remove,name=\* was executed successfully.

**System action:** VMCF continues.

**Operator response:** VMCF can be stopped now.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6068I VMCF User userid Not Found**

**Explanation:** The Modify remove,name=userid was not found in the table.

**System action:** VMCF continues.

**Operator response:** Do a modify display to see if the user still exists.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6069I VMCF User userid Removed**

**Explanation:** The Modify remove,name=userid was found and removed.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6070I VMCF DISPLAY Invalid**

**Explanation:** The Modify display command was not understood.

**System action:** VMCF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPXVI

---

**EZY6071I VMCF DISPLAYXXXXXX not valid**

**Explanation:** The Modify display command was not understood.

**System action:** VMCF continues.

**Operator response:** For information on the Modify command, refer to the *z/OS Communications Server: IP Diagnosis Guide*.

**System programmer response:** None.

**Module:** MVPXVI

---

## EZY6072I • EZY6077I

---

### EZY6072I VMCF User *userid* Not Found

**Explanation:** The Modify remove/display,name=*userid* was not found in the table.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

### EZY6073I VMCF Active ASIDs

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

### EZY6074I Name ASID

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

### EZY6075I *userid asid*

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

### EZY6076I End

**Explanation:** This message is issued in response to the Modify command. It is displayed when users exist.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

### EZY6077I No VMCF users exist

**Explanation:** This message is issued in response to the Modify command. It is displayed when no users exist.

**System action:** VMCF continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

---

---

**EZY6101I** *fsswtr\_id* **FSS=fss\_addr, FSA=fsa\_addr, FSD=fsd\_addr, FSJ=fsj\_addr**

**Explanation:** This message is issued in conjunction with message EZY6102I at FSS startup time. Listed for the FSS specified in *fsswtr\_id* are the addresses of the FSS, FSA, FSD and FSJ modules.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6102I** *fsswtr\_id* **FSID=fsid, ASID=asid, SUB=subsystem\_id, OUT=routeede**

**Explanation:** This message is issued in conjunction with message EZY6101I at FSS startup time. Listed for the FSS specified in *fsswtr\_id* are the FSID, ASID, Subsystem ID, and Route Code values.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6110I** *fsswtr\_id* **OPTS: option\_1,option\_2,...**

**Explanation:** This message is issued at FSS startup time. Multiple occurrences of the message are issued to list all FSS startup options in effect.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6111I** *fsswtr\_id* **STATS: statistic\_1,statistic\_2...**

**Explanation:** This message is issued when the FSS is modified. Multiple occurrences of the message are issued to list some statistics that might be useful for problem analysis.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6112I** *fsswtr\_id* **FSS ENTERING WAIT**

**Explanation:** The FSS named in the message has entered a wait state.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6113I** *fsswtr\_id* **FSS POSTED BY FSA TASK**

**Explanation:** The FSS named in the message has been posted by an FSA.

**System action:** Processing continues.

**Operator response:** None.

## EZY6114I • EZY6119I

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6114I** *fsswtr\_id* **FSS POSTED BY JES**

**Explanation:** The FSS named in the message has been posted by JES.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6115I** *fsswtr\_id* **FSS POSTED BY JES, ORDID=fss\_order\_id**

**Explanation:** The FSS named in the message has been posted by JES, with the ORDER identified in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6116I** *fsswtr\_id* **FSS POSTED BY COMMAND**

**Explanation:** The FSS named in the message has been posted by an MVS operator console command.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6117I** *fsswtr\_id* **START-FSS CONNECT FSIREQ SUCCESSFUL**

**Explanation:** The FSS-CONNECT request was successful for the FSS named in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6118I** *fsswtr\_id* **STOP-FSS DISCONNECT FSIREQ SUCCESSFUL**

**Explanation:** The FSS-DISCONNECT request was successful for the FSS named in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6119I** *fsswtr\_id* **START-FSA ATTACH SUCCESSFUL, FSID=fss\_id**

**Explanation:** An FSA was successfully attached to the FSS named in the message. The FSS ID is also displayed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6120I** *fsswtr\_id* **STOP-FSA DETACH SUCCESSFUL, FSID=*fss\_id***

**Explanation:** An FSA was successfully detached from the FSS named in the message. The FSS ID is also displayed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6121I** *fsswtr\_id* **FSS-AMODE/JES-AMODE/RESOLVED-CB-RMODE=*fss\_amodeljes\_amodelcb\_rmode***

**Explanation:** The control block RMODE that the FSS and FSA tasks will use (for the FSS named in the message) has been determined from the early FSS AMODE option setting. The RMODE setting will be permanent.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6122I** *fsswtr\_id* **INIT FUNCTION DONE**

**Explanation:** The initialization functions have been successfully completed for the FSS named in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6131E** *fsswtr\_id* **START-FSS START TOKEN INVALID: *mgcr\_token\_addr***

**Explanation:** The MGCR token address is invalid. The FSS cannot be started.

**System action:** Processing ends.

**Operator response:** The FSS cannot be explicitly started by the operator or run as a batch job. The FSS is started by JES.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6132E** *fsswtr\_id* **START-FSS ERROR, NO START CIB FOUND**

**Explanation:** No START-verb CIB was found from the CSCB. This is an internal configuration error.

**System action:** Processing ends.

**Operator response:** Notify Systems Programming.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

## EZY6133E • EZY6138E

---

**EZY6133E** *fsswtr\_id* **START-FSS START CMD INVALID, SUBSYS=***subsystem\_name*

**Explanation:** An error was encountered in the FSS START PARM. The subsystem name is invalid. This is an internal configuration error.

**System action:** Processing ends.

**Operator response:** Notify Systems Programming.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6134E** *fsswtr\_id* **START-FSS START CMD INVALID, FSID=***fss\_id*

**Explanation:** An error was encountered in the FSS START PARM. The functional subsystem is invalid. This is an internal configuration error.

**System action:** Processing ends.

**Operator response:** Notify Systems Programming.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6135E** *fsswtr\_id* **START-FSS START CMD INVALID, ROUTCDE=***route\_code*

**Explanation:** An error was encountered in the FSS START PARM. The FSS-level message route code is invalid. This is an internal configuration error.

**System action:** Processing ends.

**Operator response:** Notify Systems Programming.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6136E** *fsswtr\_id* **START-FSS PARMLIB DD OPEN FAILED**

**Explanation:** The data set defined by the PARMLIB DD JCL statement is known to exist but could not be opened.

**System action:** Processing ends.

**Operator response:** Determine why the data set cannot be opened.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6137E** *fsswtr\_id* **LOAD OF EZAPPF5CM FAILED**

**Explanation:** The NPF file-create module could not be loaded.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Determine why LOAD failed for EZAPPF5CM.

**Module:** EZAPPF5

---

**EZY6138E** *fsswtr\_id* **INIT CALL FAILED IN FCM, RC=***return\_code*

**Explanation:** The INIT function failed within the NPF file-create module.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6139E** *fsswtr\_id* **START-FSS CONNECT FSIREQ FAILED, SSOBRETN=*fsi\_return\_code***

**Explanation:** The FSS\_CONNECT FSIREQ call failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6140E** *fsswtr\_id* **START-FSS CONNECT FSIREQ FAILED, R15=*ssreq\_return\_code***

**Explanation:** The FSS\_CONNECT FSIREQ call failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6141E** *fsswtr\_id* **STOP-FSS REFUSED, FSAS STILL UP**

**Explanation:** The FSS cannot SHUTDOWN while active FSAs are still present. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6142E** *fsswtr\_id* **STOP-FSS DISCONNECT FSIREQ FAILED, SSOBRETN=*fsi\_error\_return\_code***

**Explanation:** The FSS did not DISCONNECT successfully. The return code from FSIREQ is listed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6143E** *fsswtr\_id* **STOP-FSS DISCONNECT FSIREQ FAILED, R15=*register\_15***

**Explanation:** The FSS did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

## EZY6144E • EZY6149E

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### EZY6144E *fsswtr\_id* STOP-FSS ABNORMAL DISCONNECT REQUESTED

**Explanation:** The FSS did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

### EZY6145E *fsswtr\_id* START-FSA-SDTE GETMAIN FAILED

**Explanation:** GETMAIN was called for the FSA Daughter Task Element control block. The call failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPF5

---

### EZY6146E *fsswtr\_id* START-FSA ECBLIST GETMAIN FAILED

**Explanation:** GETMAIN was called for the ECB list data area.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPF5

---

### EZY6147E *fsswtr\_id* START-FSA EP IDENTITY FAILED, R15=*identify\_return\_code*

**Explanation:** The entry point for the FSA could not be identified. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

### EZY6148E *fsswtr\_id* START-FSA SUBTASK ATTACH FAILED, R15=*attach\_return\_code*

**Explanation:** The FSA ATTACH failed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

### EZY6149E *fsswtr\_id* START-FSA ORDER REFUSED - *sdte\_fsid* UP

**Explanation:** The FSA-START ORDER was refused. The FSA is already started. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.



**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6150E** *fsswtr\_id* **STOP-FSA SUBTASK DETACH FAILED, R15=detach\_return\_code**

**Explanation:** The FSA DETACH failed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6151E** *fsswtr\_id* **STOP-FSA ORDER REFUSED - fsid NOT UP**

**Explanation:** The FSA STOP order was processed, but the FSID could not be found. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6152E** *fsswtr\_id* **UNSUPPORTED FSS ORDER, ORDID=fss\_order\_id**

**Explanation:** The FSS order could not be recognized or is invalid. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPF5

---

**EZY6160W** *fsswtr\_id* **STOP (P) COMMANDS ARE NOT SUPPORTED AT THIS TIME**

**Explanation:** The FSS cannot be stopped via the command input buffer (P *fsswtr\_id*) in the current product release.

**System action:** Processing continues.

**Operator response:** If you wish to terminate the FSS, you must drain or stop the printer via the appropriate JES command.

**System programmer response:** None.

**Module:** EZAPPF5

---

**EZY6161W** *fsswtr\_id* **UNRECOGNIZED COMMAND RECEIVED. REFUSED**

**Explanation:** The command received from the console command input buffer is not recognized as a valid command.

**System action:** Processing continues.

**Operator response:** Re-enter the command.

**System programmer response:** None.

**Module:** EZAPPF5

---

## EZY6162W • EZY6175I

---

**EZY6162W** *fsswtr\_id* **INVALID FSS OPTION NEAR:** *invalid\_data*

**Explanation:** The option input is invalid.

**System action:** Processing continues.

**Operator response:** Re-input the option.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6163W** *fsswtr\_id* **JES ASSUMING AMODE=31, AMODE=24 NOW INVALID**

**Explanation:** The AMODE affecting existing tasks has been set to "31", and AMODE=24 cannot be used.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6164W** *fsswtr\_id* **FSA TASK TERMINATED, FSID=*fss\_id***

**Explanation:** The FSS has received notification that the FSA with the FSID displayed in the message text has ended.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6165W** *fsswtr\_id* **FSA PRE-CONNECT FAILURE RESPONSE FSI-SENT, FSID=*fss\_id***

**Explanation:** The FSS has sent notification via FSI SEND that the START FSA ORDER has failed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6166W** *fsswtr\_id* **UNABLE TO GET FSIP AREA ABOVE 16MEG**

**Explanation:** The FSS was unable to GETMAIN the needed storage area above the 16MB line.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFS

---

**EZY6175I** *fsswtr\_id printer\_id* **FSA FSID=*fsid*, UCB=*ucb\_name*, AMODE=*addr\_mode***

**Explanation:** This message is issued at FSA startup time. Listed for the FSA specified in *printer\_id* for the FSS specified in *fsswtr\_id* are the FSID, UCB, and AMODE.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6176I** *fsswtr\_id printer\_id GDS job\_number dd\_name job\_name separator\_indicator*

**Explanation:** This message is issued when a new data set is received by the FSS's FSA from JES. Job number, DD name, and job name are displayed, along with a print data set separator page indicator defined as follows:

**NOSEP**

No separator page is required.

**START** A start data set separator page is required.

**CONT** A continue data set separator page is required.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6177I** *fsswtr\_id printer\_id RDS job\_number dd\_name smf\_indicator*

**Explanation:** This message is issued if there is a data set at the stacker when RELDS is about to be issued. An indicator is issued at the end of the message as follows:

**INCOMPLETE**

RELDS is incomplete.

**SMF=YES**

An SMF type 6 record was requested.

**SMF=NO**

No SMF type 6 record was requested.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6178I** *fsswtr\_id printer\_id EOF/EOG job\_number dd\_name record\_count TRLR/NOTRLR*

**Explanation:** This message is issued to indicate that the data set has been marked for end-of-file or end-of-group. JES job number, DD name, and record count are shown in the message. The message will show either 'EOF' or 'EOG' between *printer\_id* and *job\_number*. 'TRLR' will appear at the end of the message to acknowledge the last data set in a JES2 output group or a JES3 job.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6179I** *fsswtr\_id printer\_id SND job\_number dd\_name OOP-TRACKING*

**Explanation:** This message indicates that a tracking FSI SEND operation has been performed. Job number and DD name appear in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

## EZY6180I • EZY6185I

---

**EZY6180I** *fsswtr\_id printer\_id* FSA ENTERING WAIT

**Explanation:** The FSA associated with *printer\_id* is waiting for work.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6181I** *fsswtr\_id printer\_id* FSA POSTED BY JES

**Explanation:** The FSI Order/Post ECB of the FSA associated with (*printer\_id*) has been posted by JES.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6182I** *fsswtr\_id printer\_id* FSA POSTED BY JES, ORDID=*fsa\_order\_id*

**Explanation:** The FSI Order/Post ECB of the FSA associated with (*printer\_id*) has been posted by JES with the ORDER ID displayed in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6183I** *fsswtr\_id printer\_id* FSA POSTED BY NPRO TIMER POP

**Explanation:** The NPRO STIMERM ECB of the FSA associated with (*printer\_id*) has been posted.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6184I** *fsswtr\_id printer\_id* FSA POSTED BY FSS

**Explanation:** The FSA associated with (*printer\_id*) has been posted by the FSS.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6185I** *fsswtr\_id printer\_id* FSA DIRECTED BY FSS TO TERMINATE

**Explanation:** The FSA associated with (*printer\_id*) has been posted by the FSS and directed to terminate.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPFA

---

**EZY6186I** *fsswtr\_id printer\_id* **START-FSA CONNECT FSIREQ SUCCESSFUL**

**Explanation:** The FSA-CONNECT FSIREQ request succeeded.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6187I** *fsswtr\_id printer\_id* **STOP-FSA DISCONNECT FSIREQ SUCCESSFUL**

**Explanation:** The FSA-DISCONNECT FSIREQ request succeeded.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6188I** *fsswtr\_id printer\_id* **DEVICE IS STARTING**

**Explanation:** The FSA device is starting and is available for work.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6189I** *fsswtr\_id printer\_id* **DEVICE IS STOPPING**

**Explanation:** The FSA device is stopping and is not available for work.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6190I** *fsswtr\_id printer\_id* **OPERATOR INTERVENTION ORDERED**

**Explanation:** The FSA device requires operator intervention. The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA flush its device buffer and prepare for something that probably involves operator setup.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6191I** *fsswtr\_id printer\_id* **DEVICE SYNC ORDERED**

**Explanation:** The FSA has an asynchronous ORDER request via an FSIREQ requesting that the FSA synchronize its processing to the point of actual printing. That is, a JES command such as a device backspace or forward space has been issued and it should affect the dataset at the OOP (Operator Orientation Point).

**System action:** Processing continues.

**Operator response:** None.

## EZY6192I • EZY6196I

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6192I** *fsswtr\_id printer\_id* **DEVICE SET ORDERED**

**Explanation:** The FSA has an asynchronous ORDER request via an FSIREQ requesting that the FSA reset some parameters. An example of this would be a JES2 \$T command to change NPRO.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6193I** *fsswtr\_id printer\_id* **OUT OF BUFFERS IN GETREC, TRYING AGAIN**

**Explanation:** The GETREC FSIREQ could not get the required number of buffers.

**System action:** The request will be reissued.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6194I** *fsswtr\_id printer\_id* **NOTIFY SENT TO USER=*user\_list***

**Explanation:** The user IDs listed in *user\_list* were found in the NOTIFY parameter on the OUTPUT JCL statement. Data set processing results will be sent to the users in the list.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6195I** *fsswtr\_id printer\_id* **DATA SET AT OOP RESCHEDULED**

**Explanation:** The data set at the Operator Orientation Point has been rescheduled.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6196I** *fsswtr\_id printer\_id* **DATA SET AT OOP CANCELED**

**Explanation:** The data set at the Operator Orientation Point has been cancelled.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

---

**EZY6197I** *fsswtr\_id printer\_id* NO DATA SET AT OOP FOR SYNCH/OPINT

**Explanation:** A SYNCH or OPINT command was processed but no data set exists at the Operator Orientation Point.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6198I** *fsswtr\_id printer\_id* DEVICE BACK-SPACED

**Explanation:** The data set at the Operator Orientation Point has been backspaced.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6199I** *fsswtr\_id printer\_id* DEVICE FORWARD-SPACED

**Explanation:** The data set at the Operator Orientation Point has been forward-spaced.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6200I** *fsswtr\_id printer\_id* DEVICE SYNCH, ORDSYR1-4=*synch\_flags*

**Explanation:** This message is a general DEVICE SYNCH message. It displays the flags from the JES-to-FSA SYNCH ORDER.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6201E** *aaa bbbbbbbb* ABENDED, *cccccc* CODE=*dddd* REASON=*eeeeeeee*

**Explanation:** This message is presented by the NPF JES Capture Point ESTAE exit. The message contains information from an ABEND that occurred as follows:

*aaa* Identifies the component that ABENDED. The value is either FSS or FSA.

*bbbbbbbb*

If *aaa* is FSS, *bbbbbbbb* is the FSS writer ID. If *aaa* is FSA, *bbbbbbbb* is the printer ID.

*cccccc* indicates either a SYSTEM or a USER ABEND.

*dddd* contains the ABEND code.

*eeeeeeee* contains the reason code.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPPFE

## EZY6202E • EZY6207R

---

### EZY6202E EZAPPF E FSS/FSA SVC DUMP COMPLETE

**Explanation:** The SVC DUMP is complete. This message is issued from the NPF JES Capture Point ESTAE exit in conjunction with IEA794I.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPPF E

---

### EZY6203E FSS/FSA SVC DUMP FAILED, R15=aaaa, REASON=bbbb

**Explanation:** The SVC DUMP failed. The return code from SDUMP (from register 15) is output in field *aaaa*. The reason code is output in field *bbbb*.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPPF E

---

### EZY6204E LRB FAILING INSTR WAS aaaaaaaaaa

**Explanation:** This message displays the Last-RB failing instruction in field *aaaaaaaaaa*.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPPF E

---

### EZY6205E LRB PSW = aaaaaaaa aaaaaaaa ILC = b IC = cc

**Explanation:** This message displays the Last-RB PSW in field *aaaaaaaa aaaaaaaa*, the Instruction Length Code in *b*, and the Interrupt Code in field *cc*.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPPF E

---

### EZY6206E LRB aaa = register register register register

**Explanation:** This message displays four Last-RB registers starting with the register identified in field *aaa*. *aaa* is one of the following: R0, R4, R8, or RC.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPPF E

---

### EZY6207R REPLY "P" WHEN EZAPPF E MAY PERCOLATE, OR "TOE" (TIME-OF-ERROR) OR "LRB" (LAST-RB) FOR ERROR INFO RE-DISPLAY

**Explanation:** This message enables you to display diagnostic data before the FSA or FSS task abends. EZAPPF E provides a basic ESTAE snapshot for these tasks. The operator must respond with either of the following replies:



- P** Causes EZAPFFE to percolate, which ends the FSA or FSS task, and takes an SVCDUMP.
- TOE** Redisplay the instruction at the time of the error, PSW, and registers, which can be used for diagnostic purposes.
- LRB** Redisplay the LAST RB information from the FSA or FSS task, which can be used for diagnostic purposes.

**System action:** The FSA or FSS task will end and an SVCDUMP will be taken.

**Operator response:** Save the system log and the dump for problem determination.

**System programmer response:** Check system log and console for related error messages.

**Module:** EZAPFFE

**Procedure Name:** SFSEEDI

**EZY6214E TOE FAILING INSTR WAS** *aaaaaaaaaaaa*

**Explanation:** This message displays the Time-Of-Error failing instruction in field *aaaaaaaaaaaa*.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPFFE

**EZY6215E TOE PSW =** *aaaaaaaa aaaaaaaa ILC = b IC = cc*

**Explanation:** This message displays the Time-Of-Error PSW in field *aaaaaaaa aaaaaaaa*, the Instruction Length Code in *b*, and the Interrupt Code in field *cc*.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPFFE

**EZY6216E LRB** *aaa = register register register register*

**Explanation:** This message displays four Last-RB registers starting with the register identified in field *aaa*. *aaa* is one of the following: R0, R4, R8, or RC.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Use the information in this message as an aid to problem analysis.

**Module:** EZAPFFE

**EZY6221E** *fsswtr\_id printer\_id FSA-CONNECT FSIREQ FAILED, SSOBRETN=fsi\_return\_code*

**Explanation:** The FSA-CONNECT FSIREQ was unsuccessful. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

## EZY6222E • EZY6227E

---

**EZY6222E** *fsswtr\_id printer\_id* **FSA-CONNECT FSIREQ FAILED, R15=register\_15\_contents**

**Explanation:** The FSA-CONNECT FSIREQ was unsuccessful. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPPA

---

**EZY6223E** *fsswtr\_id printer\_id* **INVALID UCB ADDRESS PASSED FROM JES**

**Explanation:** The FSA detected that an invalid UCB address was passed from JES. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPPA

---

**EZY6224E** *fsswtr\_id printer\_id* **GETMAIN FOR SMF WORK AREA FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its SMF work area. The GETMAIN failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPPA

---

**EZY6225E** *fsswtr\_id printer\_id* **GETMAIN FOR PIPELINE WORK AREAS FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its PIPELINE work area. The GETMAIN failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPPA

---

**EZY6226E** *fsswtr\_id printer\_id* **GETMAIN FOR FSI CKPT WORK AREA FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its FSI checkpoint work area. The GETMAIN failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPPA

---

**EZY6227E** *fsswtr\_id printer\_id* **GETMAIN FOR SJF WORK AREA FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its Scheduler JCL Facility work area. The GETMAIN failed.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**System action:** Processing continues.

**Module:** EZAPPFA

**EZY6228E GETMAIN FOR DEVICE DRIVER SDCB FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its Device Driver's Control Block. The GETMAIN failed.

**System action:** The FSA ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPFA

**EZY6230E** *fsswtr\_id printer\_id* **FSA-DISCONNECT FSIREQ SSOBRETN=fsireq\_return\_code**

**Explanation:** The FSA did not DISCONNECT successfully. The return code from FSIREQ is listed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

**EZY6231E** *fsswtr\_id printer\_id* **FSA-DISCONNECT FSIREQ R15=fsi\_return\_code**

**Explanation:** The FSA did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

**EZY6232E** *fsswtr\_id printer\_id* **ABNORMAL FSA DISCONNECT REQUESTED**

**Explanation:** The FSA cannot DISCONNECT successfully. The time frame for disconnection is invalid. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

**EZY6233E** *fsswtr\_id printer\_id* **FSA DISCONNECT REFUSED, DEVICE STILL UP**

**Explanation:** The FSA cannot DISCONNECT successfully. The device is still active. This is an internal error. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

## EZY6234E • EZY6239E

---

**EZY6234E** *fsswtr\_id printer\_id* **START DEVICE ORDER REFUSED, ALREADY UP**

**Explanation:** The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA start its device. The FSA is already started. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6235E** *fsswtr\_id printer\_id* **STOP DEVICE ORDER REFUSED, DEVICE NOT UP**

**Explanation:** The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA stop its device. The FSA is not started. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6236E** *fsswtr\_id printer\_id* **UNSUPPORTED FSA ORDER, ORDID=*fsa\_order\_id***

**Explanation:** The FSA has received an ORDER that is unsupported. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6237E** *fsswtr\_id printer\_id* **GETDS FSIREQ FAILED, R15=*fsireq\_return\_code***

**Explanation:** A GETDS FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6238E** *fsswtr\_id printer\_id* **GETREC FSIREQ FAILED, R15=*fsireq\_return\_code***

**Explanation:** A GETREC FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6239E** *fsswtr\_id printer\_id* **FREEREC FSIREQ FAILED, R15=*fsireq\_return\_code***

**Explanation:** A FREEREC FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

**System action:** Data set processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6240E** *fsswtr\_id printer\_id* **CKPT FSIREQ FAILED, R15=*fsireq\_return\_code***

**Explanation:** A CKPT FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

**System action:** Data set processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6241E** *fsswtr\_id printer\_id* **GETREC I/O ERROR (GLRIOE)**

**Explanation:** An I/O error occurred during GETREC processing.

**System action:** The data set is held and processing continues.

**Operator response:** None.

**System programmer response:** Analyze accompanying MVS system messages to determine the cause of the error. Contact IBM Support if you are unable to correct the error.

**Module:** EZAPPFA

---

**EZY6242E** *fsswtr\_id printer\_id* **INVALID FSI PARMLIST IN GETREC (GLRIPL)**

**Explanation:** During a GETREC FSIREQ, an invalid FSI parmlist was encountered. This is an internal error.

**System action:** Data set Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6243E** *fsswtr\_id printer\_id* **GETREC PROCESSING ERROR (GLRLGE)**

**Explanation:** During a GETREC FSIREQ, an internal logic error was encountered.

**System action:** The dataset is held, and processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6244E** *fsswtr\_id printer\_id* **DEVICE DRIVER EXIT ID/RC = *exit\_vector\_offset/return\_code***

**Explanation:** A nonzero return code was received from the device driver exit.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

## EZY6251W • EZY6257W

---

**EZY6251W** *fsswtr\_id printer\_id* **FSA REQUESTED TERMINATION (FIT SEND)**

**Explanation:** An FSI SEND was issued to JES to request self-initiated termination.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6252W** *fsswtr\_id printer\_id* **SJF ERROR, SJFREQ R15=*sjfreq\_return\_code***

**Explanation:** An SJFREQ call failed, with the return code listed in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6253W** *fsswtr\_id printer\_id* **SJF RETRIEVE ERROR, SJFREREAS=*sjfreq\_reason\_code***

**Explanation:** An SJF RETRIEVE error was detected that is not critical.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** On return from the SJF request, it was determined that some keywords were not found. This is assumed to be because the system JDTs are at a lower level than the list of keywords in the FSA module. Since that list is ordered by release date of keywords, it can be assumed that the needed information has been found.

**Module:** EZAPPFA

---

**EZY6255W** *fsswtr\_id printer\_id* **RELDS FSIREQ ERROR, RC=*relds\_return\_code***

**Explanation:** A RELDS FSIREQ call was issued for the data set at the stacker. The call was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6256W** *fsswtr\_id printer\_id* **TRACKING FSI SEND ERROR, RC=*return\_code***

**Explanation:** A tracking SEND FSIREQ call was issued for the data set at the Operator Orientation Point. The call failed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6257W** *fsswtr\_id printer\_id* **FSI SEND FSIREQ ERROR, RC=*fsi\_req\_return\_code***

**Explanation:** An FSISEND call was issued to JES, but was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6258W** *fsswtr\_id printer\_id* **SJF UNKNOWN ERROR, SJFREREAS=***sjfreq\_reason\_code*

**Explanation:** An SJFREQ call was unsuccessful. The reason could not be determined.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6259W** *fsswtr\_id printer\_id* **NOTIFY SSI ERROR, R15=***ssi\_return\_code*, **USER=***user\_list*

**Explanation:** An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If you are unable to correct the conditions responsible for the NOTIFY failure, contact IBM Support.

**Module:** EZAPPFA

---

**EZY6260W** *fsswtr\_id printer\_id* **NOTIFY ERROR, SSOBRETN=***ssob\_return\_code*

**Explanation:** An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If you are unable to correct the conditions responsible for the NOTIFY failure, contact IBM Support.

**Module:** EZAPPFA

---

**EZY6261W** *fsswtr\_id printer\_id* **NOTIFY ERROR, SSNUERCD=***ssnu\_error\_code*

**Explanation:** An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If you are unable to correct the conditions responsible for the NOTIFY failure, contact the IBM Software Support Center to report this error.

**Module:** EZAPPFA





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## Chapter 8. EZYF<sub>xxxx</sub> messages

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### EZYFS01I SECURE\_CTRLCONN value must be CLEAR, SAFE, or PRIVATE

**Explanation:** While processing the FTP.DATA file, the server or client encountered the SECURE\_CTRLCONN statement with a parameter value that was not CLEAR, SAFE, or PRIVATE. The only valid values are CLEAR, SAFE, and PRIVATE.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the *z/OS Communications Server: IP Configuration Guide* for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFS02I SECURE\_DATACONN value must be CLEAR, SAFE, PRIVATE, or NEVER

**Explanation:** While processing the FTP.DATA file, the server or client encountered the SECURE\_DATACONN statement with a parameter value that was not CLEAR, SAFE, PRIVATE, or NEVER. The only valid values are CLEAR, SAFE, PRIVATE, and NEVER.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the *z/OS Communications Server: IP Configuration Guide* for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFS03I SECURE\_MECHANISM value must be GSSAPI, or TLS

**Explanation:** While processing the FTP.DATA file, the client encountered the SECURE\_MECHANISM statement with a parameter value that was not GSSAPI or TLS. The only valid values are GSSAPI or TLS.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the *z/OS Communications Server: IP Configuration Guide* for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFS04I Maximum allowable number of ciphersuite statements has been specified

**Explanation:** While processing the FTP.DATA file, the server or client encountered the CIPHERSUITE statement after the maximum number of valid CIPHERSUITE statements have been processed. Only 20 CIPHERSUITE statements can be processed.

## EZYFS05I • EZYFS08I

**System action:** The line containing the statement is ignored. Processing of the FTP.DATA file continues with the next line of the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Delete the extra ciphersuite statements.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFS05I Ciphersuite name is not supported

**Explanation:** While processing the FTP.DATA file, the server or client encountered the CIPHERSUITE statement with a parameter value that was not recognized.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line of the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the *z/OS Communications Server: IP Configuration Guide* for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFS06I Ciphersuite name has already been specified

**Explanation:** While processing the FTP.DATA file, the server or client encountered the CIPHERSUITE statement with a parameter name that has already been specified.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line of the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain no duplicate ciphersuite names.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFS07I *smfkeyword* value must be TYPE119 or a blank

**Explanation:** While processing the FTP.DATA file, the server encountered the SMF keyword parameter with a parameter value that was not TYPE119 or a blank. The only valid values for the *smfkeyword* parameter are TYPE119 and a blank.

*smfkeyword* is the FTP.DATA keyword for SMF record.

**System action:** The line containing the SMF parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for more information about the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

---

### EZYFS08I Some characters cannot be translated between *codeset\_1* and *codeset\_2*

**Explanation:** The SBDATACONN statement specified the code sets *codeset\_1* and *codeset\_2*. The iconv() function was used to build a table for each of the 256 single byte character codepoints. Some of the codepoints do not have an equivalent codepoint.

**System action:** The tables are built and will be used during data transfer by FTP. If FTP detects a data byte during the transfer of the data that cannot be translated using the tables, FTP will use substitution characters if substitution is enabled, or otherwise fail the transfer.

**Operator response:** None.

**System programmer response:** Specify SBADATACONN with code set names that convert all of the codepoints. However, you can use the table if your data does not contain any of the untranslatable characters. To see which of the codepoints cannot be translated, start the client or server with the following trace specified in the FTP.DATA file:

DEBUG UTL ; utility services trace

**Module:** EZAFTPNX, EZAFTPCK

**Procedure Name:** setup\_translate\_tables, locsite

#### EZYFS09I SBSUBCHAR must be either SPACE or a hexadecimal character.

**Explanation:** While processing the FTP.DATA file, the server encountered the SBSUBCHAR statement with a parameter value that was not SPACE, or a hexadecimal character. The only valid values for the SBSUBCHAR parameter are SPACE or a hexadecimal character.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

#### EZYFS10I ENCODING value must be either SBCS or MBCS

**Explanation:** The ENCODING statement in the FTP.DATA file has a value that is not SBCS or MBCS. The only valid values are SBCS and MBCS.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified statement. See the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

#### EZYFS11I Multi-byte encoding does not support *codepage* as a file system codepage

**Explanation:** The format of the MBADATACONN statement in the FTP.DATA file is the following:

```
MBADATACONN      (file_system_cp,network_transfer_cp).
```

The multi-byte encoding support for FTP allows codepages IBM-1388 and UTF-8 to be specified as the file system codepage.

*codepage* is the codepage name that was entered as the file system codepage.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to use one of the supported file system codepages. See the

## EZYFS12I • EZYFS16I

*z/OS Communications Server: IP Configuration Reference* for information about the MBDATACONN statement.

**Module:** EZAFTPEP

**Procedure Name:** verifyMBdataconn

---

### EZYFS12I Multi-byte encoding does not support *codepage* as a network transfer codepage

**Explanation:** The format of the MBDATACONN statement in the FTP.DATA file is the following:

```
MBDATACONN      (file_system_cp,network_transfer_cp).
```

The multi-byte encoding support for FTP allows codepage IBM-5488 to be specified as the network transfer codepage.

*codepage* is the codepage name that was entered as the network transfer codepage.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to use one of the supported network transfer codepages. See the *z/OS Communications Server: IP Configuration Reference* for information about the MBDATACONN statement.

**Module:** EZAFTPEP

**Procedure Name:** verifyMBdataconn

---

### EZYFS13I No conversion available to *cp\_name1* from *cp\_name2*

**Explanation:** The MBDATACONN statement in the FTP.DATA file specified codepage names, but there is no supported code set converter for the code sets (codepages) that are specified.

*cp\_name1* is the codepage name **to** which the code is converted.

*cp\_name2* is the codepage name **from** which the code is converted.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to use one of the supported pairs of code sets (codepages). See the *z/OS XL C/C++ Programming Guide* for information about supported code set converters and valid code set names.

**Module:** EZAFTPEJ

**Procedure Name:** verifyMBdataconn

---

### EZYFS16I SECURE\_PASSWORD reset to REQUIRED

**Explanation:** After processing the FTP.DATA statements, the server cross-checked the values of the SECURE\_LOGIN and SECURE\_PASSWORD statements and found them to be in a combination that is not valid. SECURE\_PASSWORD is coded with a value of OPTIONAL and SECURE\_LOGIN has the value NO\_CLIENT\_AUTH. NO\_CLIENT\_AUTH indicates that the server does not request a certificate from the client, but SECURE\_PASSWORD OPTIONAL means that a certificate is required for a session protected by the TLS security mechanism.

**System action:** Because the server will not request a certificate from the client, SECURE\_PASSWORD is reset to REQUIRED. As a result, a password will be required for authentication of a TLS secured login.

**Operator response:** If the new value is acceptable, no action is required. Otherwise, contact the system programmer to change the SECURE\_LOGIN setting to a value other than NO\_CLIENT\_AUTH in order to permit SECURE\_PASSWORD OPTIONAL.

**System programmer response:** If necessary, update the FTP.DATA file with the correct values for SECURE\_LOGIN and SECURE\_PASSWORD. Refer to *z/OS Communications Server: IP Configuration Reference* for information about the statements of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

#### EZYFS20I Binary tagged file translated with current data connection translation table

**Explanation:** The file that is to be transferred was tagged binary but the data type is ASCII. This is a warning to the user that the file will be translated.

**System action:** The file transfer continues.

**Operator response:** If it is acceptable that the translation was done in ASCII, then no action is necessary. However, if no translation should have been done, change the transfer type to binary and transfer the file again. See the *z/OS UNIX System Services Command Reference* for information about the CHTAG command. See the *z/OS Communications Server: IP User's Guide and Commands* for information about the FTP TYPE subcommand.

**System programmer response:** None

**Module:** EZAFTPSM

**Procedure Name:** hfs\_sndFile()

#### EZYFS24I SECURE\_HOSTNAME value must be OPTIONAL or REQUIRED

**Explanation:** While processing the FTP.DATA file, the client encountered the SECURE\_HOSTNAME statement with a parameter value that was not either REQUIRED or OPTIONAL. The only valid values are REQUIRED or OPTIONAL.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer to correct the SECURE\_HOSTNAME statement in the FTP.DATA file.

**System programmer response:** Correct the SECURE\_HOSTNAME statement in the FTP.DATA file.

Refer to the SECURE\_HOSTNAME statement in *z/OS Communications Server: IP Configuration Reference* for more information.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

#### EZYFS30W FTP message catalog *catlgname* returned an unexpected timestamp of *timestamp1* - FTP expected *timestamp2* - FTP will use default messages

**Explanation:** The time stamp that is contained in the catalog does not match the time stamp that FTP expects.

In the message text:

*catlgname*

The fully qualified name of the catalog that FTP is processing.

*timestamp1*

The time stamp from the catalog, specified in the following format:

*yyyy ddd hh:mm* UTC

- *yyyy* is the year

- *ddd* is the day (001 - 366)

- *hh* is the hour (01 - 24)

- *mm* is the minute (01 - 60)

*timestamp2*

The time stamp that FTP expects to be in the catalog. This time stamp in the same format as the *timestamp1* value.

**Example:**

## EZYFS31W

| EZYFS30W FTP message catalog /usr/lib/nls/msg/C/ftpdmsg.cat returned an unexpected timestamp  
| of 2005.180 15:30 UTC - FTP expected 2006.091 06:30 UTC - FTP will use default messages

| **System action:** FTP uses the default messages. Message EZYFS32I follows this message and indicates the expected  
| service level.

| **Operator response:** No action needed.

| **User response:** Contact the system programmer.

| **System programmer response:** Ensure that the correct z/OS UNIX file system is attached and that the correct  
| service level is applied to the z/OS UNIX file system. If a customized catalog is being used, verify that it is at the  
| same service level as the current distribution level of the catalog that is specified in message EZYFS32I.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: FTP

| **Module:** EZAFTPCY

| **Routing code:** 10

| **Descriptor code:** 3

---

| **EZYFS31W** FTP reply catalog *catlgname* returned an unexpected timestamp of *timestamp1* - FTP expected  
| *timestamp2*, - FTP will use default messages

| **Explanation:** The time stamp that is contained in the catalog does not match the time stamp that the FTP  
| application expects.

| In the message text:

| *catlgname*

| The name of the catalog that FTP opened.

| *timestamp1*

| The timestamp from the catalog, specified in the following format:

| *yyyy ddd hh:mm* UTC

- | • *yyyy* is the year
- | • *ddd* is the day (001-366)
- | • *hh* is the hour (01-24)
- | • *mm* is the minute (01-60)

| *timestamp2*

| The time stamp that FTP expects to be in the catalog. This time stamp is in the same format as the *timestamp1*  
| value.

| **Example:**

| EZYFS31W FTP reply catalog /usr/lib/nls/msg/C/ftpdprply.cat returned an unexpected timestamp  
| of 2005 180 06:35 UTC - FTP expected 2006 091 06:45 UTC - FTP will use default messages

| **System action:** FTP uses the default messages. Message EZYFS32I follows this message and indicates the expected  
| service level.

| **Operator response:** No action needed.

| **User response:** Contact the system programmer

| **System programmer response:** Ensure that the correct z/OS UNIX file system is attached and that the correct  
| service level is applied to the z/OS UNIX file system. If a customized catalog is being used, verify that it is at the  
| same service level as the current distribution level of the catalog that is specified in EZYFS32I.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: FTP

| **Module:** EZAFTPCY

| **Routing code:** 10

| **Descriptor code:** 3

---

| **EZYFS32I** The catalog *catlgname* must be at service level *svclevel*

| **Explanation:** The specified message catalog is not at the expected service level. Message EZYFS30W or message EZYFS31W precedes this message and identifies the time stamps that resulted in the detection of a catalog mismatch.

| In the message text:

| *catlgname*

| The catalog name.

| *svclevel*

| The service level (FMID or PTF) expected by the catalog.

| **Example:** In the following example, the value UK91456 specifies the catalog that shipped as part of PTF UK91456.

| EZYFS32I The catalog /usr/lib/nls/msg/C /ftpdprly.msg must be at service level UK91456

| In the following example, the value HIP6190 specifies that the catalog should be at the same release level.

| EZYFS32I The catalog /usr/lib/nls/msg/C /ftpdmsg.msg must be at service level HIP6190

| **System action:** FTP uses the default messages.

| **Operator response:** No action needed.

| **User response:** Contact the system programmer.

| **System programmer response:** Ensure that one of the following is true:

- | • The correct z/OS HFS file system is attached
- | • The correct service has been applied to the z/OS HFS
- | • A customized catalog is being used and is at the same level as the distribution level of the catalog that is specified in the message.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: FTP

| **Module:** EZAFTPCY

| **Routing code:** 10

| **Descriptor code:** 3

---

| **EZYFS33I** FTP will remove *type* sequence numbers from input commands

| **Explanation:** FTP is configured with the value TRUE on the SEQNUMSUPPORT parameter in the FTP.DATA file. Sequence numbers that have numerics in columns 1 - 8 on the input command (LEADING) are shifted left by 8 columns prior to processing the command. Sequence numbers that have numerics in the last 8 columns on the input command (TRAILING) have the last 8 columns replaced with blanks.

| In the message text:

| *type*

| The type of sequence numbers detected. Possible values are:

| **LEADING**

| Indicates that columns 1 - 8 of the input contain numeric data; FTP treats this and subsequent records as having a sequence number in these columns. The following is an example of leading sequence numbers:

| Input command: 00000130 cd /tmp Processed command: cd /tmp

| **TRAILING**

| Indicates that the last 8 columns of data that was read contains numeric data; FTP treats this and subsequent records as having a sequence number in these columns. The following is an example of trailing sequence numbers:

| Input command: cd /tmp 00000130 Processed command: cd /tmp

| **Example:**



## EZYFS34W

| EZYFS33I FTP will remove LEADING sequence numbers from input commands  
| EZYFS33I FTP will remove TRAILING sequence numbers from input commands

| **System action:** FTP continues.

| **Operator response:** No action needed.

| **User response:** Do nothing if you intended to remove sequence numbers and FTP processes the input without errors. If you must deactivate FTP sequence number support, perform one of the following actions:

- | • If you are making a permanent change, contact the system programmer.
- | • When FTP runs in batch mode and you cannot change the FTP.DATA file, temporarily concatenate the required command to the FTP.DATA file:

```
| //SYSFTPD DD DSN=SYS1.TCPPARMS(FTPDATA),DISP=SHR CURRENT FTP.DATA FILE  
| // DD *  
| SEQNUMSUPPORT FALSE  
| /*
```

| **System programmer response:** This message is issued only when the SEQNUMSUPPORT TRUE value is in effect. Ensure that the SEQNUMSUPPORT TRUE statement in the FTP.DATA file is appropriate for your installation.

| **Problem determination:** See the system programmer response.

| **Source:** z/OS Communications Server TCP/IP: FTP

| **Module:** EZYFTPCU

| **Routing code:** 10

| **Descriptor code:** 12

---

### | EZYFS34W FTP will not remove *type* sequence numbers

| **Explanation:** FTP is configured with the value FALSE on the SEQNUMSUPPORT parameter in the FTP.DATA file but FTP has detected possible sequence numbers in the input. These sequence numbers are not removed; however, this situation can cause an error in FTP processing.

| In the message text:

| *type*

| The type of sequence numbers that were detected. Possible values are:

| **LEADING**

| A sequence number was detected in columns 1 - 8 of the input record.

| **TRAILING**

| A sequence number was detected in the last 8 bytes of the input record.

| **Example:**

| EZYFS34W FTP will not remove LEADING sequence numbers  
| EZYFS34W FTP will not remove TRAILING sequence numbers

| **System action:** FTP continues processing the command.

| **Operator response:** No action needed.

| **User response:** Determine whether the input FTP subcommands contain sequence numbers. If the input does contain sequence numbers, do one of the following:

- | • Use an editor and remove sequence numbers.
- | • Add the SEQNUMSUPPORT TRUE value to the FTP.DATA file.
- | • When FTP runs in batch mode and you cannot change the FTP.DATA file, temporarily concatenate the required command to the FTP.DATA file:

```
| //SYSFTPD DD DSN=SYS1.TCPPARMS(FTPDATA),DISP=SHR CURRENT FTP.DATA FILE  
| // DD *  
| SEQNUMSUPPORT TRUE  
| /*
```

| **System programmer response:** To ignore sequence numbers, add the SEQNUMSUPPORT TRUE parameter to the FTP.DATA file.



| **Problem determination:** None.  
 | **Source:** z/OS Communications Server TCP/IP: FTP  
 | **Module:** EZAFTPCU  
 | **Routing code:** 10  
 | **Descriptor code:** 12

| **EZYFS35I FTP will not remove sequence numbers from input**

| **Explanation:** FTP is configured with the value TRUE on the SEQNUMSUPPORT parameter in the FTP.DATA file. While processing an input file, FTP detected a record that indicated that FTP should stop removing sequence numbers. See the SEQNUMSUPPORT statement information in *z/OS Communications Server: IP Configuration Reference*.  
 | **Example:** None.  
 | **System action:** FTP processing continues.  
 | **Operator response:** No action needed.  
 | **User response:** If a command fails after this message was issued, ensure that the command does not have a sequence number that was interpreted as part of the command.  
 | **System programmer response:** None.  
 | **Problem determination:** None.  
 | **Source:** z/OS Communications Server TCP/IP: FTP  
 | **Module:** EZAFTPCU  
 | **Routing code:** 10  
 | **Descriptor code:** 12

**EZYFS50I ID=*sessionID* CONN starts Client IPaddr=*ipaddr* hostname=*hostname***

**Explanation:** This log entry is made by the FTP daemon when it accepts a client connection request. The keyword CONN identifies this entry as a connection log entry.

*sessionID* uniquely identifies the FTP session between a client and a server. The identifier is created by combining the jobname of the FTP daemon with a 5-digit number in the range 00000–99999. This identifier is in each log entry for the session until message EZYFS52I, which is the last entry for the session.

*ipaddr* is the IP address of the FTP client. The IP address might be either an IPv4 or an IPv6 address.

*hostname* is the name of the FTP client. If the name cannot be resolved, UNKNOWN is displayed.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logCONN

**EZYFS51I ID=*sessionID* CONN fails Reason=*reason* Text=*text***

**Explanation:** This log entry is made by the FTP daemon or the server when a connection request fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*reason* is a number code for the failure.

*text* is an explanation of the failure.

**System action:** The FTP connection ends.

## EZYFS52I

**Operator response:** None.

**System programmer response:** Use the reason code in the log entry to choose from the following responses:

- 1 Examine your FTCHKIP user exit to determine why the connection was rejected.
- 2 If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 3 If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 4 If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 5 If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 6 If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 7 Restart the daemon with a larger region size and ask the client to connect again to the server.
- 8 Restart the daemon with a larger region size and ask the client to connect again to the server.
- 9 Restart the daemon with a larger region size and ask the client to connect again to the server.
- 10 Contact the IBM support center and provide the log entry message number and reason number of the failure.

FTP sessions that are created as a result of a port scanner application testing for server response are likely to have this message logged for those sessions. The reason code will vary depending on the timing of the scanner's disconnection process, with codes 2-6 being the most likely. To verify that a test for server response is the cause, check for that application running on the IP address reported in the associated EZYFS50I message and verify that the times correlate with its activities.

**Module:** EZAFTPBU

**Procedure Name:** logCONN

---

**EZYFS52I** ID=*sessionID* CONN ends Input=*bytesIn* Output=*bytesOut*

**Explanation:** This log entry is made by the FTP server when an FTP session with the client ends. The keyword CONN identifies this entry as a connection log entry.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*bytesIn* is the count, in bytes, of the data that was transferred into the server with the data transfer commands (STOR, STOU, and APPE).

*bytesOut* is the count, in bytes, of the data that was transferred from the server with the data transfer command (RETR) and the list commands (LIST and NLST).

If a count is greater than or equal to one gigabyte (that is, 1,073,741,824 bytes), the count is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1 073 741 824 bytes is displayed as 1.00 GB
- 2 147 483 648 bytes is displayed as 2.00 GB
- 2 415 919 104 bytes is displayed as 2.25 GB

**System action:** The FTP connection ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logCONN

**EZYFS54I** ID=*sessionID* SECURE OK Mechanism=*mechanism*

**Explanation:** This log entry is made by the FTP server to indicate that the connection with the client is protected by a security mechanism.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*mechanism* is either TLS, TLS-P, or GSSAPI.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logSECURE

**EZYFS55I** ID=*sessionID* SECURE fails Reason=*reason* Text=*text*

**Explanation:** This log entry is made by the FTP server when a request for security protection fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*reason* is a number code for the failure

*text* is an explanation of the failure.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** Use the reason code number in the message to determine your action as follows:

- 1 If your installation wants to provide TLS security for FTP connections, add the EXTENSIONS AUTH\_TLS and the KEYRING statements to your FTP.DATA file and restart the FTP daemon. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session and handle appropriately for your installation.
- 2 If your installation wants to allow private data connections with TLS secure connections, change the SECURE\_DATACONN statement in your FTP.DATA file to CLEAR or PRIVATE and restart the FTP daemon. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session with private data connections and handle appropriately for your installation.
- 3 If your installation wants to provide Kerberos security for FTP connections, add the EXTENSIONS AUTH\_GSSAPI statement to your FTP.DATA file and restart the FTP daemon. See the *z/OS Communications Server: IP Configuration Guide* for more information. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session and handle appropriately for your installation.
- 4 Use the MODIFY operator command to set the FTP server trace as follows: MODIFY jobname,DEBUG=(SOC(3),SEC). Then ask the client to try to connect to the FTP server again. Contact the IBM support center and provide the server trace and the log entry message.
- 5 If your installation wants to allow the USER command before the session is protected by a security mechanism, add the SECURE\_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command before the USER command is sent.
- 6 If your installation wants to allow the PASS command before the session is protected by a security mechanism, add the SECURE\_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command before the PASS command is sent.
- 7 If your installation wants to allow commands before the session is protected by a security mechanism, add the

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SECURE\_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command as the first command.

- 8 If GSSAPI connections are required, provide an FTP server that supports the IPv4 transport.

**Module:** EZAFTPBU

**Procedure Name:** logSECURE

---

**EZYFS56I** ID=*sessionID* ACCESS OK USERID=*userid*

**Explanation:** This log entry is made by the FTP server to indicate a successful verification of the user that logged in with the USER command. If the client changes the user ID during the session with another USER command, another ACCESS entry is made to record the new user ID.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*userid* is the name that was entered on the USER command

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logACCESS

---

**EZYFS57I** ID=*sessionID* ACCESS fails USERID=*userid* Reason=*reason\_code* Text=*text*

**Explanation:** This log entry is made by the FTP server when the access verification fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*userid* is the login name (user ID).

*reason\_code* is the code that corresponds to the failure.

*text* is an explanation of the failure.

**System action:** FTP continues. The client is still in session but is not logged in.

**Operator response:** None.

**System programmer response:** Use the *reason\_code*, described in the following table, to determine your response. If the identity of the client is needed, use the log entry message EZYFS50I for this session ID to determine the identity of the FTP client that is accessing the FTP server with the USER or PASS command. If an FTP server trace is needed, ensure that the ACC trace option is activated for the server trace before the client logs in. Use the MODIFY operator command or an FTP.DATA file statement to activate the trace.

reason_code	System programmer response
1	Ask the client to reissue the USER and PASS commands, using the correct format of the <b>old_password/new_password/new_password</b> on the PASS command.
2	Ask the client to reissue the USER and PASS commands, using the same password for both occurrences of <b>new password</b> .
3	The FTCHKPWD user exit of your installation rejected the user ID. Update the exit to accept the user ID.
4	Ask the client to reissue the USER and PASS commands, using the correct password for the user ID.
5	Ask the client to reissue the USER and PASS commands with valid user ID and password values.

reason_code	System programmer response
6	Ensure that programs being loaded from the address space of the FTP server are defined as program controlled. A corresponding ICH420I message is issued to identify the uncontrolled library where the load was done.
7	Ask the client to reissue the USER and PASS commands, using the format of <b>old_password/new_password/new_password</b> on the PASS command to provide a new password for the user ID.
8	Ask the client to reissue the USER and PASS commands, using the format of <b>old_password/new_password/new_password</b> on the PASS command with a new password that meets the installation's requirements for passwords.
9	Determine why the user ID access is revoked and restore its access, or ask the client to reissue the USER and PASS commands with a user ID whose access has not been revoked.
10	Determine why the user ID is no longer known, or ask the client to reissue the USER and PASS commands with a user ID that is known to the system.
11	Access to the user database by user ID is a function provided by the getpwnam() function of the operating system. Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
12	The process group ID is set by the setgid() function of the operating system. If the FTP server ACC trace was active when the setgid() failed, the server made a trace entry with the errno of the failure. The errno is the UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in <i>z/OS UNIX System Services Messages and Codes</i> . Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
13	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
14	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
15	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
16	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
17	Your installation has defined in the security product (for example, RACF) a SERVAUTH class and a profile for the port as follows: EZB.FTP. <i>systemname.ftpd</i> daemonname.PORTxxxx where xxxx is the port number of the FTP daemon. The user login is denied because of the following: <ul style="list-style-type: none"> <li>• The session is protected by TLS.</li> <li>• The FTP.DATA file has the statement SECURE_LOGIN VERIFY_USER.</li> <li>• The user ID does not have read access to the profile.</li> </ul> <p>Give the user ID read access to the profile if the user needs to use TLS security.</p>
18	The connection is protected by TLS security. However, the client did not send a certificate to the FTP server during the TLS handshake process. Either the client must send a certificate or you should change the FTP.DATA file statement to SECURE_LOGIN NO_CLIENT_AUTH.
19	The USER command is disabled for this client. Inform the client that he must end his current FTP session and connect again to provide the USER command and the PASS command with the correct password.
20	To allow anonymous logins with an active security mechanism, code the ANONYMOUSLEVEL statement in FTP.DATA file with a value greater than 2.
21	Determine whether the certificate or ticket used to authenticate the user is associated in the security product with a different user.
22	The server received a PASS command from the client that did not include a password. If your FTP client is z/OS, enter a password when prompted by the FTP client. For other FTP clients, consult vendor documentation.

## EZYFS58I • EZYFS60I

**Module:** EZAFTPBU

**Procedure Name:** logACCESS

---

**EZYFS58I** ID=*sessionID* ALLOC permission denied MVS DSN=*dsname*

**Explanation:** This log entry is made by the FTP server when it determines through the use of a SAF-compliant security product (for example, RACF) that the end user does not have permission to access the MVS data set for the command that is being processed.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*dsname* is the full MVS name of the data set.

**System action:** The MVS data set is not allocated.

**Operator response:** None.

**System programmer response:** If the user should be allowed to access the data set, update the security product to give permission for access to the MVS data set to the user identified in the log entry message EZYFS56I. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting access to the data set and handle appropriately for your installation.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS59I** ID=*sessionID* ALLOC permission denied HFS filename=*filename*

**Explanation:** This log entry is made by the FTP server when it determines that the end user does not have permission to access the z/OS UNIX (HFS) file for the command that is being processed.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*filename* is the full z/OS UNIX file name of the file.

**System action:** The z/OS UNIX file is not allocated.

**Operator response:** None.

**System programmer response:** If the user should be allowed to access the file, update the permissions of the file and any directories in the path to allow access to the z/OS UNIX file for the user identified in the log entry message EZYFS56I. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting access to the file and handle appropriately for your installation.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS60I** ID=*sessionID* ALLOC OK *action* MVS DSN=*dsname*

**Explanation:** This log entry is made by the FTP server when it successfully allocates an MVS data set.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates whether a new data set was created during allocation or an existing data set was used. The values for action are the following:

**Create** A new data set was created.

**Use** An existing data set was used.

*dsname* is the full MVS name of the data set.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

**EZYFS61I** ID=*sessionID* ALLOC DDNAME=*ddname* VOLSER=*volser* DSORG=*dsorg* DISP=(*disp*)

**Explanation:** This log entry provides additional information about an MVS data set allocation.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*ddname* is the ddname associated with the allocation.

*volser* is the first volume serial number associated with the allocation.

*dsorg* is the data set organization of the data set. Examples are DSORG=PS (physical sequential) and DSORG=PO (partitioned).

*disp* is the status and disposition of the allocation. Examples are DISP=(NEW,CATLG,CATLG) when a new data set is created and DISP=(SHR,KEEP) when an existing data set is retrieved.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

**EZYFS62I** ID=*sessionID* ALLOC SMS Storclas=*storclass* Mgmtclas=*mgmtclass* Dataclas=*dataclass*

**Explanation:** This log entry provides additional information about an allocation for a new MVS data set.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*storclass* is the storage class of a new SMS-managed data set.

*mgmtclass* is the management class of a new SMS-managed data set.

*dataclass* is the data class of a new SMS-managed data set.

**System action:** FTP continues.

**Operator response:** None

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

**EZYFS63I** ID=*sessionID* ALLOC fails *action* MVS DSN=*dsname*

**Explanation:** This log entry is made by the FTP server when it attempts to allocate an MVS data set and the allocation fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates whether a new data set was to be created during allocation or an existing data set was to be used. The values for *action* are the following:

**Create** Create a new data set.

**Use** Use an existing data set.



## EZYFS64I • EZYFS66I

*dsname* is the full MVS name of the data set.

**System action:** The MVS data set is not allocated.

**Operator response:** None.

**System programmer response:** Look for log entry messages EZYFS64I and EZYFS65I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS64I** ID=*sessionID* ALLOC SVC 99 RC=*rc* ERROR=*err* INFO=*info*

**Explanation:** This log entry provides additional information about an unsuccessful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the *z/OS MVS Programming: Authorized Assembler Services Guide*.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*rc* is the DYNALLOC Return Code when the allocation failed.

*err* is the hexadecimal DYNALLOC Error Reason Code returned when the allocation failed.

*info* is the hexadecimal DYNALLOC Information Reason Code returned when the allocation failed.

**System action:** The MVS data set is not allocated.

**Operator response:** None.

**System programmer response:** See the Error Reason Codes table in the *z/OS MVS Programming: Authorized Assembler Services Guide* for the meaning and action to be taken for the error. Also, look for the log entry message EZYFS65I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS65I** ID=*sessionID* ALLOC Message=*text*

**Explanation:** This log entry provides additional information about an unsuccessful allocation of an MVS data set.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*text* is the text of an extracted message from dynamic allocation. The following are examples of the failure messages that are extracted when the FTP server attempts to write to a data set that is currently being edited:

```
EZYFS65I FTP ID=FTPD100001 ALLOC Message=IKJ56225I DATA SET USER33.TEST.S.ALLOC.A1
        ALREADY IN USE, TRY LATER+
```

```
EZYFS65I FTP ID=FTPD100001 ALLOC Message=IKJ56225I DATA SET IS ALLOCATED TO ANOTHER JOB OR USER
```

The IKJ56225I message numbers are data management numbers associated with dynamic allocation.

**System action:** The MVS data is not allocated.

**Operator response:** None.

**System programmer response:** Look at the log entry for message EZYFS64I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS66I** ID=*sessionID* ALLOC SVC 99 S99ERSN = *reason*

**Explanation:** This log entry provides additional information about an unsuccessful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the *z/OS MVS Programming: Authorized Assembler Services Guide*.



*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*reason* is the hexadecimal SMS error reason code S99ERSN.

**System action:** The MVS data set is not allocated.

**Operator response:** Contact the system programmer.

**System programmer response:** Refer to *z/OS MVS Programming: Authorized Assembler Services Guide* for the SMS error reason codes and their meanings. Also, look for the log entry messages EZYFS64I and EZYFS65I for additional information.

**Module:** EZAFTPGU

**Procedure Name:** logALLOC

**EZYFS67I** ID=*sessionID* ALLOC OK *action* HFS filename=*filename*

**Explanation:** This log entry is made by the FTP server when it successfully allocates a z/OS UNIX (HFS) file.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates whether a new file was created during allocation or an existing file was used. The values for *action* are the following:

**Create** A new file was created.

**Use** An existing file was used.

*filename* is the full z/OS UNIX file name.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

**EZYFS68I** ID=*sessionID* ALLOC fails *action* HFS filename=*filename*

**Explanation:** This log entry is made by the FTP server when it attempts to allocate a z/OS UNIX (HFS) file and the allocation fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates whether a new file was to be created during allocation or an existing file was to be used. The values for *action* are the following:

**Create** Create a new file.

**Use** Use an existing file.

*filename* is the full z/OS UNIX file name.

**System action:** The z/OS UNIX file is not allocated.

**Operator response:** None.

**System programmer response:** Look for log entry message EZYFS69I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

## EZYFS69I • EZYFS71I

---

**EZYFS69I** ID=*sessionID* ALLOC Errno=*err* Text=*text*

**Explanation:** This log entry provides additional information about an unsuccessful allocation for a z/OS UNIX file. *sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*err* is the errno value that is returned from the fopen() function that attempted the allocation.

*text* is a description of the error.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** See the *z/OS XL C/C++ Run-Time Library Reference* for a description of the failure errno values for the fopen() function. *errnos* are the UNIX System Services return codes. These return codes are listed and described in the return codes (errnos) information in *z/OS UNIX System Services Messages and Codes*. If you are not able to correct the problem using the failure descriptions, contact the IBM support center and provide the log entry message number and *errno* value of the failure.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS70I** ID=*sessionID* DEALL OK *action* MVS DSN=*dsname*

**Explanation:** This log entry is made by the FTP server when it successfully deallocates an MVS data set.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates the action taken when the data set was deallocated. The following are the values for action:

**Release** Deallocate and keep the data set.

**Delete** Deallocate and delete the data set.

A data set is usually released at the end of a transfer command. The exception is when a newly created data set is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. An MVS data set is also deallocated with delete when the DELE command is processed by the server.

*dsname* is the full MVS name of the data set.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

---

**EZYFS71I** ID=*sessionID* DEALL fails *action* MVS DSN=*dsname*

**Explanation:** This log entry is made by the FTP server when it attempts to deallocate an MVS data set and the deallocation fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates the action taken when the data set was deallocated. The following are the values for action:

**Release** Deallocate and keep the data set.

**Delete** Deallocate and delete the data set.

A data set is usually released at the end of a transfer command. The exception is when a newly created data set is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. An MVS data set is also deallocated with delete when the DELE command is processed by the server.

*dsname* is the full MVS name of the data set.

**System action:** The MVS data set is not deallocated.

**Operator response:** None.

**System programmer response:** Look for log entry message EZYFS72I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

**EZYFS72I** ID=*sessionID* DEALL SVC 99 RC=*rc* ERROR=*err* INFO=*info*

**Explanation:** This log entry provides additional information about an unsuccessful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the *z/OS MVS Programming: Authorized Assembler Services Guide*.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*rc* is the decimal DYNALLOC Return Code when the deallocation failed.

*err* is the decimal DYNALLOC Error Reason Code returned when the deallocation failed.

*info* is the hexadecimal DYNALLOC Information Reason Code returned when the deallocation failed.

**System action:** The MVS data set is not deallocated.

**Operator response:** None.

**System programmer response:** See the Error Reason Codes table in the *z/OS MVS Programming: Authorized Assembler Services Guide* for meaning and action to be taken for the error.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

**EZYFS73I** ID=*sessionID* DEALL SVC 99 S99ERSN = *reason*

**Explanation:** This log entry provides additional information about an unsuccessful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the *z/OS MVS Programming: Authorized Assembler Services Guide*.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*reason* is the hexadecimal SMS error reason code S99ERSN.

**System action:** The MVS data set might not be deallocated correctly.

**Operator response:** Contact the system programmer.

**System programmer response:** Refer to *z/OS MVS Programming: Authorized Assembler Services Guide* for the SMS error reason codes and their meanings. Also, look for the log entry message EZYFS72I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

## EZYFS74I • EZYFS77I

---

**EZYFS74I** ID=*sessionID* ALLOC SVC 99 S99INFO = *info*

**Explanation:** This log entry provides additional information about a successful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the *z/OS MVS Programming: Authorized Assembler Services Guide*.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*info* is the hexadecimal informational reason code S99INFO.

**System action:** The MVS data set is allocated. FTP continues.

**Operator response:** Contact the system programmer.

**System programmer response:** The S99INFO information reason code provides additional information about any errors that occurred during the allocation that did not cause the allocation to fail. Refer to the *z/OS MVS Programming: Authorized Assembler Services Guide* for a description of the S99INFO value.

**Module:** EZAFTPGU

**Procedure Name:** logALLOC

---

**EZYFS75I** ID=*sessionID* DEALL SVC 99 S99INFO = *info*

**Explanation:** This log entry provides additional information about a successful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the *z/OS MVS Programming: Authorized Assembler Services Guide*.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*info* is the hexadecimal informational reason code S99INFO.

**System action:** The MVS data set is deallocated. FTP continues.

**Operator response:** Contact the system programmer.

**System programmer response:** The S99INFO information reason code provides additional information about any errors that occurred during the deallocation that did not cause the deallocation to fail. Refer to the *z/OS MVS Programming: Authorized Assembler Services Guide* for a description of the S99INFO value.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

---

**EZYFS77I** ID=*sessionID* DEALL OK *action* HFS *filename*=*filename*

**Explanation:** This log entry is made by the FTP server when it successfully deallocates a z/OS UNIX (HFS) file.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates the action taken when the file was deallocated. The following are the values for action:

<b>Release</b>	Deallocate and keep the file.
<b>Delete</b>	Deallocate and delete the file.

A file is usually released at the end of a transfer command. The exception is when a newly created file is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. A file is also deallocated and deleted when the DELE command is processed by the server.

*filename* is the full z/OS UNIX file name.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

**EZYFS78I** ID=*sessionID* DEALL fails *action* HFS filename=*filename*

**Explanation:** This log entry is made by the FTP server when it attempts to deallocate a z/OS UNIX (HFS) file and the deallocation fails.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates the action taken when the file was deallocated. The following are the values for action:

**Release** Deallocate and keep the file.

**Delete** Deallocate and delete the file.

A file is usually released at the end of a transfer command. The exception is when a newly created file is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. A file is also deallocated and deleted when the DELE command is processed by the server.

*filename* is the full z/OS UNIX file name.

**System action:** The file is not deallocated.

**Operator response:** None.

**System programmer response:** Look for log entry message EZYFS79I for additional information.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

**EZYFS79I** ID=*sessionID* DEALL Errno=*err* Text=*text*

**Explanation:** This log entry provides additional information about an unsuccessful deallocation for a z/OS UNIX (HFS) file.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*err* is the errno value that is returned by the function that was used to deallocate the file.

*text* is a description of the error.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** Look for message EZYFS78I that precedes this message in the log. If the action in the message is Release, the function `fclose()` was used to deallocate the file. If the action in the message is Delete, the function `remove()` was used to deallocate the file. The *z/OS XL C/C++ Run-Time Library Reference* describes the failure values for the `fclose()` and `remove()` functions. If you are not able to correct the problem using the failure descriptions, contact the IBM Software Support Center and provide the log entry message number, the *errno* value, and the description of the failure.

**Module:** EZAFTPBU

**Procedure Name:** logDEALL

**EZYFS80I** ID=*sessionID* TRANS Reply=*reply*

**Explanation:** This log entry is the last entry made by the FTP server for a data transfer command process. It logs the reply that is sent to the client to report the completion of the data transfer.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

## EZYFS81I • EZYFS83I

*reply* is data that begins with a 3-digit reply code followed by the text for the reply. The first digit of the 3-digit reply indicates success or failure defined as follows:

- 2 Positive Completion reply. The requested action has been successfully completed.
- 4 Transient Negative Completion reply. The command was not accepted and the requested action did not take place, but the error condition is temporary and the action might be requested again.
- 5 Permanent Negative Completion reply. The command was not accepted and the requested action did not take place.

For more information about FTP reply codes, see RFC 959. See Appendix B, "Related protocol specifications," on page 567 for information about accessing RFCs.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logTRANS

---

**EZYFS81I** ID=*sessionID* TRANS MVS DSN=*dsname*

**Explanation:** This log entry is the first entry made by the FTP server for a data transfer command process for an MVS data set. It logs the name of the MVS data set that the server is sending from or receiving into.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*dsname* is the full MVS name of the data set.

**System action:** FTP continues.

**Operator response:** None

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logTRANS

---

**EZYFS82I** ID=*sessionID* TRANS HFS filename=*filename*

**Explanation:** This log entry is the first entry made by the FTP server for a data transfer command process for a z/OS UNIX (HFS) file. It logs the name of the z/OS UNIX file that the server is sending from or receiving into.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*filename* is the full z/OS UNIX file name.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logTRANS

---

**EZYFS83I** ID=*sessionID* TRANS Stru=*stru* Mode=*mode* Type=*type* Input=*bytesIn*

**Explanation:** This log entry contains information about an input data transfer from the perspective of the FTP server. Processing for a STOR, STOU, or APPE command results in an input data transfer.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*stru* is the data structure for the transfer. The following are the values for *stru*:

- F file structure
- R record structure

*mode* is the transmission mode. The following are the values for *mode*:

- S stream mode
- B block mode
- C compressed mode

*type* is the data type. The following are the values for *type*:

- A ASCII
- E EBCDIC
- I binary (image)
- U UCS2
- B DBCS

*bytesIn* is the number of bytes transferred on the data connection for this command. If a number is greater than or equal to one gigabyte (that is, 1 073 741 824 bytes), the number is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1 073 741 824 bytes is displayed as 1.00 GB
- 2 147 483 648 bytes is displayed as 2.00 GB
- 2 415 919 104 bytes is displayed as 2.25 GB

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFPBU

**Procedure Name:** logTRANS

---

**EZYFS84I** ID=*sessionID* TRANS Stru=*stru* Mode=*mode* Type=*type* Output=*bytesOut*

**Explanation:** This log entry contains information about an output data transfer from the perspective of the FTP server. Processing for a RETR command results in an output data transfer.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*stru* is the data structure for the transfer. The following are the values for *stru*:

- F file structure
- R record structure

*mode* is the transmission mode. The following are the values for *mode*:

- S stream mode
- B block mode
- C compressed mode

*type* is the data type. The following are the values for *type*:

- A ASCII
- E EBCDIC

## EZYFS85I • EZYFS86I

**I** binary (image)

**U** UCS2

**B** DBCS

*bytesOut* is the number of bytes transferred on the data connection for this command. If a number is greater than or equal to one gigabyte (that is, 1 073 741 824 bytes), the number is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1 073 741 824 bytes is displayed as 1.00 GB
- 2 147 483 648 bytes is displayed as 2.00 GB
- 2 415 919 104 bytes is displayed as 2.25 GB

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logTRANS

---

**EZYFS85I** ID=*sessionID* TRANS JES JobID=*jobid* DDNAME=*ddname* SpoolFile=*spool*

**Explanation:** This log entry is the first entry made by the FTP server for a data transfer that returns the output from a job when the FTP filetype is JES.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*jobid* is the job identifier associated with the JES job.

*ddname* is the ddname associated with spool file.

*spool* is the name of the spool file.

This message is followed in the log by a message EZYFS84I and EZYFS80I.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logTRANS

---

**EZYFS86I** ID=*sessionID* TRANS Confidence=*confidence\_level*

**Explanation:** This log entry is written by the FTP server to report the confidence level in the successful completion of a file transfer when CHKConfidence TRUE is specified or defaulted to in the server FTP.DATA data set. The preceding message EZYFS81I or EZYFS82I contains the name of the data set or file being stored by the server.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*confidence\_level* is the level of confidence that the FTP server has in the completion of the transfer. Values for *confidence\_level* are:

**High** While successful completion of the transfer cannot be guaranteed, the FTP server did not detect a reason to doubt completion of the transfer.

**NoEOF** The FTP server detected a missing EOF marker in a STRU R or MODE B or C inbound file. This level is reported only when no other problem is detected.

**Low** The FTP server detected a problem with completion of the transfer such as the failure of the client to respond after the transfer or another reported error. Low overrides NoEOF if both conditions are present.



**Unknown**

This confidence level is reported when the direction of the file transfer was outbound. If an error occurs while shutting down the data connection, then confidence in an outbound transfer will be reported as **Low**. In all other cases, the confidence level is reported as **Unknown** because the server cannot perform any other checks on an outbound transfer.

**System action:** FTP continues.

**Operator response:** Check to see whether the transfer completed successfully and retry, if necessary.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logTRANS()

**EZYFS91I** ID=*sessionID* SUBMIT JES JobID=*jobid*

**Explanation:** This log entry is made by the FTP server for a data transfer that submitted a job when the FTP filetype is JES.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*jobid* is the job identifier associated with the JES job. The job identifier is used later by the client end user to retrieve the output of the submitted job.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logSUBMIT

**EZYFS92I** ID=*sessionID* QUERY SQL filename=*filename*

**Explanation:** This log entry is the first entry made for a data transfer of a report requested when the FTP filetype is SQL.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*filename* is the full z/OS UNIX file name or MVS data set name that contains the select statement used to make the query.

This message is followed in the log by messages EZYFS84I and EZYFS80I.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logQUERY

**EZYFS95I** ID=*sessionID* ABEND *action* COMP\_CODE=*code* DSN=*dsname*

**Explanation:** This log entry records the system completion code when an ABEND occurs during an event for an MVS data set.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* is the name of the operation in progress when the failure occurred. The values are READ, WRITE, and CLOSE.

*code* is the ABEND completion code.

## EZYFT01I • EZYFT04E

*dsname* is the full MVS name of the data set.

The following is an example of an ABEND message that occurs when the receiving data set is too small to hold the data that is transferred:

```
EZYFS95I ID=FTPDJG100001 ABEND WRITE COMP_CODE=D37-04 DSN=USER33.TOOBIG
```

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** See the *z/OS MVS System Codes* for the system programmer response for the completion code in this message.

**Module:** EZAFTPBU

**Procedure Name:** logABEND

---

### EZYFT01I Unable to open message catalog '*message catalog*'. *error text*. Using FTP's default messages.

**Explanation:** An attempt was made to open the FTP server's message catalog (named '*ftpdmsg.cat*') in the directory determined by the NLSPATH and LANG environment variables, but the catalog could not be opened for the reason explained in *error text*.

**System action:** Processing continues. Default messages will be used.

**Operator response:** None.

**System programmer response:** If a message catalog is desired, stop the server, correct the problem as indicated by the *error text*, and restart the server.

**Module:** EZAFTPDM

---

### EZYFT02E Filename exceeds maximum valid length of *max*.

**Explanation:** The FTP server was processing a statement in the FTP.DATA file that requires a file name, such as SBDATACONN or SOCKSCONFIGFILE. The file name specified is longer than *max* characters. This message is preceded by message EZYFT46E which locates the error in the FTP.DATA file. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** Correct the file name provided on the statement in the FTP.DATA file. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

### EZYFT04E Invalid syntax. The syntax must be: (value1,value2)

**Explanation:** The value provided for a statement in the FTP.DATA file does not have valid syntax. This message is preceded by message EZYFT46E which locates the error in the FTP.DATA file.

**System action:** The statement is ignored. Processing continues.

**Operator response:** Contact the System programmer with both messages to have the FTP.DATA file corrected.

**System programmer response:** Use the EZYFT46E message to locate the error in the FTP.DATA file, and correct the error described by this message.

**System action:** Processing continues.

**Module:** EZAFTPEP

---

---

**EZYFT05I** *Volume\_serial\_list* is not a valid VOLUME parameter.

**Explanation:** While processing the VOLUME statement in the FTP.DATA file, a syntax error was detected in *volume\_serial\_list*.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues.

**Operator response:** Contact the System programmer with the error message to correct the FTP.DATA file.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for *volume\_serial\_list*. See the *z/OS Communications Server: IP Configuration Reference* for more information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

---

**EZYFT06I** Using internal messages for replies because there is no reply catalog available.

**Explanation:** FTP was unable to locate or open a reply catalog (ftpdreply.cat). The reply texts contained within the FTP modules will be used for FTP replies.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If an external reply catalog is desired, either place a copy of ftpdreply.cat in the 'C' subdirectory of your nlspace, or use the REPLYLANGUAGE parameter in the FTP.DATA file to establish one or more reply catalogs to be used. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZYFT07E** UMASK value '*value*' not a valid octal value

**Explanation:** The value, *value*, specified for the UMASK keyword in the FTP.DATA configuration file was not a valid 3 character octal number. The value of the UMASK keyword must be a 3 character octal number in the range of 000 - 777.

**System action:** The keyword is ignored. Processing continues with the next keyword.

**Operator response:** Notify the system programmer of the problem.

**System programmer response:** Correct the value specified for UMASK in the FTP.DATA file. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZYFT08W** Unable to get port number from etc.services : *error*

**Explanation:** The FTP server was unable to retrieve its port number from the etc.services file. *error* is the error message returned by the C run-time library for the failing getservbyname() routine.

**System action:** Processing continues. The FTP server will attempt to use either the value of the PORT start option, if specified, or the default port of port 21.

**Operator response:** None.

**System programmer response:** Verify the search path to the ETC.SERVICES file and verify that an entry exists in the appropriate ETC.SERVICES file for FTP. If the PORT start option is specified, or if PORT 21 is an acceptable default port, this message may be ignored. Otherwise, add an entry for the ftp server to the appropriate etc.services file. Refer to the *z/OS Communications Server: IP Configuration Reference* information about configuring the etc.services file for the FTP server.

**Module:** EZAFTPDM

---

## EZYFT09I • EZYFT15E

---

**EZYFT09I** system information for *nodename: sysname version version release release (machine)*

**Explanation:** This is an informational message describing the MVS host which the ftp server is running on. *nodename* is the name of the node within an implementation-specified communication network. *sysname* is the name of the implementation of the operating system. *version* is the version level of the operating system. *release* is the release level of the operating system. *machine* is the name of the hardware type the system is running on.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

---

**EZYFT12E** socket error : *error*

**Explanation:** The ftp server encountered an error while attempting to create the socket for the control port. *error* is the C run-time library error message returned for the failing socket() call.

**System action:** If TCP/IP is not available (resource temporarily unavailable), the FTP server will try again in 60 seconds. If any other error has occurred, the FTP server is ended with exit code 0012.

**Operator response:** None.

**System programmer response:** If *error* indicates that a resource is temporarily unavailable, ensure that TCP/IP has been started. Otherwise, correct the error indicated by *error* and restart the FTP server.

**Module:** EZAFTPSK

---

**EZYFT13E** bind error : *error*

**Explanation:** The ftp server encountered an error while attempting to bind the socket for the control port. *error* is the C run-time library error message returned for the failing bind() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSD

---

**EZYFT14E** listen error : *error*

**Explanation:** The ftp server encountered an error while attempting to listen on the socket for the control port. *error* is the C run-time library error message returned for the failing listen() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSK

---

**EZYFT15E** selectex error : *error*

**Explanation:** The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing selectex() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSK

---

---

**EZYFT16E** accept error : *error*

**Explanation:** The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing accept() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSK

---

**EZYFT17E** getsockname error : *error*

**Explanation:** The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing getsockname() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSK

---

**EZYFT18I** Using catalog '*catalog*' for FTP messages.

**Explanation:** The messages issued by FTP server or client is retrieved from the message catalog in *catalog*.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM and EZAFTPCY

---

**EZYFT19E** Unrecognized code page name: '*name*'

**Explanation:** A CTRLCONN statement in the FTP.DATA file has an invalid value. Valid values include '7bit' or name of a code set that is recognized as part of the code set converters used by z/OS UNIX System Services. This message follows message EZYFT46E that provides the location of the error.

**System action:** The statement is ignored. Processing continues.

**Operator response:** None.

**System programmer response:** Use EZYFT46E to locate the error within the FTP.DATA file. Refer to "Code Set Converters Supplied" in *z/OS XL C/C++ Programming Guide* for a list of recognized code pages. The code page name must be entered exactly as it appears in the list.

**Module:** EZAFTPEP

---

**EZYFT20E** Invalid parameter length. Maximum length for parameter 1 is *max1*. Maximum length for parameter 2 is *max2*.

**Explanation:** An invalid parameter length was encountered while processing a statement in the FTP.DATA file. This message follows message EZYFT46E which provides the location of the error.

**System action:** The line in FTP.DATA containing the error is ignored. Processing continues.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZYFT21I Using catalog 'file' for FTP replies.**

**Explanation:** The FTP replies sent to the client by the FTP server will be retrieved from the catalog in *file*.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPEP

---

**EZYFT22E Unexpected end of file.**

**Explanation:** The FTP server was attempting to load a translation table, but an unexpected end of file occurred while attempting to read the file. This message will be preceded by message EZY2689E which will identify the file being read at the time of the error.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** None.

**System programmer response:** Determine why end of file was encountered. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

**Module:** EZAFTPDY

---

**EZYFT23E No conversion available between CTRLCONN parameter ('parameter') and the FTP server's code page ('codepage').**

**Explanation:** The FTP server was processing a CTRLCONN parameter in the FTP.DATA file. The parameter value (*parameter*) does not indicate a valid ASCII choice for establishing translate tables for FTP's control connection. Valid values include '7bit' (specified in lower, upper, or mixed case) and single-byte ASCII code set names that are recognized by the iconv function.

**System action:** The CTRLCONN statement is ignored. The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** None.

**System programmer response:** If an iconv-generated translate table is desired for the control connection, correct the CTRLCONN statement and restart the FTP server. Refer to *z/OS XL C/C++ Programming Guide* for information about supported code set converters and the code set names recognized by iconv.

**Note:** If the FTP server is running in a double-byte code page, the CTRLCONN parameter cannot be used to establish translate tables for the control connection.

**Module:** EZAFTPNX

---

**EZYFT24E Unable to set up conversion between 'page1' and 'page2'.**

**Explanation:** The FTP server was processing either a CTRLCONN or SBDATACONN parameter in the FTP.DATA file. A code set converter was successfully opened, but an error occurred while attempting to set up single-byte translate tables using the indicated code sets *page1* and *page2*.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** None.

**System programmer response:** Valid code sets are listed in the *z/OS XL C/C++ Programming Guide* in the section about the code set converters supplied. If the requested code sets are double-byte code sets, the use of CTRLCONN or SBDATACONN to establish translate tables is not supported, and the statement should be removed from the FTP.DATA file. FTP validates the results of ICONV and returns an error if there are missing code points. If the code sets are valid single-byte code sets, an internal error has occurred. Contact the IBM Software Support Center with this message and the FTP trace output, if it is available.

Module: EZAFTPX

**EZYFT25I Using file for FTP translation tables for the control connection.**

**Explanation:** *file* is the name of the file that was used to set up the translate tables for the control connection.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

Module: EZAFTPX

**EZYFT26I Using 7-bit conversion derived from 'codeset1' and 'codeset2' for the control connection.**

**Explanation:** The FTP server has processed a CTRLCONN statement in the FTP.DATA file. The statement indicated a 7-bit table was desired. The code set *codeset1* was used for the ASCII code set, and *codeset2* was used for the EBCDIC code set, but only 7-bit translations appear in the translate table.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

Module: EZAFTPX

**EZYFT27I Using conversion between 'codeset1' and 'codeset2' for the control connection.**

**Explanation:** The FTP server has processed a CTRLCONN statement in the FTP.DATA file. The translate table for the control connection was built using code set *codeset1* for the ASCII code set, and *codeset2* for the EBCDIC code set.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

Module: EZAFTPX

**EZYFT28W Unable to use iconv to establish default translate tables for the control connection. Using internal tables.**

**Explanation:** FTP was unable to use iconv to build 7-bit translate tables based on ISO8859-1 and the current host code set. Internal 7-bit tables will be used. This will occur if the FTP server is running in a double-byte code page and no other translate tables were found in the search order.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** If the FTP server is running in a single-byte code page, an internal error has occurred. Contact the IBM support center with this error message and the output from the FTP server trace.

Module: EZAFTPX

**EZYFT29I Using conversion between 'codeset1' and 'codeset2' for the data connection.**

**Explanation:** The FTP server has processed a SBADATACONN statement in the FTP.DATA file. The translate table for the data connection was built using code set *codeset1* for the EBCDIC code set, and *codeset2* for the ASCII code set.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

Module: EZAFTPX



## EZYFT30E • EZYFT33I

---

**EZYFT30E** No conversion available between SBDATACONN parameters: '*parm1*' and '*parm2*'.

**Explanation:** The FTP server was processing an SBDATACONN parameter in the FTP.DATA file. There is no supported code set converter for the code sets *parm1* and *parm2*. Valid code sets for the first SBDATACONN parameter include the single-byte EBCDIC code set names recognized by the iconv function; valid code sets for the second parameter include the single-byte ASCII code set names.

**System action:** The SBDATACONN statement is ignored. The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translation tables set up for the control connection will also be used for the data connection.

**Operator response:** None.

**System programmer response:** If an iconv-generated translate table is desired for the data connection, correct the SBDATACONN statement and restart the FTP server. Refer to *z/OS XL C/C++ Programming Guide* for information about supported code set converters and the code set names recognized by iconv.

**Module:** EZAFTPNX

---

**EZYFT31I** Using *file* for FTP translation tables for the data connection.

**Explanation:** *file* is either the file name or the ddname for the file that was used to build the translate tables for the data connection.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPNX

---

**EZYFT32I** Using the same translate tables for the control and data connections.

**Explanation:** The FTP server was not able to set up translate tables following the search order for the data connection: DD: SYSFTSX, SBDATACONN or XLATE in FTP.DATA, TCPXLBIN file. The same translate table established for the control connection will also be used for the data connection.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPNX

---

**EZYFT33I** Unable to open DDNAME '*ddname*' for the data connection: *reason*

**Explanation:** The FTP server attempted to open *ddname* for data connection translate tables, but the open failed for the specified reason.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translate tables set up from the control connection will also be used for the data connection.

**Operator response:** If *ddname* is the desired file, correct the error specified by *reason*. If the desired translation table is further in the search order, no action is necessary.

**System programmer response:** If *ddname* is the desired file, correct the error specified by *reason*. If the desired translation table is further in the search order, no action is necessary.

**Module:** EZAFTPNX

---



---

**EZYFT34W** Sigaction for *signal* failed : *error* (*errno*/*errnojr*)

**Explanation:** The FTP server encountered an error while attempting to setup the signal handler for the signal specified by *signal*. If the signal handler is not correctly enabled, the server will continue processing, but certain functions controlled by the failing signal will not function properly. Functions controlled by the signals are:

- SIGABND** handler controls error reporting and cleanup functions when an abend occurs. If sigaction fails for SIGABND and an abend occurs, trace information about the abend will be lost and certain resources might not be properly cleaned up.
- SIGCHLD** handler controls cleanup of zombie processes when a client connection is ended. If sigaction fails for SIGCHLD, zombie processes will not be cleaned up when a client connection is ended.
- SIGTERM** handler controls cleanup of resources during termination. If sigaction fails for SIGTERM, the FTP server will not be cleanly terminated when an MVS operator STOP command is issued or when the server process is killed.
- SIGURG** handler controls the processing of Out of Band data, such as the ABOR subcommand. IF sigaction fails for SIGURG, OOB data will not be received or processed by the server.

*error* is the error returned by the C run-time library for the failing sigaction() call.

*errno* is the UNIX System Services return code. These return codes are listed and described in the return codes (*errno*s) information in *z/OS UNIX System Services Messages and Codes*.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (*Errnojr*s) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues; however, the functions controlled by the failing signal will not function properly.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM, EZAFTPRX, EZAFTPHC

---

**EZYFT40E** FTP server initialization failed - *error*

**Explanation:** The FTP server was unable to successfully complete initialization. *error* is the error returned by the C Runtime Library for the failing function.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPDM

---

**EZYFT41I** Server-FTP: process id *pid*, server job name *jobname*

**Explanation:** This is an information message indicating the process ID (*pid*) and the server job name (*jobname*) of the FTP server after initialization has completed. The jobname can be used in an MVS operator STOP command to stop the FTP server, or in an MVS operator MODIFY command to control tracing for the ftp server. The process ID can be used in an OMVS "kill" command to terminate the server. The process ID can also be used to identify trace entries for the FTP server in the SYSLOGD output files.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPSK

---

## EZYFT42E • EZYFT46E

---

**EZYFT42E** Unable to use file '*file*' for translate tables for the data connection.

**Explanation:** The FTP server was unable to load the translate tables from the file *file* that was specified by an SBDATACONN or XLATE statement in the FTP.DATA file. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

**System action:** The SBDATACONN or XLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translation tables set up for the control connection will also be used for the data connection.

**Operator response:** None.

**System programmer response:** If file specified by the SBDATACONN or XLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

**Module:** EZAFTPNX

---

**EZYFT43E** Unrecognized LOADDBCSTABLES parameter: *parameter*. Parameter ignored.

**Explanation:** The LOADDBCSTABLES statement in the TCPIP.DATA file contains an invalid parameter (*parameter*).

**System action:** The parameter is ignored by FTP. The rest of the parameters on the statement are processed. Processing continues.

**Operator response:** None.

**System programmer response:** Correct the LOADDBCSTABLES statement in the TCPIP.DATA file. If the needed keywords were not already present in the LOADDBCSTABLES statement, stop and restart the FTP server.

**Module:** EZAFTPDM

---

**EZYFT44E** Translate table is too small.

**Explanation:** The FTP server encountered an error while processing a TCPXLBIN file. The file must be exactly 768 bytes in length.

**System action:** The FTP server continues through the translate table search order, attempting to find a valid translation table.

**Operator response:** None.

**System programmer response:** Verify that the TCPXLBIN file being used has the correct format.

**Module:** EZAFTPDY

---

**EZYFT45E** Translate table is too large.

**Explanation:** The FTP server encountered an error while processing a TCPXLBIN file. The file must be exactly 768 bytes in length.

This error will occur if a valid translate table is copied and line control characters are added for each line of the table. (That is, the size of the table is now 771 bytes.)

**System action:** The FTP server continues through the translate table search order, attempting to find a valid translation table.

**Operator response:** None.

**System programmer response:** Verify that the TCPXLBIN file being used has the correct format.

**Module:** EZAFTPDY

---

**EZYFT46E** Error in name file: line *line\_number* near column *column\_number*

**Explanation:** An error was detected in the FTP.DATA file. *name* is the name of the file being used as the FTP.DATA file. This will be either "DD:SYSFTPD", indicating that the FTP.DATA file is the one specified by the SYSFTPD DD statement, or it will be the actual file name if the FTP.DATA file was not the one specified on the SYSFTPD DD

statement. *line\_number* is the number of the line in the FTP.DATA file which contains the error. *column\_number* is the approximate location of the error within the line.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** This message should be followed by another message which describes the error. Contact the System programmer with both messages to have the FTP.DATA file corrected.

**System programmer response:** This message should be followed by another message which describes the error. Correct the error described by the second message.

**Module:** EZAFTPEP

**EZYFT47I** *ftp\_data* file, line *line\_number*: Ignoring keyword "*keyword*".

**Explanation:** While processing the FTP.DATA file, the FTP server encountered a keyword that was valid for another FTP server or the FTP client, but that is unsupported by this server. Or, the FTP server is ignoring *keyword* because it is inconsistent with another keyword in FTP.DATA.

| In the message text:

| *ftp\_data*

|     The name of the file being used as the FTP.DATA file.

| *line\_number*

|     The number of the line in the FTP.DATA file that contains the error.

| *keyword*

|     The FTP configuration statement that is being ignored.

These keywords are ignored when the default or explicit ANONYMOUSLEVEL value does not support the keyword:

ANONYMOUSHFSFILEMODE  
 ANONYMOUSHFSDIRMODE  
 ANONYMOUSFILETYPEJES  
 ANONYMOUSFILETYPESEQ  
 ANONYMOUSFILETYPESQL  
 EMAILADDRCHECK  
 ANONYMOUSFILEACCESS

These keywords are ignored when ANONYMOUS is not explicitly defined in FTP.DATA.

ANONYMOUSHFSFILEMODE  
 ANONYMOUSHFSDIRMODE  
 ANONYMOUSFILETYPEJES  
 ANONYMOUSFILETYPESEQ  
 ANONYMOUSFILETYPESQL  
 EMAILADDRCHECK  
 ANONYMOUSFILEACCESS  
 ANONYMOUSLEVEL

| These keywords are ignored when the TLSMECHANISM ATTLS parameter is explicitly defined in FTP.DATA.

|     KEYRING

|     CIPHERSUITE

|     TLSTIMEOUT

**System action:** The FTP server ignores the keyword.

**Operator response:** Contact the system programmer.

**System programmer response:** If the FTP.DATA file is used only by the FTP server, and is not shared with another server or client that needs the keyword, remove the keyword from the FTP.DATA file. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

## EZYFT48E • EZYFT53E

---

**EZYFT48E** Error opening STDOUT or STDERR to /dev/null : *error*

**Explanation:** During FTP server initialization, the FTP server attempted to open STDOUT and STDERR to /dev/null. The open was unsuccessful. *error* is the error message returned by the C run-time library.

**System action:** The FTP server continues; however, without the STDOUT or STDIN file the LIST and NLST commands will be rejected for z/OS UNIX files.

**Operator response:** Contact the system programmer.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPDM

---

**EZYFT49I** Statement *statement* parameter must be one of the following: *list\_of\_supported\_parameters*

**Explanation:** A statement in FTP.DATA is coded with a parameter that is not supported.

*statement* is the statement that is coded incorrectly.

*list\_of\_supported\_parameters* is a list of parameters that are supported for this statement.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Change statement in FTP.DATA file to specify a supported parameter. Refer to *z/OS Communications Server: IP Configuration Reference* for information about supported parameters for statements coded in FTP.DATA.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

---

**EZYFT50E** JESRECFM value must be one of: F, V, or \*.

**Explanation:** While processing the FTP.DATA file, the FTP server encountered the JESRECFM parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

**System action:** The line containing the JESRECFM parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the JESRECFM parameter in the FTP.DATA file to be a valid record format. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZYFT53E** Unable to execute FTP server load module *module* : *reason*

**Explanation:** The FTP server issued an execv() for the load module named *module* but the execv() failed for the specified reason. The FTP server is unable to process incoming connections.

**System action:** The FTP session for the connecting client is ended. The FTP daemon remains active, awaiting client connections.

**Operator response:** Contact the system programmer.

**System programmer response:** Correct the error indicated by *reason*.

**Module:** EZAFTPSK

---

---

**EZYFT54E** FTP initialization terminated because TCP/IP Base feature of OS/390 is not enabled.

**Explanation:** The FTP server attempted to register as product=OS/390 feature=TCP/IP\_BASE but IFAPRDxx parmlib member does not indicate that the feature TCP/IP\_BASE is enabled. This FTP server will only run if TCP/IP\_BASE is enabled.

**System action:** The FTP initialization is ended.

**Operator response:** Contact the system programmer.

**System programmer response:** Correct the IFAPRDxx parmlib member if it is in error and restart the FTP daemon. If TCP/IP\_BASE is not part of your system there is no action to take and this FTP server cannot be used.

**Module:** EZAFTPDM

---

**EZYFT55E** STARTDIREctory value must be either MVS or HFS.

**Explanation:** While processing the FTP.DATA file, the FTP Server encountered the STARTDIREctory parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

**System action:** The line containing the STARTDIREctory parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the STARTDIREctory parameter in the FTP.DATA file to be a valid column heading. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZYFT56W** Unable to register with WLM, diagnostic code = *reason*

**Explanation:** While processing the FTP.DATA file, the keyword WLMClustername was encountered. Processing this keyword has failed.

*reason* is the decimal reason code returned from the WLM sysplex registration service IWMSRSRG. See *z/OS MVS Programming: Workload Management Services* for an explanation of *reason*.

**System action:** The line containing the WLMClustername parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Use the explanation of *reason* to correct the error.

---

**EZYFT57I** FTP registering with WLM as group = *group* host = *host*

**Explanation:** FTP has registered with WLM to create a new name in the DNS database. The group name in this message can now be used by FTP clients to connect to any in an equivalent group of FTP servers running in a sysplex. This is done to balance connections.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

---

**EZYFT58W** SMF STD overrides *smfxxxx* on line *line*

**Explanation:** While processing the FTP.DATA file, the FTP Server encountered both SMF STD and SMFxxxx. If SMF STD is coded, none of the SMFxxxx options can be coded.

**System action:** The line containing the smfxxxx option is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** If using SMF STD, remove all SMFxxxx options from FTP.DATA. Refer to the *z/OS*

## EZYFT59I • EZYFT62E

*Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

### EZYFT59I FTP shutdown complete.

**Explanation:** The FTP daemon has been terminated either by an MVS operator STOP command, or by an OMVS kill command. No new FTP sessions will be accepted.

**System action:** The FTP daemon ends. Any FTP sessions currently active are not effected.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDH

---

### EZYFT60I Both CCXLATE and CTRLCONN were specified. CCXLATE will be ignored.

**Explanation:** The FTP daemon has encountered both CCXLATE and CTRLCONN keywords in FTP.DATA. Each is used to specify an initial translate table for the control connection, but CTRLCONN is preferred. When both keywords are present in FTP.DATA, the CTRLCONN value will be used for the server configuration and the CCXLATE value will be ignored.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** To avoid this message, remove either the CCXLATE or CTRLCONN statement from the FTP.DATA file.

**Module:** EZAFTPEP

---

### EZYFT61I Both XLATE and SBADATACONN were specified. XLATE will be ignored.

**Explanation:** The FTP daemon has encountered both XLATE and SBADATACONN keywords in FTP.DATA. Each is used to specify the initial translate table for the data connection, but SBADATACONN is preferred. When both keywords are present in FTP.DATA, the XLATE value will be ignored. The SBADATACONN value will be used for the server configuration unless DD:SYSFTSX has been defined.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** To avoid this message, remove either the XLATE or SBADATACONN statement from the FTP.DATA file.

**Module:** EZAFTPEP

---

### EZYFT62E Unable to use file 'file' for translate tables for the control connection.

**Explanation:** The FTP server was unable to load the translate tables from the file *file* that was specified by a CCXLATE statement in the FTP.DATA file. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

**System action:** The CCXLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, default 7-bit translate tables will be built.

**Operator response:** None.

**System programmer response:** If file specified by the CCXLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

**Module:** EZAFTPNX

---



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**EZYFT63E** Unable to use CCXLATE configuration parameter *name*

**Explanation:** The FTP server was unable either to locate or to use the file determined by the CCXLATE statement in the FTP.DATA file. (The file name is *hlq.name.TCPXLBIN* unless this name was superseded by an environment variable called *\_FTPXLATE\_name* that defines a file name.) This message will be preceded or followed by another message with additional information. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

**System action:** The CCXLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, default 7-bit translate tables will be built.

**Operator response:** None.

**System programmer response:** If file specified by the CCXLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

**Module:** EZAFTPXX

---

**EZYFT64E** Unable to use XLATE configuration parameter *name*

**Explanation:** The FTP server was unable either to locate or to use the file determined by the XLATE statement in the FTP.DATA file. (The file name is *hlq.name.TCPXLBIN* unless this name was superseded by an environment variable called *\_FTPXLATE\_name* that defines a file name.) This message will be preceded or followed by another message with additional information. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

**System action:** The XLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translate tables established for the control connection will also be used for the data connection.

**Operator response:** None.

**System programmer response:** If file specified by the XLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

**Module:** EZAFTPXX

---

**EZYFT65E** Filename defined by environment variable *variable* exceeds the maximum length of *length*

**Explanation:** The FTP.DATA file contains a 'CCLXATE *name*' (or 'XLATE *name*') statement to specify translate tables for the control (or data) connection, but the *\_FTPXLATE\_name* environment variable defines a file name that is too long and cannot be used for the translate tables file. This message will be followed by another message that displays the CCXLATE (or XLATE) parameter from FTP.DATA.

**System action:** The CCXLATE (or XLATE) statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table.

**Operator response:** None.

**System programmer response:** If tracing was active when the FTP server was initialized, all existing environment variables will be displayed in the trace. Ensure that the *\_FTPXLATE\_name* variable is correct and that it specifies a file name that is not longer than *length* characters.

**Module:** EZAFTPXX

---

**EZYFT67E** UCOUNT value *value* is not valid. Value must be P, or an integer from 1 through 59.

**Explanation:** While processing the FTP.DATA file, the server encountered the UCOUNT parameter with a value that was not a numeric value from 1 through 59, nor was it the letter P. Only values 1 to 59, or the letter P, are valid values for the UCOUNT parameter.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

## EZYFT68I • EZYFT71E

**System programmer response:** Correct the FTP.DATA file to contain a correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

---

### EZYFT68I ANONYMOUSFILEACCESS value must be MVS, HFS, or BOTH

**Explanation:** While processing the FTP.DATA file, the ANONYMOUSFILEACCESS parameter was encountered with a value other than MVS, HFS, or BOTH. These are the only valid values for ANONYMOUSFILEACCESS.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the statement in the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

**Procedure Name:** read\_ftpdata()

---

### EZYFT69I *parameter value value is not valid -- parameter value must be three octal digits*

**Explanation:** While processing the FTP.DATA file, a parameter was encountered that requires a 3-digit octal value. The actual value specified, *value*, is not three octal digits. *Parameter* is the parameter in error.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

---

### EZYFT70I SERVER-FTP: ACCEPTING CONNECTIONS

**Explanation:** The FTP Server is accepting connections from all known common INET (CINET) stacks. This message appears when the MVS operator has just started a CINET stack, and the FTP server has recognized the new stack as well as other CINET stacks active at the time.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPSD

---

### EZYFT71E *operation failed in function - error*

**Explanation:** The FTP server encountered a severe error.

*operation* is the operation in progress.

*function* is the C Library function that failed and returned an error.



*error* is the C run-time library error message for the failure. For more information, refer to *z/OS Language Environment Run-Time Messages*.

**System action:** The FTP server ends.

**Operator response:** Contact the system programmer.

**System programmer response:** Correct the error indicated by *error*. If you are unable to resolve the problem, contact the IBM Software Support Center and report the contents of this message.

**Module:** N/A

**Procedure Name:** N/A

#### EZYFT72I FTP SERVER SUSPENDING INCOMING CONNECTIONS

**Explanation:** The FTP server stopped accepting incoming connections because a common INET (CINET) stack just started. While the FTP server is reinitializing, no connections can be accepted. This condition is temporary. Message EZYFT70I will follow when the FTP server is accepting connections again.

**System action:** Processing continues.

**Operator response:** Wait for message EZYFT70I before attempting to connect to the FTP server.

**System programmer response:** None.

**Module:** EZAFTPSD

#### EZYFT73I ANONYMOUS LOGINS NOT ALLOWED -- REASON IS *reason code*

**Explanation:** The FTP server found the ANONYMOUS statement in FTP.DATA; however, the server is not allowing anonymous logins due to an FTP configuration error. The *reason code* indicates the nature of the configuration error. Furthermore, the FTP trace will contain messages further describing the error. When reason code is:

- 1 The FTP daemon was unable to locate the anonymous root directory. A possible reason for this is the userid specified on the ANONYMOUS statement is not defined in the user database.
- 2 The FTP daemon was unable to locate the executable file *ls* in the bin subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the *z/OS Communications Server: IP User's Guide and Commands*.
- 3 The FTP daemon was unable to locate the executable file *sh* in the bin subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the *z/OS Communications Server: IP User's Guide and Commands*.
- 4 The FTP daemon was unable to locate the executable file *ftpdns* in the /usr/sbin/ subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the *z/OS Communications Server: IP User's Guide and Commands*.
- 5 ANONYMOUSLEVEL value must be greater than or equal to 3 to support the SURROGATE parameter as an anonymous password.

**System action:** FTP logs the reason it is not allowing anonymous logins. FTP continues processing. Attempts to log in as userid **anonymous** will fail.

**Operator response:** Report the error to the system programmer.

**System programmer response:** If you do not want the FTP server to accept anonymous logins, remove the ANONYMOUS statement from FTP.DATA. If you do want the FTP server to accept anonymous logins, correct the error indicated by *reason code*. Inspecting the FTP trace for error messages related to not allowing anonymous logins might provide useful information. Trace must be active at startup to capture error messages related to anonymous FTP configuration. Refer to *z/OS Communications Server: IP User's Guide and Commands* for information about configuring the FTP server for anonymous logins.

**Module:** EZAFTPDM

#### EZYFT74I Using internal translate tables for the control connection.

**Explanation:** A CTRLCONN statement in the FTP.DATA file specified a value of FTP\_STANDARD\_TABLE. FTP will use its internal translate tables, which are the same as the tables that are shipped in TCPXLBIN(STANDARD), for the control connection.

## EZYFT75I • EZYFT78I

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPNX

---

### EZYFT75I Using internal translate tables for the data connection.

**Explanation:** An SBDATACONN statement in the FTP.DATA file specified a value of FTP\_STANDARD\_TABLE. FTP will use its internal translate tables, which are the same as the tables that are shipped in TCPXLBIN(STANDARD), for the data connection.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPNX

---

### EZYFT76I EXTensions value *value* not recognized.

**Explanation:** While processing the FTP.DATA file, the server encountered the EXTensions statement with a value that was not SIZE, MDTM, REST\_STREAM, AUTH\_GSSAPI, AUTH\_TLS, or UTF8. Only these values are valid for the EXTensions parameter.

*value* is the value encountered.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues.

**Operator response:** Contact the system programmer with the error message to correct the FTP.DATA file.

**System programmer response:** Correct the FTP.DATA file to contain a valid value for the specified parameter. See the *z/OS Communications Server: IP Configuration Reference* for information about the statements of the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpData

---

### EZYFT77W Unable to set address space nonswappable - error

**Explanation:** The FTP daemon was unable to set its address space to nonswappable as requested in the FTP.DATA file.

*error* is the error message returned by the C run-time library for the failing \_\_mlockall() routine.

**System action:** Processing continues. The FTP daemon will run with swappable memory.

**Operator response:** None.

**System programmer response:** Determine the meaning of the error message using *z/OS Language Environment Run-Time Messages*. If the text of the message is EDC5139I Operation not permitted then verify that the daemon (FTPD) has at least READ access to the FACILITY class resource BPX.STOR.SWAP. Refer to *z/OS Communications Server: IP Configuration Reference* for information about configuring the FTP daemon to be nonswappable.

**Module:** EZAFTPDM

**Procedure Name:** set\_nonswap

---

### EZYFT78I lowport value *lowport* cannot exceed highport value *highport*

**Explanation:** FTP encountered an error while processing a PASSIVEDATAPORTS statement in the FTP.DATA file. The value specified for the lowest allowed port number is greater than the value specified for the highest allowed port number. This is not allowed.

*lowport* is the value specified for the lowest allowed port number.

*highport* is the value specified for the highest allowed port number.

**System action:** The current statement is ignored. FTP continues processing.

**Operator response:** Correct the erroneous statement in the FTP.DATA file, and restart FTP. Refer to the *z/OS Communications Server: IP Configuration Reference* for information about statements in the FTP.DATA file.

**System programmer response:** None.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata()

#### EZYFT80I MODIFY COMMAND IGNORED - NO VALUE WAS SPECIFIED FOR *trace*

**Explanation:** A MODIFY command was issued to the FTP server to change the values for the FTP general trace or for the FTP extended trace. No trace value was specified. A command to change a trace must have at least one value specified.

*trace* is the trace that is being changed and can be one of the following:

##### DEBUG

FTP general trace

**DUMP** FTP extended trace

**System action:** The command is ignored.

**Operator response:** Verify that the MODIFY command was entered correctly. See the *z/OS Communications Server: IP Diagnosis Guide* for information about diagnosing FTP server problems with traces and for the values of the DEBUG and DUMP parameters of the MODIFY command.

**System programmer response:** None.

**Module:** EZAFTPDPF

**Procedure Name:** mvs\_command\_handler

#### EZYFT81I UNSUPPORTED *trace* VALUES - *value\_1* ... *value\_n*

**Explanation:** A MODIFY command was issued to the FTP server to change the values for the FTP general trace or for the FTP extended trace.

*trace* is the trace that is being changed and can be one of the following:

##### DEBUG

FTP general trace

**DUMP** FTP extended trace

The list shows the values that were specified that are not supported.

**System action:** The unsupported values are ignored.

**Operator response:** Verify that the MODIFY command was entered correctly. See the *z/OS Communications Server: IP Diagnosis Guide* for information about diagnosing FTP server problems with traces and for the values of the DUMP parameter of the MODIFY command that apply to JES.

**System programmer response:** None.

**Module:** EZAFTPDPF

**Procedure Name:** mvs\_command\_handler

#### EZYFT82I ACTIVE SERVER TRACES - *name\_1* ... *name\_n*

**Explanation:** This message displays the active FTP server general traces. This message is issued when a MODIFY command is issued to the FTP server to change the values for the FTP general trace.

*name\_x* can be one of the following:

**ACC** access control (logging in)

## EZYFT83I

**CMD** command trace  
**INT** program initialization and termination  
**FLO** function flow  
**FSC(1)** file services -- level 1  
**FSC(2)** file services -- level 2  
**FSC(3)** file services -- level 3  
**FSC(4)** file services -- level 4  
**FSC(5)** file services -- level 5  
**FSC(6)** file services -- level 6  
**FSC(7)** file services -- level 7  
**FSC(8)** file services -- level 8  
**JES** JES processing  
**NONE** no trace is active  
**PAR** parser details  
**SEC** security functions  
**SOC(1)** socket services -- level 1  
**SOC(2)** socket services -- level 2  
**SOC(3)** socket services -- level 3  
**SOC(4)** socket services -- level 4  
**SOC(5)** socket services -- level 5  
**SOC(6)** socket services -- level 6  
**SOC(7)** socket services -- level 7  
**SOC(8)** socket services -- level 8  
**SQL** SQL processing  
**UTL** utility functions

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDPF

**Procedure Name:** mvs\_command\_handler

---

### EZYFT83I ACTIVE SERVER DUMPIDS - *id\_1 ... id\_n*

**Explanation:** A MODIFY command was issued to the FTP server to change the values for the FTP extended trace. This message displays the active FTP server extended trace IDs (DUMPIDS). If no extended trace IDs are active, then the word **NONE.** is displayed.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDPF

**Procedure Name:** mvs\_command\_handler

---

**EZYFT84I** *parameter* **OBSOLETE - USE DUMP TO CONTROL FTP EXTENDED TRACING FOR JES**

**Explanation:** A MODIFY command was issued to the FTP server to enable or disable the FTP extended trace for JES processing.

*parameter* is one of the following:

- JDUMP — enable extended tracing for JES
- NOJDUMP — disable extended tracing for JES

**System action:** The MODIFY command is ignored.

**Operator response:** Refer to the *z/OS Communications Server: IP Diagnosis Guide* for information about diagnosing FTP server problems with Traces and for the values of the DUMP parameter of the MODIFY command that apply to JES.

**System programmer response:** None.

**Module:** EZAFTPDPF

**Procedure Name:** mvs\_command\_handler

---

**EZYFT85I** **PASSIVEDATACONN value must be UNRESTRICTED or NOREDIRECT**

**Explanation:** While processing the FTP.DATA file, the server encountered the PASSIVEDATACONN parameter with a parameter value that was not UNRESTRICTED or NOREDIRECT. The only valid values for the PASSIVEDATACONN parameter are NORESTRICTED and NOREDIRECT.

**System action:** The line containing the error is ignored. The default of UNRESTRICTED will be used. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. For more information, refer to *z/OS Communications Server: IP Configuration Reference*.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

**EZYFT86I** **USER TRACE IS OBSOLETE - *parameter* IS IGNORED**

**Explanation:** A MODIFY command was issued to the FTP server to activate the user trace. The user trace is obsolete and is replaced by the user ID filter for the FTP server general and extended traces.

*parameter* is one of the following:

**UTRACE**

Start user trace

**NOUTRACE**

Stop user trace

**System action:** The MODIFY command is ignored.

**Operator response:** See the *z/OS Communications Server: IP Diagnosis Guide* for information about diagnosing FTP Server problems with traces and for the syntax of the user ID filter for the FTP server general and extended traces.

**System programmer response:** None.

**Module:** EZAFTPDPF

**Procedure Name:** mvs\_command\_handler

---

**EZYFT87I** **VALUE NOT SUPPORTED FOR *trace* STATEMENT**

**Explanation:** A trace statement in FTP.DATA specified a value that is not supported by FTP.

*trace* is one of the following:

## EZYFT89I • EZYFT91I

### DEBUG

FTP general trace

**DUMP** FTP extended trace

**System action:** The statement is ignored.

**Operator response:** See the *z/OS Communications Server: IP Configuration Reference* for more information about the DEBUG and DUMP statements and FTP.DATA data set statements. See the *z/OS Communications Server: IP User's Guide and Commands* for information about changing local site defaults using FTP.DATA for the FTP client.

**System programmer response:** None.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFT89I USERID FILTER - *filter*

**Explanation:** A MODIFY command was issued to the FTP server to change values for the FTP general trace (DEBUG) or extended trace (DUMP).

*filter* is the name of the filter for the userids for which tracing is active.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDF

**Procedure Name:** mvs\_command\_handler

---

### EZYFT90I IPADDR FILTER - *filter*

**Explanation:** A MODIFY command was issued to the FTP server to change values for the FTP general trace (DEBUG) or extended trace (DUMP).

*filter* is the name of the filter for the IP addresses for which tracing is active.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDF

**Procedure Name:** mvs\_command\_handler

---

### EZYFT91I PORTCOMMAND value must be ACCEPT or REJECT

**Explanation:** While processing the FTP.DATA file, the server encountered the PORTCOMMAND parameter with a parameter value that was not ACCEPT or REJECT. The only valid values for the PORTCOMMAND parameter are ACCEPT and REJECT.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the *z/OS Communications Server: IP Configuration Reference* for more information about the PORTCOMMAND parameter.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

---

**EZYFT92I PORTCOMMANDPORT value must be UNRESTRICTED or NOLOWPORTS**

**Explanation:** While processing the FTP.DATA file, the server encountered the PORTCOMMANDPORT parameter with a parameter value that was not UNRESTRICTED or NOLOWPORTS. The only valid values for the PORTCOMMANDPORT parameter are UNRESTRICTED and NOLOWPORTS.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the *z/OS Communications Server: IP Configuration Reference* for more information about the PORTCOMMANDPORT parameter.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

**EZYFT93I PORTCOMMANDIPADDR value must be UNRESTRICTED or NOREDIRECT**

**Explanation:** While processing the FTP.DATA file, the server encountered the PORTCOMMANDIPADDR parameter with a parameter value that was not UNRESTRICTED or NOREDIRECT. The only valid values for the PORTCOMMANDIPADDR parameter are NOREDIRECT and NOREDIRECT.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the *z/OS Communications Server: IP Configuration Reference* for more information about the PORTCOMMANDIPADDR parameter.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

**EZYFT94I ANONYMOUSLEVEL value must be greater than or equal to 3 to support the SURROGATE parameter as an anonymous password**

**Explanation:** In the server FTP.DATA, SURROGATE is defined as the password for anonymous users, and ANONYMOUSLEVEL is less than 3. In order to use SURROGATE as the password for anonymous users, ANONYMOUSLEVEL must be greater than or equal to 3.

**System action:** The line containing the error is ignored. Anonymous logins will be disabled. FTP continues.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Set the ANONYMOUSLEVEL to 3 or greater. See the *z/OS Communications Server: IP Configuration Reference* for more information about ANONYMOUSLEVEL.

**Module:** EZAFTPDM

**Procedure Name:** check\_surrogate\_support

---

**EZYFT95I Server setup for TLS failed**

**Explanation:** The FTP server detected an error condition when it was processing a request for TLS authentication from an FTP client. The error condition prevented the server from completing the request for a TLS protected session.

**System action:** The request for authentication failed. If a secure FTP session is required by the server, the session is active but no commands are accepted until an AUTH command is successfully processed. If a secure FTP session is not required, the session setup continues but the session is not TLS protected.

**Operator response:** Contact the system programmer.

**System programmer response:** Determine the cause of the error by examining the FTP server trace. The SEC trace



## EZYFT96I • EZYFT98I

type should be active before the client attempts to connect to the FTP server. The trace entry that precedes message EZYFT95I in the trace describes the reason for the failure.

The error message is displayed when one of the following has occurred:

- No keyring is defined in the FTP.DATA file for the server or a keyring file name is specified but there is no associated stash file. Refer to *z/OS Communications Server: IP Configuration Reference* for more information about KEYRING.
- One of the TLS setup functions used by the FTP server failed. Refer to *z/OS Cryptographic Service System Secure Sockets Layer Programming* to determine how to obtain diagnostic data for the TLS programming functions.

**Module:** EZAFTPFR, EZAFTPRX

**Procedure Name:** auth, main

---

### EZYFT96I TLS handshake failed

**Explanation:** The FTP server detected an error condition when it was processing a request for TLS authentication from an FTP client. The error condition occurred during the server to client handshake process and prevented the server from completing the request for a TLS protected session.

**System action:** The request for authentication failed. If a secure FTP session is required by the server, the session is active but no commands are accepted until an AUTH command is successfully processed. If a secure session is not required, the session setup continues but the session is not TLS protected.

**Operator response:** Contact the system programmer.

**System programmer response:** Determine the cause of the error by examining the FTP server trace. The SEC trace type and the SOC level 3 trace type must be active before the client attempts to connect to the FTP server. The trace entries that precede this message in this trace describe the reason for the failure.

**Module:** EZAFTPFR, EZAFTPRX

**Procedure Name:** auth, main

---

### EZYFT97I SECURE\_FTP value must be REQUIRED or ALLOWED

**Explanation:** While processing the FTP.DATA file, the server or client encountered the SECURE\_FTP statement with a parameter value that was not REQUIRED or ALLOWED. The only valid values are REQUIRED and ALLOWED.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the *z/OS Communications Server: IP Configuration Guide* for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read\_ftpdata

---

### EZYFT98I SECURE\_LOGIN value must be NO\_CLIENT\_AUTH, REQUIRED, or VERIFY\_USER

**Explanation:** While processing the FTP.DATA file, the server encountered the SECURE\_LOGIN statement with a parameter value that was not NO\_CLIENT\_AUTH, REQUIRED, or VERIFY\_USER. The only valid values are NO\_CLIENT\_AUTH, REQUIRED, and VERIFY\_USER.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the *z/OS Communications Server: IP Configuration Guide* for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP



**Procedure Name:** read\_ftpdata

---

**EZYFT99**    **Domain name unknown. Getaddrinfo() rc** *getaddrinfo\_rc*.

**Explanation:** The FTP server was not able to determine its domain name because the getaddrinfo() resolver call failed.

*getaddrinfo\_rc* is the return code from getaddrinfo(). See the *z/OS XL C/C++ Run-Time Library Reference* for information about getaddrinfo() return codes.

**System action:** FTP continues processing. The host domain name will not be known to the server.

**Operator response:** Contact the system programmer with the error.

**System programmer response:** Ensure that the host name is accessible through a name server, or defined in a local hosts or ipnodes data set. Refer to the *z/OS Communications Server: IP Configuration Guide* for information about domain name systems, local hosts data sets, and ipnodes data sets.

**Module:** ezaftpsd

**Procedure Name:** handle\_client\_socket()



---

## Chapter 9. EZYP<sub>xxxx</sub> messages

---

### **EZYPR001** There were no records to satisfy the request

**Explanation:** No records matching the selection criteria were found.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQ

---

### **EZYPR002** Invalid Trace Option, please enter a 1 or 2

**Explanation:** The value specified in the Trace Option field is not valid.

**System action:** The system continues processing.

**Operator response:** Specify a valid value in the Trace Option field and reissue the request. A valid trace option is a "1" or "2".

**System programmer response:** None.

**Module:** EZAPPDGP

---

### **EZYPR003** Invalid Confirm option, please enter a "/" or clear field

**Explanation:** The value specified in the Confirm option field is not valid.

**System action:** The system continues processing.

**Operator response:** Specify a valid value in the Confirm option field and reissue the request. A valid confirm option is a "/" or blank.

**System programmer response:** None.

**Module:** EZAPPDCP

---

### **EZYPR004** Dataset name must be in valid dataset format

**Explanation:** The data entered for the data set name contains an invalid character.

**System action:** The system continues processing.

**Operator response:** Enter valid data for the data set name field. The data set name must follow the standard TSO data set naming rules. See *z/OS TSO/E User's Guide* for more information.

**System programmer response:** None.

**Module:** various

---

### **EZYPR005** Delete request for the record was canceled

**Explanation:** A delete request was issued for a selected record, but it was canceled by the user. As a result, the record is not deleted.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** various

---

**EZYPR006 Queue record requested not found**

**Explanation:** The requested queue file record cannot be processed because it does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPQ

---

**EZYPR007 Table has mismatched record(s); record refresh was issued.**

**Explanation:** For one or more queue file records, a requested operation was not performed because of a mismatch between the data shown on the NPF Queue List panel and the data currently in the record.

**System action:** For each mismatched record, the requested operation is not performed; the data on the NPF Queue List panel is updated to match the current record data, and a '?' is displayed in the Action column.

**Operator response:** For each mismatched record, check the updated data on the Queue List panel to determine if the requested operation is still needed. If so, repeat the request.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR008 Incorrect call to EZAPPQ**

**Explanation:** An invalid call to module EZAPPQ from panel EZAPPMP was issued. Expected parameters in the call might have been missing.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact the IBM Software Support Center.

**Module:** EZAPPQ

---

**EZYPR009 Cannot create queue table**

**Explanation:** An error occurred during the creation of a queue table. The queue table is used for displaying the list of queue records.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact the IBM Software Support Center.

**Module:** EZAPPQ

---

**EZYPR010 Queue file open failed**

**Explanation:** Either the queue file cannot be opened, access to the queue file is denied, or the queue file does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Verify the existence of the queue file. If it exists, then determine if the queue file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the queue file is not read-protected and the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPQ

---

---

**EZYPR011 Queue file read failed**

**Explanation:** An error occurred during the attempt to read a queue file record from the queue file.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact the IBM Software Support Center.

**Module:** EZAPPQ

---

**EZYPR014 Queue file update failed**

**Explanation:** A requested update to a queue file record could not be completed because of an I/O error.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Determine the cause of the I/O error and take appropriate action.

**Module:** EZAPPQ

---

**EZYPR015 Invalid return code from ISPF**

**Explanation:** The ISPF dialog management services detected an error during panel processing.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact the IBM Software Support Center.

**Module:** various

---

**EZYPR016 Invalid command entered**

**Explanation:** The data entered in the command line area is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Correct the command and reissue the request.

**Module:** various

---

**EZYPR017 Trace file cannot be opened**

**Explanation:** Either the trace file cannot be opened, the trace file cannot be dynamically allocated, access to the trace file is denied, or the trace file does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Verify the type of data set prefix used. If the prefix is a TSO user ID, the trace file should be dynamically allocated during the open attempt. If the dynamic allocation failed, contact the IBM Software Support Center. If the prefix is other than a TSO user ID, verify the existence of the trace file. If it exists, then determine if the trace file is write-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the trace file is not write-protected and the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPDG

---

## EZYPR018 • EZYPR023

---

### EZYPR018 You do not have access authorization for this dataset

**Explanation:** The data set is security protected for read or update by the Resource Access Control Facility (RACF). All access attempts to this data set will be denied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact your Resource Access Control Facility (RACF) administrator if you want access permission to this data set.

**Module:** various

---

### EZYPR019 You do not have update authorization for this dataset

**Explanation:** The data set is security protected for update by the Resource Access Control Facility (RACF). The data set is available for read-only. You cannot edit a record in the data set, but you can browse a record in the data set.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact your Resource Access Control Facility (RACF) administrator if you want update permission to this data set.

**Module:** various

---

### EZYPR020 Last Send Time is not valid

**Explanation:** The value specified in the Last Send Time field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Last Send Time and reissue the request.

**Module:** EZAPPQRP

---

### EZYPR021 Last Send Date is not valid

**Explanation:** The value specified in the Last Send Date field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Last Send Date and reissue the request.

**Module:** EZAPPQRP

---

### EZYPR022 Printer Name must be specified

**Explanation:** The value specified in the Printer Name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Printer Name and reissue the request.

**Module:** various

---

### EZYPR023 Host Name or IP address must be specified

**Explanation:** The value specified in the Host Name or IP address field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Host Name or IP address and reissue the request.

**Module:** various

---

**EZYPR024 Command is not valid for the current record status**

**Explanation:** An operation requested for a queue record was not performed because the request is not allowed for records with this data set status value.

**System action:** The system continues processing.

**Operator response:** Use a command that is valid for the current status of the queue record you are working with.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR025 Record is currently in use; browse or retry later**

**Explanation:** A requested operation cannot be performed at this time for a specified queue record file because the record is being updated by either the NPF Queue Manager or another panel operator.

**System action:** The system continues processing.

**Operator response:** Browse the queue file record if read-only access is sufficient; otherwise, retry the original operation later.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR026 Queue record was changed; please re-enter your changes.**

**Explanation:** An edit operation on a queue file record took too long (over 12 minutes) allowing the NPF Queue Manager or another panel operator to access and modify that record. All updates from the attempted edit operation have been lost and must be re-entered.

**System action:** The system continues processing.

**Operator response:** Repeat the edit operation, being careful to complete the operation within 12 minutes which is the maximum time for which you are guaranteed exclusive access to the record.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR027 Queue record with status X can only be browsed**

**Explanation:** An edit request has been rejected for a queue record whose data set status = 'X'.

**System action:** The system continues processing.

**Operator response:** Do not try to edit queue records whose data set status = 'X'. Browse is the only valid operation for this type of record.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR028 Queue record with status X cannot be deleted**

**Explanation:** A delete request has been rejected for a queue record whose data set status = 'X'.

**System action:** The system continues processing.

**Operator response:** Do not try to delete queue records whose data set status = 'X'. Browse is the only valid operation on this type of record.

**System programmer response:** None.

## EZYPR030 • EZYPR034

Module: EZAPPQ

---

### EZYPR030 Dataset type is in use by another dialog on this userid

**Explanation:** An attempt to process an NPF routing, options or queue file was rejected because another dialog under the same userid was already processing a file of the same type.

**System action:** The system continues processing.

**Operator response:** When doing NPF processing from multiple dialogs under a single userid, have each dialog process a different type of file. For example, it is acceptable to process a routing file from one dialog and an options file from another dialog.

**System programmer response:** None.

Module: EZAPPQ or EZAPPPC

---

### EZYPR031 Options file record already exists.

**Explanation:** The specified new options record cannot be added to the options file because that record already exists.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a new options name for the key field other than the one that already exists and reissue the request.

Module: EZAPPPC

---

### EZYPR032 Options file record is not added.

**Explanation:** The options file record was not added, or you do not have write access to the options file.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module: EZAPPPC

---

### EZYPR033 Options file record is added.

**Explanation:** The new record was added to the options file as requested.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

Module: EZAPPPC

---

### EZYPR034 Options file record does not exist.

**Explanation:** The system cannot delete the options file record you requested because it does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Select an existing options file record that you want deleted and reissue the request.

Module: EZAPPPC

---



---

**EZYPR035 Options file record is not deleted.**

**Explanation:** The options file record cannot be deleted.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR036 Options file record is deleted.**

**Explanation:** The options file record was deleted as requested.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR037 Type of option selected is not valid.**

**Explanation:** The option selected is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Select a valid option and enter the request.

**Module:** various

---

**EZYPR038 Missing broadcast rec(s) detected; Issue "CANcel" or complete**

**Explanation:** More than one destination was specified for the normal route, and data has not been entered for the specific routing broadcasts.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Enter data for the specific routing broadcasts on the routing broadcast record panel. If a normal route and no specific routing broadcasts are wanted, then change the value in the number of destinations field to "1". If the data for normal and specific routing records are to be discarded, issue the cancel command on the command line.

**Module:** EZAPPPC

---

**EZYPR041 Old options file record does not exist.**

**Explanation:** The copy request cannot be completed because the old options file record specified does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify an old options file record that exists and reissue the request.

**Module:** EZAPPPC

---

## EZYPR042 • EZYPR048

---

### **EZYPR042 New options file record is not copied.**

**Explanation:** The new options file record was not copied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### **EZYPR043 New options file record is copied.**

**Explanation:** The new options file record was copied as requested.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

### **EZYPR044 Options file record does not exist.**

**Explanation:** The requested options file record cannot be updated because it does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify an options file record that exists and reissue the request.

**Module:** EZAPPPC

---

### **EZYPR045 Options file record is not updated.**

**Explanation:** The options file record was not updated.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### **EZYPR046 Options file record is updated.**

**Explanation:** The options file record was updated as requested.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

### **EZYPR048 New options file record already exists.**

**Explanation:** The options file record cannot be copied because a new options file record already exists.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify an options file record other than the one that already exists and reissue the request.

**Module:** EZAPPPC

---

**EZYPR049 Select an option.**

**Explanation:** An option must be selected from this panel.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Select an option from the panel and issue the request.

**Module:** various

---

**EZYPR051 Enter options name for the key-field.**

**Explanation:** The options name for the key-field information is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Enter a value in the options name for the key-field and reissue the request.

**Module:** EZAPPN1

---

**EZYPR052 Input record exit is not valid.**

**Explanation:** The value specified in the input record exit field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid input record exit value and reissue the request.

**Module:** EZAPPN7

---

**EZYPR053 Old options name is not valid.**

**Explanation:** The value specified in the old options name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value in the old options name field and reissue the request.

**Module:** EZAPPN4

---

**EZYPR054 New options name is not valid.**

**Explanation:** The value specified in the new options name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value in the new options name field and reissue the request.

**Module:** EZAPPN4

---

## EZYPR055 • EZYPR061

---

### EZYPR055 Tracing is enabled

**Explanation:** The request to enable NPF ISPF tracing is acknowledged, and the specified trace data set is opened to receive trace information.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPDG

---

### EZYPR056 Tracing is disabled

**Explanation:** The request to disable NPF ISPF tracing is acknowledged, and the specified trace data set is closed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPDG

---

### EZYPR057 Old options name must be specified.

**Explanation:** The old options name for the key-field is missing.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Enter a value for the old options name key-field and reissue the request.

**Module:** EZAPPN4

---

### EZYPR058 New options name must be specified.

**Explanation:** The new options name for the key-field is missing.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a value for the new options key-field and reissue the request.

**Module:** EZAPPN4

---

### EZYPR060 Press ENTER to save data before proceeding to next record

**Explanation:** During add processing for a multiple-destination routing, the DOWN PF key was pressed to proceed to the next destination record before the ENTER key was pressed to save the data for the current destination record.

**System action:** The DOWN PF key is ignored and the panel continues to display the current destination record.

**Operator response:** Press the ENTER key to save the data for the current destination record before attempting to process the next record.

**System programmer response:** None.

**Module:** EZAPPPC

---

### EZYPR061 Normal route record already exists.

**Explanation:** The specified new route cannot be added to the routing file because that route already exists.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a normal route other than the one that already exists and reissue the request.

**Module:** EZAPPPC

---

**EZYPR062 Normal route record is not added.**

**Explanation:** The normal route was not added.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR063 Normal route record is added.**

**Explanation:** A normal route was added to the routing file.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR064 Normal route record does not exist.**

**Explanation:** The route specified in the delete request does not exist, so the request cannot be completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a route that exists and reissue the request.

**Module:** EZAPPPC

---

**EZYPR065 Normal route record is not deleted.**

**Explanation:** The normal route was not deleted, or you do not have write access to the routing file.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR066 Normal route record is deleted.**

**Explanation:** The normal route is deleted from the routing file as requested.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR068 Routing file cannot be opened.**

**Explanation:** Either the routing file cannot be opened, access to the routing file is denied, or the routing file does not exist.

**System action:** The system continues processing.

## EZYPR069 • EZYPR074

**Operator response:** None.

**System programmer response:** Verify the existence of the routing file. If it exists, then determine if the routing file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the routing file is not read-protected and the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### EZYPR069 Routing file cannot be closed.

**Explanation:** The system detected an error. The routing file cannot be closed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### EZYPR071 Old normal route record does not exist.

**Explanation:** The normal route record cannot be copied because the old normal route does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify major and minor names for an old normal route record that exists and reissue the request.

**Module:** EZAPPPC

---

### EZYPR072 Normal route record is not copied

**Explanation:** The normal route record was not copied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Reissue the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### EZYPR073 Normal route record is copied

**Explanation:** The request to copy the normal route record is complete.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

### EZYPR074 Specific broadcast record does not exist.

**Explanation:** A specific broadcast record cannot be updated because it does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Because the specific broadcast record does not exist, all of the routing records associated with this missing broadcast record are not valid. Issue the delete request to delete the obsolete records and then issue the add request to create the new routing records.

**Module:** EZAPPPC

---

---

**EZYPR075 Normal route record is not updated**

**Explanation:** The normal route record was not updated.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Reissue the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR076 Normal route record is updated.**

**Explanation:** The normal route record was updated as requested.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR078 New normal route record already exists.**

**Explanation:** The normal route record cannot be copied because a new normal route record already exists.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify major and minor names for a routing file record other than the one that already exists and reissue the request.

**Module:** EZAPPPC

---

**EZYPR079 Old specific broadcast record does not exist.**

**Explanation:** The old specific broadcast record associated with the normal routing record in the request does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Since the old specific broadcast record does not exist, all of the routing records associated with this missing broadcast record are not valid. Issue the delete request to delete the obsolete records. Either specify major and minor names for a different routing record and reissue the request again or issue an add request to create new routing records which can be used for the copy request again.

**Module:** EZAPPPC

---

**EZYPR081 Enter old major name for the key-field.**

**Explanation:** The request is missing an old major name.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify an old major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

## EZYPR082 • EZYPR087

---

**EZYPR082** Enter new major name for the key-field.

**Explanation:** The request is missing a new major name.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a new major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR083** Enter old minor name for the key-field.

**Explanation:** The request is missing an old minor name for the key-field.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify an old minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR084** Enter new minor name for the key-field.

**Explanation:** The request is missing a new minor name for the key-field.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a new minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR086** Enter major name for the key-field

**Explanation:** The major name is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

**Module:** various

---

**EZYPR087** Enter minor name for the key-field.

**Explanation:** The minor name is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

**Module:** various

---



---

**EZYPR089** Number of destination(s) must be specified.

**Explanation:** The destination number is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a destination value and reissue the request. A valid value is in the range 1 to 65535.

**Module:** EZAPPN15

---

**EZYPR091** Retain time (successful) must be specified

**Explanation:** The retain time (successful) is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify the retain time (successful) and reissue the request. Retain time must be in the format *dddhhmm* with values as follows:

*ddd* 000 to 366

*hh* 00 to 23

*mm* 00 to 59

**Module:** EZAPPN15

---

**EZYPR092** Retain time (unsuccessful) must be specified.

**Explanation:** The retain time (unsuccessful) is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify the retain time (unsuccessful) and reissue the request. Retain time must be in the format *dddhhmm* with values as follows:

*ddd* 000 to 366

*hh* 00 to 23

*mm* 00 to 59

**Module:** EZAPPN15

---

**EZYPR093** Retry interval time must be specified.

**Explanation:** The retry interval time is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify the retry interval time and reissue the request. Retry interval time must be in the format *dddhhmm* with values as follows:

*ddd* 000 to 366

*hh* 00 to 23

*mm* 00 to 59

**Module:** EZAPPN15

---

## EZYPR094 • EZYPR101

---

### **EZYPR094    Retry limit must be specified.**

**Explanation:** The retry limit is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a retry limit and reissue the request. A valid retry limit is in the range 0 to 65535.

**Module:** EZAPPN15

---

### **EZYPR095    Options name must be specified.**

**Explanation:** The options name is missing from the request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify an options name and reissue the request. A valid options name is a 16-character alphanumeric name.

**Module:** EZAPPN15

---

### **EZYPR097    Specific broadcast record is not updated.**

**Explanation:** The system detected an error. The specific broadcast record update request was not completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### **EZYPR098    Specific broadcast record is updated.**

**Explanation:** The specific broadcast record update request completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

### **EZYPR099    Specific broadcast record already exists.**

**Explanation:** The specific broadcast record cannot be added to the routing file because that route already exists.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Because the specific broadcast record already exists, the created normal routing record is not valid. Issue the delete request to delete the obsolete records. Issue an add request to create the new routing records again.

**Module:** EZAPPPC

---

### **EZYPR101    Specific broadcast record is added.**

**Explanation:** A specific broadcast route was added to the routing file.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR102 Specific broadcast is not added.**

**Explanation:** The system detected an error. The specific broadcast was not added.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Restart the Network Print Facility and reissue the add request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR104 Number of destination(s) is not valid**

**Explanation:** The number of destinations value must be larger than 0.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value for the number of destinations. A valid value is from 1 to 65535.

**Module:** various

---

**EZYPR105 Specific broadcast record is not deleted.**

**Explanation:** The system detected an error. The specific broadcast record delete request was not completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR106 Normal route & specific broadcast record(s) are deleted.**

**Explanation:** The normal route and specific broadcast records delete request completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR107 Specific broadcast record is not copied.**

**Explanation:** The system detected an error. The specific broadcast record copy request was not completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

## EZYPR108 • EZYPR117

---

**EZYPR108** Normal route & specific broadcast record(s) are copied.

**Explanation:** The normal route and specific broadcast records copy request completed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR111** LU class is not valid.

**Explanation:** The LU class value entered is not valid. Valid values are 1 to 64.

**System action:** The system continues processing.

**Operator response:** Specify a valid LU class value and reissue the request.

**System programmer response:** None.

**Module:** various

---

**EZYPR112** LU class contains invalid character.

**Explanation:** A character in the LU class field is not valid. Valid values are 1 to 64.

**System action:** The system continues processing.

**Operator response:** Specify a valid LU class value and reissue the request.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR113** Incorrect call to EZAPPPC

**Explanation:** The call to module EZAPPPC from panel EZAPPMP was not valid. Expected parameters in the call might have been missing.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR116** Normal route & specific broadcast record(s) are not added

**Explanation:** The normal and/or specific broadcast records were added during the add request, but a cancel command was issued to discard the added records.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPPC

---

**EZYPR117** Normal route is copied but some data is lost.

**Explanation:** The normal route copy request completed, but not all of the data was copied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Submit the copy request again. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR131 Old major name is not valid.**

**Explanation:** The value specified in the old major name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid old major name and reissue the request. A valid old major name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR132 Old minor name is not valid.**

**Explanation:** The value specified in the old minor name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid old minor name and reissue the request. A valid old minor name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR133 New major name is not valid.**

**Explanation:** The value specified in the new major name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid new major name and reissue the request. A valid new major name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR134 New minor name is not valid.**

**Explanation:** The value specified in the new minor name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid new minor name and reissue the request. A valid new minor name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR135 Major name is not valid.**

**Explanation:** The value specified in the major name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

**Module:** various

## EZYPR136 • EZYPR144

---

### EZYPR136 Minor name is not valid.

**Explanation:** The value specified in the minor name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

**Module:** various

---

### EZYPR141 Options name is not valid.

**Explanation:** The value specified in the Options name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value in the Options name field and reissue the request. A valid options name is a 16-character alphanumeric name.

**Module:** various

---

### EZYPR142 Routing exit is not valid.

**Explanation:** The value specified in the Routing exit field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value in the Routing exit field and reissue the request. A valid routing exit name is an 8-character alphanumeric name.

**Module:** EZAPPN15

---

### EZYPR143 Normal route & specific broadcast record(s) not deleted

**Explanation:** The system detected an error. The normal and specific broadcast records were not deleted as a result of the delete request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

### EZYPR144 Unable to copy old specific broadcast record.

**Explanation:** The system detected an error. A specific broadcast record associated with the normal routing record could not be copied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Because the old specific broadcast record is not valid, all of the copied routing records with this broadcast record are deleted. Issue the delete request to delete the obsolete records for the old routing records. Either specify major and minor names for a different routing record and reissue the request again, or issue an add request to create new routing records which can be used for the copy request again.

**Module:** EZAPPPC

---

---

**EZYPR147 Unable to copy old normal route record.**

**Explanation:** The system detected an error. A copy cannot be done for the old normal route record specified.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Try the request again. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR148 Normal route record is added but some data is lost.**

**Explanation:** The normal route record add request completed, but not all of the data was added.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Submit the add request again. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR149 Specific broadcast record is added but some data is lost.**

**Explanation:** The specific broadcast record add request completed, but not all of the data was added.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Submit the add request again. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR161 Options file cannot be opened.**

**Explanation:** Either the options file cannot be opened, access to the options file is denied, or the options file does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Verify the existence of the options file. If it exists, then determine if the options file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the routing file is not read-protected and the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR162 Options file cannot be closed.**

**Explanation:** The system detected an error. The options file specified cannot be closed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Try the request again. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPRT

---

## EZYPR180 • EZYPR187

---

### EZYPR180 SLU/Dest is not valid

**Explanation:** The value specified in the SLU/Dest field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid SLU/Dest value and reissue the request.

**Module:** EZAPPQSP

---

### EZYPR181 PLU/JOBNAME is not valid

**Explanation:** The value specified in the PLU/JOBNAME field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid PLU/JOBNAME value and reissue the request.

**Module:** EZAPPQSP

---

### EZYPR182 Creation Date is not valid

**Explanation:** The value specified in the Creation Date field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Creation Date and reissue the request.

**Module:** EZAPPQSP

---

### EZYPR183 Creation Time is not valid

**Explanation:** The value specified in the Creation Time field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Creation Time and reissue the request.

**Module:** EZAPPQSP

---

### EZYPR184 Dataset Status is not valid

**Explanation:** The value specified in the Dataset Status field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Dataset Status and reissue the request.

**Module:** EZAPPQSP

---

### EZYPR187 Invalid SEQ value - enter KEY or TIME

**Explanation:** The SEQ field on the NPF Queue Selection panel contains an invalid value.

**System action:** The system continues processing.

**Operator response:** Set the SEQ field to either KEY or TIME to indicate the order in which the selected queue records should be displayed on the Queue List panel.

**System programmer response:** None.

**Module:** EZAPPQ



---

**EZYPR190 Next Send Time is not valid**

**Explanation:** The value specified in the Next Send Time field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Next Send Time value and reissue the request.

**Module:** EZAPPQSP

---

**EZYPR191 Next Send Date is not valid**

**Explanation:** The value specified in the Next Send Date field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Next Send Date value and reissue the request.

**Module:** EZAPPQSP

---

**EZYPR192 Retry Interval is not valid**

**Explanation:** The value specified in the Retry Interval field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Retry Interval value and reissue the request.

**Module:** various

---

**EZYPR193 Retry Attempts are not valid**

**Explanation:** The value specified in the Retry Attempts field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Retry Attempts value and reissue the request.

**Module:** EZAPPQRP

---

**EZYPR194 Retry Limit is not valid**

**Explanation:** The value specified in the Retry Limit field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Retry Limit value and reissue the request.

**Module:** various

---

**EZYPR195 Retain Time Successful is not valid**

**Explanation:** The value specified in the Retain Time Successful field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Retain Time Successful value and reissue the request.

**Module:** various

---

**EZYPR196 Retain Time Unsuccessful is not valid**

**Explanation:** The value specified in the Retain Time Unsuccessful field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid Retain Time Unsuccessful value and reissue the request.

**Module:** various

---

**EZYPR213 Default page format name is not valid**

**Explanation:** The value specified in the Def Page Format field is not valid.

**System action:** The system continues processing.

**Operator response:** Either leave the field blank or enter the name of a valid Default Page Format table entry. See the *z/OS Communications Server: IP Network Print Facility* for more information.

**System programmer response:** None.

**Module:** EZAPPN15

---

**EZYPR214 End of file name is not valid.**

**Explanation:** The value entered for Eofile Name field is not valid.

**System action:** The system continues processing.

**Operator response:** Either leave the field blank or enter the name of a valid End-of-File Rules table entry. See the *z/OS Communications Server: IP Network Print Facility* for more information.

**System programmer response:** None.

**Module:** EZAPPN15

---

## Chapter 10. EZYRxxxx messages

---

### EZYRC01I Calling function rexec with the following:

**Explanation:** This is the first of a two part message. It is followed by EZYRC02I which lists the host, user, cmd, and port that are being passed to the rexec function that is provided by z/OS UNIX System Services and that does the work of passing the rexec information to the server.

**System action:** OREXEC continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

### EZYRC02I Host: AAA user BBB, cmd CCC, port DDD

**Explanation:** This is the information that is being passed to the rexec function. AAA is the host that the string is being passed to, BBB is the logon ID of the user on the remote system, CCC is the command that is being passed to the remote system and DDD is the port number.

**System action:** OREXEC continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

### EZYRC03E The call to rexec procedure failed.

**Explanation:** The call to the rexec procedure that will do the actual passing of the information to the remote host failed.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent. If inetd is down on the remote host, this message will appear.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

### EZYRC04I Usage: orexec -d -l user -p pwd

**Explanation:** This is the first of a group of messages that is issued when a question mark has been entered, or an invalid number of arguments have been entered.

**System action:** OREXEC ends.

**Operator response:** Correct the invalid argument and retry the command.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

## EZYRC05I • EZYRC09I

---

**EZYRC05I** options: -

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC06I** -? display this message

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC07I** -d turn on debug tracing

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC08I** -l *usr* specifies remote login id

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC09I** -p *pwd* specifies remote password

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

---

**EZYRC10I** *-s port* specifies server port

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC11I** *-V* display APAR level

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC12I** Example: orexec -d -l guest -p guest hostname ls -l

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** By examining the command typed or using the -d option the problem should be apparent.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC13I** XXX YYY

**Explanation:** XXX is the program called (MVS OREXEC).

YYY is the APAR number, or if there have been no APARs applied, it is base.

**System action:** OREXEC continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

**EZYRC14I** *-s port fhost* command

**Explanation:** This the second of a group of messages that is issued when a question mark has been entered, or an invalid number of arguments have been entered.

**System action:** OREXEC ends.

**Operator response:** Correct the invalid argument and retry the command.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

## EZYRC15I • EZYRC18I

---

### EZYRC15I -C Uppercase messages

**Explanation:** This is part of a group of messages that is issued when a question mark has been entered or an invalid number of arguments have been entered.

**System action:** OREXEC ends.

**Operator response:** Correct the invalid argument and retry the command.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

### EZYRC16E *function failed. description* rsn = *errnojr*

**Explanation:** An unexpected value was returned from the function indicated by the *function* value. This message can be issued from TSO REXEC or orexec. Processing ends.

*function* is the name of the C/C++ run-time function. See the *z/OS XL C/C++ Run-Time Library Reference* for information about C/C++ run-time functions.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** REXEC ends.

**Operator response:** Reissue the OREXEC command, if the problem persist contact the system programmer.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** EZATREXE or EZARCC1C

**Procedure Name:** main()

---

### EZYRC17I Select time limit expired.

**Explanation:** The time limit on the select expired before a response was received from the server. Processing ends.

**System action:** OREXEC ends.

**Operator response:** Attempt the OREXEC command again.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

### EZYRC18I Foreign host name is missing.

**Explanation:** The foreign host name was not specified on the OREXEC command. It is required. Processing ends.

**System action:** OREXEC ends.

**Operator response:** Attempt the OREXEC command again with the foreign host name.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

---

**EZYRC19I** Data socket = *dsock*, Control socket = *csock*.

**Explanation:** This is a debug message indicating the socket descriptors being used by the z/OS UNIX REXEC client. It is only issued when the -d option is specified on the OREXEC command.

**System action:** OREXEC continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

**EZYRC23E** Command is missing

**Explanation:** A command was not specified on the OREXEC command.

**System action:** OREXEC ends.

**Operator response:** Reissue the OREXEC command and specify a command.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** main()

---

**EZYRC24I** -e wait select time limit

**Explanation:** See message EZYRC04I.

**System action:** OREXEC ends.

**Operator response:** Examine the command typed or use the -d option to diagnose the problem.

**System programmer response:** None.

**Module:** rexec1.c

**Procedure Name:** usage()

---

**EZYRC31I** Calling function rcmd\_af with the following:

**Explanation:** This message is followed by EZYRC02I, which lists the host, user, cmd, and port that are passed to the local rcmd\_af function, which passes the rsh information to the server.

**System action:** ORSH continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** ussrsh.c

**Procedure Name:** main()

---

**EZYRC33E** The call to rcmd\_af procedure failed: *description* rsn = *errnojr*

**Explanation:** The call to the rcmd\_af procedure that will pass the information to the remote host failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the Reason Codes are listed.

**System action:** ORSH ends.

**Operator response:** Examine the command typed and reissue the ORSH command. If the problem persists, contact

## EZYRD01W • EZYRD04E

the system programmer. The most common description is ECONNREFUSED. If this occurs, start the remote shell server on the remote host.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** ussrsh.c

**Procedure Name:** main()

---

### EZYRD01W Invalid option in /etc/inet.conf

**Explanation:** An option that is not valid has been used in the /etc/inetd.conf file. The allowable options are: dIV

**Note:** If an invalid option has been specified, none of the valid options will be in effect.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** Correct the configuration options in /etc/inetd.conf for the entry exec under the column service name.

**Module:** rexecd.c

**Procedure Name:** main

---

### EZYRD02E getpeername failure

**Explanation:** Getpeername could not return the name of the peer that is connected to the socket.

**System action:** REXECD ends.

**Operator response:** Retry the command later.

**System programmer response:** See message EZYRD33E on the host where rexecd is running for more information including the failure description (errno) and reason code (errnojr).

**Module:** rexecd.c

**Procedure Name:** main

---

### EZYRD03I Remote address = XX.XX.XX.XX

**Explanation:** XX.XX.XX.XX is the IPv4 or IPv6 address that is the internet address that the login ID connected from. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** main

---

### EZYRD04E Binary one not received.

**Explanation:** The first byte of the string that is passed to the server is supposed to be a binary 1. This did not happen in this case.

**System action:** REXECD ends.

**Operator response:** Retry the command.

**System programmer response:** The string that is being passed from the client is not in the proper format. Check the string that is being passed from the client.

**Module:** rexecd.c



**Procedure Name:** doit()

**EZYRD05I clisecport = n**

**Explanation:** n is the number of the secondary port that is being passed in from the client. This is the port that rexecd will send the output to. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

**EZYRD06E Unable to create secondary port.**

**Explanation:** The socket subroutine was unable to create a socket in the specified AddressFamily and of the specified type.

**System action:** REXECD ends.

**Operator response:** Retry the command.

**System programmer response:** The socket could not be created for one of the following reasons:

- The addresses in the specified address family cannot be used with this socket.
- The socket in the specified address family is not supported.
- The per-process descriptor table is full.
- Insufficient resources were available in the system to complete the call.

**Module:** rexecd.c

**Procedure Name:** doit()

**EZYRD07E Cannot make second port**

**Explanation:** The rexecd server was unable to connect to the specified port.

**System action:** REXECD ends.

**Operator response:** Retry the command.

**System programmer response:** The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

**Module:** rexecd.c

## EZYRD08I • EZYRD11E

**Procedure Name:** doit()

---

**EZYRD08I**    **User is:** XXX

**Explanation:** XXX is the login ID that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD09I**    **Command is:** XXX

**Explanation:** XXX is the command that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD10E**    **XXX: unknown login. cmd = YYY**

**Explanation:** XXX is the logon ID that was passed in from the remote host.

YYY is the command that was passed in.

**System action:** REXECD ends.

**Operator response:** Correct the login ID and retry.

**System programmer response:** This message is written to the file that is specified by syslog.conf for information and authorization messages. It is only written out if either information and/or authorization is in the syslogd.conf file. This indicates that the login ID was not in the password structure.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD11E**    **Login incorrect.**

**Explanation:** The login was incorrect.

**System action:** REXECD ends.

**Operator response:** Retry the command.

**System programmer response:** It is considered to be a security violation to tell the client if the user ID or password is incorrect so this is a generic message saying that one of them is incorrect.

**Module:** rexecd.c

**Procedure Name:** doit()

---

---

**EZYRD12I** Name is: XXX, user is YYY

**Explanation:** This is a debug message. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

XXX is the login ID that has been passed in from the client.

YYY is the login ID as gotten from the password structure.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD13I** dir is XXX

**Explanation:** XXX is the home directory that is gotten from the password structure. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD14I** uid is: X, gid is Y

**Explanation:** X is the uid that is obtained from the password structure and Y is the gid that is obtained from the password structure. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD15E** XX wrong password, cmd = YY

**Explanation:** XX is the login ID passed in from the client and YY is the command that is being attempted. The password that has been passed in is not correct. This message is written to the file that is specified by syslog.conf for error messages. It is only written out if error is set up to write out in syslogd.

**System action:** REXECD ends.

**Operator response:** Correct the password and try again.

**System programmer response:** It is considered to be a security violation to tell the client if the user ID or password is incorrect so a generic message saying that one of them is incorrect will be sent to the client.

**Module:** rexecd.c

**Procedure Name:** doit()

---

## EZYRD17E • EZYRD20E

---

**EZYRD17E** XX no home directory. cmd = YY

**Explanation:** XX indicates the login ID and YY indicates the command that is being attempted.

**System action:** REXECD ends.

**Operator response:** Contact the system programmer

**System programmer response:** No home directory has been set up in the password structure for the login ID that is identified in the message. Add a home directory in the password structure for this login ID.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD18E** No remote directory.

**Explanation:** No home directory has been set up on the remote host for the logon ID.

**System action:** REXECD ends.

**Operator response:** Contact the system programmer at the remote site and have a home directory set up in the password structure.

**System programmer response:** Set up a home directory in the password structure.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD19E** Cannot make pipe1.

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** REXECD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN\_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD20E** Cannot make pipe2.

**Explanation:** Trying to make a pipe to go between the parent and the child process for the purpose of doing ASCII to EBCDIC conversion. This pipe could not be made.

**System action:** REXECD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN\_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rexecd.c

**Procedure Name:** doit()

---

---

**EZYRD21E Cannot make pipe3.**

**Explanation:** Trying to make a pipe to go between the parent and the child process for the purpose of doing ASCII to EBCDIC conversion. This pipe could not be made.

**System action:** REXECD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN\_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD22E Cannot fork; try again.**

**Explanation:** The parent process is trying to fork off a child process. It has not been able to do this.

**System action:** REXECD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD23E error on read socket 0**

**Explanation:** An attempt has made to read data on the stdin socket. This attempt has not been successful.

**System action:** REXECD ends.

**Operator response:** Retry the failing command.

**System programmer response:** A read from socket 0 has failed. It has failed to read for one of the following reasons:

- The FileDescriptor parameter is not a valid file descriptor open for reading.
- The file was marked for nonblocking I/O, and no data was ready to be read.
- A read was interrupted by a signal before any data arrived, and the signal handler was installed with an indication that subroutines are not to be restarted.
- An I/O error occurred while reading from the file system.
- The process is a member of a background process attempting to read from its controlling terminal, and either the process is ignoring or blocking the SIGTTIN signal or the process group has no parent process.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD24I XX cmd = YY**

**Explanation:** If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

## EZYRD25E • EZYRD28E

**Module:** rexecd.c

**Procedure Name:** doit()

---

### EZYRD25E setgid failed

**Explanation:** A set group ID subroutine failed.

**System action:** REXECD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

**Module:** rexecd.c

**Procedure Name:** doit()

---

### EZYRD26E initgroups failed

**Explanation:** An initgroups subroutine failed.

**System action:** REXECD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The subroutine can fail for the following reasons:

- The number of supplementary groups of the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

**Module:** rexecd.c

**Procedure Name:** doit()

---

### EZYRD27E setuid failed

**Explanation:** A setuid failed.

**System action:** REXECD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

**Module:** rexecd.c

**Procedure Name:** doit()

---

### EZYRD28E Error from execl()

**Explanation:** An error has occurred in trying to open the shell process to do the requested command.

**System action:** REXECD ends.

**Operator response:** Retry the command. If the problem persists contact the system programmer.

**System programmer response:** An execl can fail for the following reasons:

- The new process's combined argument list and environment list has more bytes than the system defined limit ARG\_MAX.

- The process did not have appropriate permissions to run the specified file for one of the following reasons:
  - The process did not have permission to search a directory named in your path.
  - The process did not have execute permission for the file to be run.
  - The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory.

**Module:** rexecd.c

**Procedure Name:** doit()

---

#### EZYRD29E String too long

**Explanation:** A string that is being converted from ASCII to EBCDIC is too long.

**System action:** REXECD ends.

**Operator response:** Retry the command and if the problem persists contact the system programmer.

**System programmer response:** A string that is outside the permissible limits is being passed to REXECD. Check the parameters being passed and if everything looks correct contact the support center.

**Module:** rexecd.c

**Procedure Name:** getstr()

---

#### EZYRD30I usage: rexecd -dLV

**Explanation:** This message follows EZYRD01. It displays the valid options that are permitted in /etc/inetd.conf for the rexecd server.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** Correct the options specified in /etc/inetd.conf and from a superuser ID do a kill -1 *pid number* to cause inetd to reread the inetd.conf file.

**Module:** rexecd.c

**Procedure Name:** usage()

---

#### EZYRD31I XXX YYY

**Explanation:** XXX is the program called (MVS REXECD).

YYY is the APAR number, or if there have been no APARs applied, it is base.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** main()

---

**EZYRD32E Cannot make second port**

**Explanation:** The rexecd server was unable to connect to the specified port.

**System action:** REXECD ends.

**Operator response:** Retry the command.

**System programmer response:** The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

**Module:** rexecd.c

**Procedure Name:** doit()

---

**EZYRD33E *function failed. description rsn = errnojr***

**Explanation:** An unexpected value was returned from *function*.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** REXECD ends.

**Operator response:** Reissue the REXEC command, if the problem persists contact the system programmer.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** rexecd.c

**Procedure Name:** main()

---

**EZYRD34I Stderr socket is socket**

**Explanation:** Shows the socket number used for the standard error connection. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in *syslogd*.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---



---

**EZYRD35I** **Int(socket):** 20-bytes hex data 10 char ascii

**Explanation:** Shows the data being sent from the client to the server after the command has been read. *socket* is the socket from which the data was read. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** *rexecd.c*

**Procedure Name:** *doit()*

---

**EZYRD36I** **Ont(socket):** 20-bytes hex data 10 char ascii

**Explanation:** Shows the data being sent from the server to the client after the command has been read. *socket* is the socket to which the data was written. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** *rexecd.c*

**Procedure Name:** *doit()*

---

**EZYRD37I** **Signal signal received on socket socket**

**Explanation:** Shows the value of a signal received from the client. This signal will be passed to the child process executing the command. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** *rexecd.c*

**Procedure Name:** *doit()*

---

**EZYRD38I** **EOF received on socket socket**

**Explanation:** Indicates a EOF was received on the socket. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** *rexecd.c*

**Procedure Name:** *doit()*

---

**EZYRD39I** **Child stderr socket is socket**

**Explanation:** Identifies the socket assigned in the parent process to the child standard error. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

## EZYRD42I • EZYRP37E

**System action:** REXECD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rexecd.c

**Procedure Name:** doit()

---

### EZYRD42I getsockname failure

**Explanation:** Getsockname could not return the local address structure that is connected to the socket.

**System action:** REXECD ends.

**Operator response:** Retry the command later.

**System programmer response:** See message EZYRD33E on the host where rexecd is running for more information including the failure description (errno) and reason code (errnoj).

**Module:** rexecd.c

**Procedure Name:** main

---

### EZYRP35I orpcinfo -d prognum versnum

**Explanation:** The command line syntax is displayed to indicate that the user invoked ORPCINFO with incorrect arguments.

**System action:** ORPCINFO exits.

**Operator response:** Reenter ORPCINFO with the correct control parameter syntax.

**System programmer response:** None.

**Module:** ORPCINFO

**Procedure Name:** Usage()

---

### EZYRP36E Sorry. You are not root

**Explanation:** You must have root authority to use the -d option.

**System action:** The registration is not deleted.

**Operator response:** None.

**System programmer response:** Inform the system administrator of the problem.

**Module:** orpcinfo

**Procedure Name:** stderr

---

### EZYRP37E orpcinfo: Could not delete registration for prog *program* version *version*

**Explanation:** orpcinfo failed to receive a positive response from the portmapper to its request to delete the specified program. See accompanying message for reason.

**System action:** The registration is not deleted.

**Operator response:** None.

**System programmer response:** Use other RPC options as appropriate. If necessary, inform the system administrator of the problem.

**Module:** orpcinfo

**Procedure Name:** stderr

---

---

**EZYRP52E oportmap CALLIT: cannot fork**

**Explanation:** The portmapper was not able to fork as required to process a broadcast request.

**System action:** The portmapper ignores the broadcast request and continues.

**Operator response:** None.

**System programmer response:** Inform the system administrator of the problem.

**Module:** oportmap

**Procedure Name:** stderr

---

**EZYRP66E enablecache: cache already enabled The rpc udp cache has already been enabled.**

**Explanation:**

**System action:** The server continues.

**Operator response:**

**System programmer response:** Revise the program without the redundant call to svcudp\_enablecache().

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

**EZYRP67E enablecache: could not allocate cache**

**Explanation:** The server was not able to allocate storage for its internal tables.

**System action:** The server continues without the benefit of the cache request.

**Operator response:** None.

**System programmer response:** Revise the program to fit in the available storage.

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

**EZYRP68E enablecache: could not allocate cache data**

**Explanation:** The server was not able to allocate storage for its internal tables.

**System action:** The server continues without the benefit of the cache request.

**Operator response:** None.

**System programmer response:** Revise the program to fit in the available storage.

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

**EZYRP69E enablecache: could not allocate cache fifo**

**Explanation:** The server was not able to allocate storage for its internal tables.

**System action:** The server continues without benefit of the cache request.

**Operator response:** None.

**System programmer response:** Revise the program to fit in the available storage.

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

## EZYRP70E • EZYRS02W

---

**EZYRP70E** cache\_set: victim not found

**Explanation:** The server was not able to find a cache reply that its internal tables indicated was there.

**System action:** The server continues without the benefit of the cache request.

**Operator response:** None.

**System programmer response:** Inform the system administrator of the problem.

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

**EZYRP71E** cache\_set: victim alloc failed

**Explanation:** The server was not able to allocate storage for its internal tables.

**System action:** The server continues without the benefit of the cache request.

**Operator response:** None.

**System programmer response:** Revise the program to fit in the available storage.

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

**EZYRP72E** cache\_set: could not allocate new rpc\_buffer

**Explanation:** The server was not able to allocate storage for its cached reply.

**System action:** The server continues without the benefit of the cache request.

**Operator response:** None.

**System programmer response:** Revise the program to fit in the available storage.

**Module:** svc\_upd.o

**Procedure Name:** stderr

---

**EZYRS01I** XXX YYY

**Explanation:** XXX is the program called (MVS RSHD).

YYY is the APAR number, or if there have been no APARs applied, it is base.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** main()

---

**EZYRS02W** Invalid option in /etc/inet.conf

**Explanation:** An invalid option has been used in the /etc/inetd.conf file. The allowable options are: dIV NOTE: If an invalid option has been specified None. of the valid options will be in effect.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** Correct the configuration options in /etc/inetd.conf for the entry shell under the column service name.

**Module:** rshd.c

**Procedure Name:** main

---

---

**EZYRS03E Getpeername failure.**

**Explanation:** Getpeername could not return the name of the peer that is connected to the socket.

**System action:** RSHD ends.

**Operator response:** Retry the command later.

**System programmer response:** The name of the peer that is connected to the socket could not be found for one of the following reasons:

- The argument is not a valid descriptor.
- The argument is a file, not a socket.
- The socket is not connected.
- Insufficient resources were available in the system to perform the operation.
- The name parameter pointed to memory not in a valid part of process address space.

**Module:** rshd.c

**Procedure Name:** main

---

**EZYRS04W Setsockopt (SO\_KEEPALIVE) failed**

**Explanation:** There was a failure in setting the socket keepalive option in setsockopt.

**System action:** RSHD continues.

**Operator response:** Retry the command.

**System programmer response:** There was an error in setting the socket keepalive option when using setsockopt. This error should not occur. Contact the IBM Software Support Center.

**Module:** rshd.c

**Procedure Name:** main

---

**EZYRS05W Setsockopt (SO\_LINGER) failed**

**Explanation:** There was a failure in setting the socket linger option in setsockopt.

**System action:** RSHD continues.

**Operator response:** Retry the command.

**System programmer response:** There was an error in setting the socket linger option when using setsockopt. This error should not occur. Contact the IBM support center.

**Module:** rshd.c

**Procedure Name:** main

---

**EZYRS06E Malformed from address.**

**Explanation:** The IP address that was received can not be put in the correct network byte order.

**System action:** RSHD ends.

**Operator response:** Correct the address being sent in from the client.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit

---

### EZYRS07W Connection received using IP options (ignored)

**Explanation:** An attempt was made to put special IP options in the data stream. All special options are ignored.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit

---

### EZYRS08E Setsockopt IP\_OPTIONS NULL.

**Explanation:** An unsuccessful attempt was made to zero out the IP options.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** This error should not occur. Contact the IBM System Support Center.

**Module:** rshd.c

**Procedure Name:** doit

---

### EZYRS09E Connection from XX on illegal port YY

**Explanation:** An attempt was made to connect to RSHD using a non-reserved port. The port numbers that are considered to be reserved are 0-1023. IP options.

**System action:** RSHD ends.

**Operator response:** The client should attempt the connection on a reserved port.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit

---

### EZYRS10E Connection on illegal port.

**Explanation:** An attempt was made to connect to RSHD using a non-reserved port. The port numbers that are considered to be reserved are 0-1023. IP options.

**Operator response:** The client should attempt the connection on a reserved port.

**System action:** RSHD ends.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit

---

### EZYRS11E Binary one not received.

**Explanation:** The first byte of the string that is passed to the server is supposed to be a binary 1. This did not happen in this case.

**System action:** RSHD ends.

**Operator response:** Retry the command.

**System programmer response:** The string that is being passed from the client is not in the proper format. Check the string that is being passed from the client.

**Module:** rshd.c

**Procedure Name:** doit()

**EZYRS12I clisecport = n**

**Explanation:** n is the number of the secondary port that is being passed in from the client. This is the port that rshd will send the output to. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

**EZYRS13E Cannot get stderr port**

**Explanation:** The server has attempted to open a reserved port to be used for standard error.

**System action:** RSHD ends.

**Operator response:** Try again later.

**System programmer response:** Do a netstat conn to determine if all reserved ports are in use.

**Module:** rshd.c

**Procedure Name:** doit()

**EZYRS16E Second port not reserved**

**Explanation:** The server has attempted to open a port that is not reserved.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The port number that the client has requested that the server use is not a reserved port number. The client must request a reserved port number.

**Module:** rshd.c

**Procedure Name:** doit()

**EZYRS18E Cannot make second port**

**Explanation:** The rshd server was unable to connect to the specified port.

**System action:** RSHD ends.

**Operator response:** Retry the command.

**System programmer response:** The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.

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- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

**Module:** rshd.c

**Procedure Name:** doit()

---

### EZYRS19E Cannot make second port

**Explanation:** The rshd server was unable to connect to the specified port.

**System action:** RSHD ends.

**Operator response:** Retry the command.

**System programmer response:** The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

**Module:** rshd.c

**Procedure Name:** doit()

---

### EZYRS20I Could not look up address for XXX

**Explanation:** A gethostbyname or getaddrinfo was done of XXX and the system was unable to find the specified name. The failure could be because of one of the following:

- The host specified by the Name parameter was not found.
- The local server did not receive a response from an authoritative server. Try again later.
- An unrecoverable error.
- The requested Name is valid but does not have an Internet address at the name server.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** RSHD.c

**Procedure Name:** doit()

---



---

**EZYRS21I Remote user is: XXX**

**Explanation:** XXX is the login ID of the user on the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** RSHD.c

**Procedure Name:** doit()

---

**EZYRS22I Local user is: XXX**

**Explanation:** XXX is the login ID that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** RSHD.c

**Procedure Name:** doit()

---

**EZYRS23I Command is: XXX**

**Explanation:** XXX is the command that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS24E WWW@XXX as YYY: Unknown login. cmd = ZZZ**

**Explanation:** The remote user WWW at the remote site XXX logging on as user ID YYY does not have a valid logon ID. The command ZZZ was specified

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The user ID YYY will need to have a valid logon ID specified in the security database.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS25E Unknown login.**

**Explanation:** The login was incorrect.

**System action:** RSHD ends.

**Operator response:** Retry the command.

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**System programmer response:** It is considered to be a security violation to tell the client if the user ID or password is incorrect, so this is a generic message saying that one of them is incorrect.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS26E** WWW@XXX as YYY: **no home directory. cmd = ZZZ**

**Explanation:** The remote user WWW at the remote site XXX logging on as user ID YYY does not have a home directory specified. The command ZZZ was specified

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The user ID YYY will need to have a home directory specified in the security database.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS27E** **No remote directory.**

**Explanation:** No home directory has been set up on the remote host for the logon ID.

**System action:** RSHD ends.

**Operator response:** Contact the system programmer at the remote site and have a home directory set up in the security database.

**System programmer response:** Set up a home directory in the security database.

**Module:** RSHD.c

**Procedure Name:** doit()

---

**EZYRS28E** WWW@XXX as YYY: **permission denied. cmd = ZZZ**

**Explanation:** The remote user WWW at the remote site XXX logging on as user ID YYY does not have a valid logon ID or password. The command ZZZ was specified

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The user ID YYY will need to have a logon ID of password specified in the security database.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS30E** **Logins currently disabled.**

**Explanation:** The systems administrator has disabled logins.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** A file in the /etc directory with the name nologin has been created. This disables all logins except superusers.

**Module:** rshd.c

**Procedure Name:** doit()

---

---

**EZYRS31E Cannot make pipe.**

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN\_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS32E Cannot make pipe1.**

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN\_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS33E Cannot make pipe2.**

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN\_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS34E Cannot fork; try again.**

**Explanation:** The parent process is trying to fork off a child process. It has not been able to do this.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

**Module:** rshd.c

**Procedure Name:** doit()

**EZYRS35E**

**Explanation:** An error occurred while reading data from socket zero. Socket zero is the standard input socket.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails, contact the system programmer.

**System programmer response:** This error should not occur. Contact the IBM System Support Center.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS36I WWW@XXX as YYY: cmd = zzz**

**Explanation:** If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS37E setgid failed**

**Explanation:** A set group ID subroutine failed.

**System action:** RSHD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS38E initgroups failed**

**Explanation:** An initgroups subroutine failed.

**System action:** RSHD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The subroutine can fail for the following reasons:

- The number of supplementary groups of the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

**Module:** rshd.c

**Procedure Name:** doit()

---

---

**EZYRS39E** **setuid failed**

**Explanation:** A setuid failed.

**System action:** RSHD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS40E**

**Explanation:** An error has occurred in trying to open the shell process to do the requested command.

**System action:** RSHD ends.

**Operator response:** Retry the command. If the problem persists contact the system programmer.

**System programmer response:** An execl can fail for the following reasons:

- The new process's combined argument list and environment list has more bytes than the system defined limit ARG\_MAX.
- The process did not have appropriate permissions to run the specified file for one of the following reasons:
  - The process did not have permission to search a directory named in your path.
  - The process did not have execute permission for the file to be run.
  - The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS41E** **String too long**

**Explanation:** A string that is being converted from ASCII to EBCDIC is too long.

**System action:** RSHD ends.

**Operator response:** Retry the command and if the problem persists contact the system programmer.

**System programmer response:** A string that is outside the permissible limits is being passed to RSHD. Check the parameters being passed and if everything looks correct contact the support center.

**Module:** rshd.c

**Procedure Name:** getstr()

---

**EZYRS42E** rshd -adlnLV

**Explanation:** This message follows EZYRS02W. It displays the valid options that are permitted in /etc/inetd.conf for the rshd server.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** Correct the options specified in /etc/inetd.conf and from a superuser ID do a kill -1 *pid number* to cause inetd to reread the inetd.conf file.

**Module:** rshd.c

**Procedure Name:** getstr()

---

**EZYRS43E** WWW as YYY: Unknown login. cmd = ZZZ

**Explanation:** The remote user WWW is logging on as user ID YYY does not have a valid logon ID. The command ZZZ was specified.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The user ID YYY will need to have a valid logon ID. specified in the security database.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS44E** WWW as YYY: no home directory. cmd = ZZZ

**Explanation:** The remote user WWW logging on as user ID YYY does not have a home directory specified. The command ZZZ was specified.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The user ID YYY will need to have a home directory specified in the security database.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS45E** WWW as YYY: permission denied. cmd = ZZZ

**Explanation:** The remote user WWW logging on as user ID YYY does not have a valid logon ID or password. The command ZZZ was specified.

**System action:** RSHD ends.

**Operator response:** None.

**System programmer response:** The user ID YYY will need to have a logon ID of password specified in the security database.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS46I** WWW as YYY: cmd = zzz

**Explanation:** If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file. The remote user WWW logging on as user ID YYY has executed command zzzq.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS47I** WWW as **YYY: cmd = zzz**

**Explanation:** If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file. The remote user WWW logging on as user ID YYY has executed command zzz.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS48I** Trusted host activated

**Explanation:** The rsh client has issued a command that does not have a password in it. The trusted host installation exit has been invoked. This message is only written to the log file if syslogd.conf has been configured and LOG\_INFO has been specified.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS49I** Trusted host authentication failed.

**Explanation:** The rsh client has issued a command that does not have a password in it. The trusted host installation exit has been invoked. The installation exit returned something other than a zero (0) return code. This message will be followed by message EZYRS36I. These messages are only written to the log file if syslogd.conf has been configured and LOG\_INFO has been specified.

**System action:** RSHD ends.

**Operator response:** The .rhosts file has incorrect information or there has been an attempt to circumvent the authentication.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS50E** *function failed. description* **rsn = errnojr**

**Explanation:** An unexpected value was returned from *function*. Processing ends.

*function* is the name of the C/C++ run-time function. See the *z/OS XL C/C++ Run-Time Library Reference* for information about C/C++ run-time functions.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in

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the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** RSHD ends.

**Operator response:** Reissue the RSH command, if the problem persists contact the system programmer.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** rshd.c

**Procedure Name:** main()

---

### EZYRS51I Stderr socket is *socket*

**Explanation:** Shows the socket number used for the standard error connection. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in *syslogd*.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

### EZYRS52I Int(*socket*): 20-bytes hex data 10 char ascii

**Explanation:** Shows the data being sent from the client to the server after the command has been read. *socket* is the socket from which the data was read. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in *syslogd*.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

### EZYRS53I Ont(*socket*): 20-bytes hex data 10 char ascii

**Explanation:** Shows the data being sent from the server to the client after the command has been read. *socket* is the socket to which the data was written. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in *syslogd*.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

### EZYRS54I Signal *sigval* received on socket *socket*

**Explanation:** Shows the value of a signal received from the client. This signal will be passed to the child process executing the command. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in *syslogd*.

**System action:** RSHD continues.

**Operator response:** None.



**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS55I** EOF received on socket *socket*

**Explanation:** Indicates a EOF was received on the socket. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS56I** Child stdin socket is *socket*

**Explanation:** Identifies the socket assigned in the parent process to the child standard input. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS57I** Child stdout socket is *socket*

**Explanation:** Identifies the socket assigned in the parent process to the child standard output. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS58I** Child stderr socket is *socket*

**Explanation:** Identifies the socket assigned in the parent process to the child standard error. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS59I Kerberos function *funcname* return code *rcode***

**Explanation:** This message is issued for debugging, error conditions, or both. It is written to syslog. It might be returned to the orshd client. If debugging is on for orshd, this message indicates that the Kerberos run-time function completed and gives the return code. If debugging is off for orshd, this message is issued if the Kerberos run-time function completes with a nonzero return code.

*funcname* is the Kerberos run-time function. Kerberos run-time functions are documented in the *z/OS Integrated Security Services Network Authentication Service Administration*.

*rcode* is the hexadecimal return code from the Kerberos run-time function. The return codes from the run-time functions are documented in the *z/OS Integrated Security Services Network Authentication Service Administration* under Kerberos Runtime Codes.

**System action:** orshd ends.

**Operator response:** If the message has a nonzero return code, the orshd client might not be authorized for kerberos use of orshd. Check with your system administrator.

**System programmer response:** Verify that the orsh client is authorized for Kerberos V5. Verify the Kerberos configuration.

**Module:** rshdkerb

**Procedure Name:** do\_kerb5()

---

**EZYRS60E Kerberos error - *errortype***

**Explanation:** This message is issued to syslog when the orshd server detects an error in the Kerberos communication with the client.

*errortype* can be one of the following:

**V1 validation**

In the Kerberos exchange between client and server, the V1 validation failed.

**V2 validation**

In the Kerberos exchange between client and server, the V2 validation failed.

**AP REQ validation**

In the Kerberos exchange between client and server, the AP REQ validation failed.

**checksum failed**

The orshd server start up configuration options specify that the Kerberos checksum must be valid (using -m option). In the Kerberos exchange between client and server, the checksum was not valid.

**encryption required**

The orshd server start up configuration options specify that kerberos and encryption will be used (using -e option). In the exchange between client and server, the client did not specify encryption.

**forwarding is unsupported**

**Credentials forwarding** was requested by the orsh Kerberos client. The orshd server does not support credentials forwarding.

**System action:** orshd ends.

**Operator response:** Contact the system or network administrator.

**System programmer response:** Turn on debugging for orshd to determine where in the Kerberos flow the error occurred. Verify that the orsh client is a valid Kerberos V5 client. There is probably a mismatch in the Kerberos support or options supported between the orsh client and server. Review the Kerberos configuration between the client and the server.

**Module:** rshdkerb

**Procedure Name:** do\_kerb5()

---

---

**EZYRS61E** GSS-API function *funcname* error - *errmsg*

**Explanation:** This message is written to syslog by the orshd server. The Kerberos GSS-API run-time function failed. The text error message is provided.

*funcname* is the GSS-API run-time function that completed in error. GSS-API run-time functions are documented in the *z/OS Integrated Security Services Network Authentication Service Programming*.

*errmsg* is the text error message returned by the GSS-API run-time library. The messages from the run-time functions are documented in the *z/OS Integrated Security Services Network Authentication Service Administration*.

**System action:** orshd ends.

**Operator response:** The orshd client might not be authorized for GSS-API use of orshd. Contact your system administrator.

**System programmer response:** Turn on rshd debugging to determine where in the flow the error occurred. Verify that the client supports and is authorized for GSS. Verify the Kerberos GSS configuration between the client and server.

**Module:** rshdgss

**Procedure Name:** do\_gssapi()

---

**EZYRS62E** GSS-API function CALLING error *call\_error* ROUTINE error *routine\_error*

**Explanation:** This orshd message accompanies EZYRS61E. When a GSS-API run-time function has a nonzero return code, the message is written to syslog. This message identifies the GSS-API CALLING error and the ROUTINE error as defined by the GSS-API, and might be used for debugging.

*call\_error* is the calling error part of the major status value returned by the GSS-API run-time library function. The major status value is described in the *z/OS Integrated Security Services Network Authentication Service Programming*.

*routine\_error* is the routine error part of the major status value returned by the GSS-API run-time library function. The major status value is described in the *z/OS Integrated Security Services Network Authentication Service Programming*.

**System action:** orshd ends.

**Operator response:** The orshd client might not be authorized for GSS-API use of orshd. Contact your system administrator.

**System programmer response:** Verify that the client supports and is authorized for GSS. Verify the Kerberos GSS configuration between the client and server.

**Module:** rshdgss

**Procedure Name:** do\_gssapi()

---

**EZYRS63I** GSS-API function *funcname* complete

**Explanation:** This is an orshd informational message written to syslog if orshd has debugging turned on. It is used to determine which of the GSS-API run-time functions have completed successfully.

*funcname* is the GSS-API run-time function that completed. GSS-API run-time functions are documented in the *z/OS Integrated Security Services Network Authentication Service Programming*.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshdgss

**Procedure Name:** do\_gssapi()

---

### EZYRS64I GSS-API received a token of length *token\_length*

**Explanation:** This is an orshd GSS-API informational message written to syslog. It is a progress message for debugging and indicates that the orshd server received the GSS-API token from the client.

*token\_length* is the decimal length of the GSS-API token received from the orsh client.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshdgss

**Procedure Name:** do\_gssapi()

---

### EZYRS65I GSS-API sent token of length *token\_length*

**Explanation:** This is an orshd GSS-API informational message written to syslog. It is a progress message for debugging and indicates that the orshd server sent the GSS-API token to the client.

*token\_length* is the decimal length of the GSS-API token sent to the orsh client.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshdgss

**Procedure Name:** do\_gssapi()

---

### EZYRS66W -k start option not valid for IPv6 connection

**Explanation:** Kerberos version 5.0 or the GSSAPI is not supported for IPv6 connections.

**System action:** Connection to the client is closed.

**Operator response:** If tcp6 is specified in the inetd configuration file for the shell service, then start RSHD without the -k start option.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** main()

---

---

## Chapter 11. EZYT<sub>xxxx</sub> messages

---

### EZYTE01E Cannot translate current code page.

**Explanation:** This message is written to the client as well as the syslog file. An invalid return code was received from the routine `initxlate()`, using the default code page ISO8859-1. The connection ends. This could be the result of one of the following conditions:

- Invalid return from `iconv_open()` for building either the ASCII EBCDIC translation table or the EBCDIC to ASCII translation table.
- Invalid return from `iconv()` after opening the translate table.

**System action:** Processing ends.

**Operator response:** Look for further information regarding the failure in the syslog file.

**System programmer response:** Correct the problem with the translation tables and reexecute the job.

**Module:** `telnetd.c`

**Procedure Name:** `main`

---

### EZYTE02E Invalid suboption in `/etc/inetd.conf`. Option = *option*

**Explanation:** An invalid suboption has been specified in the `/etc/inetd.conf` file for `-a`, `-c`, `-D`, or `-X` option.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the configuration options in `/etc/inetd.conf` for the entry `otelnetd` under the column service name.

**Module:** `telnetd.c`

**Procedure Name:** `main`

---

### EZYTE03E Invalid option in `/etc/inetd.conf`. Option = *option*

**Explanation:** An invalid option has been specified in the `/etc/inetd.conf` file for `telnetd`.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the configuration options in `/etc/inetd.conf` for the entry `otelnetd` under the column service name.

**Module:** `telnetd.c`

**Procedure Name:** `main`

---

### EZYTE04I `catgets` *description* `rsn` = *errnojr*

**Explanation:** This describes an error which occurred with the first attempt to retrieve a message from the message catalog. If this message appears, `otelnetd` will use the default messages hard-coded within the software. Otherwise, `otelnetd` will be use the message catalog stored in the file `/usr/lib/nls/msg/C/tmmsgs.cat`.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None.

## EZYTE05I • EZYTE09E

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** main

---

**EZYTE05I** Trace *debug* **Debug** *diag* **keepalive** *keepaliv* **kludgeline***mode* *lmode* **hostinfo** *hostinfo* **Registered host** *registerd\_host* **linemode** *always* **multi\_proc** *multi\_proc*

**Explanation:** If -D report/all is specified, the above messages will be issued. They describe the parameter settings after the /etc/inetd.conf for telnet is read and processed. Trace flag corresponds to -t. Debug flag corresponds to -D. linemode flags corresponds to -l. Kludgeline mode corresponds to -k. Keepalives correspond to -n. hostinfo flags correspond to -h and Registered host - U. multi\_proc corresponds to -m.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** main

---

**EZYTE07E** Errors found during processing /etc/inetd.conf. Check the syslog file for more information.

**Explanation:** This message is written to the client not the syslog file. It is informing the user that the parameters which were specified for telnet server are invalid.

**System action:** Processing continues.

**Operator response:** Check the /etc/inetd.conf for the parameters specified. Check the stderr file to determine which parameters were identified as invalid. The supported options will be printed in the syslog file. Correct the error and retry.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** usage

---

**EZYTE08I** Usage: Supported options for telnetd:

**Explanation:** This message displays a list of all supported options for otelnetd. See *z/OS Communications Server: IP Configuration Guide* for more information.

**System action:** Processing ends.

**Operator response:** Log in again after the system programmer corrects the invalid options.

**System programmer response:** Correct the invalid options in /etc/inetd.conf.

**Module:** telnetd.c

**Procedure Name:** usage

---

**EZYTE09E** Telnet session is ending.

**Explanation:** This message is written to the client as well as the syslog file. An error was found during processing the telnet server options.

**System action:** Processing ends.

**Operator response:** Correct the invalid option and re-execute the job.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** usage

---

---

**EZYTE10I** terminaltypeok: call tgetent (buf, terminal type)

**Explanation:** This message is issued if -t is specified for tracing. It identifies the terminal type which is being negotiated for this connection.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** terminaltypeok

---

**EZYTE11I** doit: host\_name host name doit: IP address IP\_address doit: PORT port doit: host host\_name

**Explanation:** The following are variables that are set as a result of the gethostname(), gethostbyname(), getnameinfo(), or getaddrinfo().

- *host\_name* is the name server name related to the IP address of the client.
- *IP\_address* is the Internet address of the client.
- *port* is the port that the client is using.
- *host\_name* is the MVS system being telnetted to.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** doit

---

**EZYTE12E** userid Permission denied.

**Explanation:** This message is written to the client as well as the syslog file. The security checks for the user ID specified failed.

**System action:** Processing ends.

**Operator response:** Verify that the user ID specified is valid for the system trying to access. Verify that the password is the correct password for this userid. Retry the access.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** doit

---

**EZYTE13E** setgid failed description rsn = reason code

**Explanation:** This message is written to the client as well as the syslog file. A set group ID subroutine failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

**Module:** telnetd.c

## EZYTE14E • EZYTE16I

**Procedure Name:** doit()

---

**EZYTE14E** **initgroups failed** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. An initgroups subroutine failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The subroutine can fail for the following reasons:

- The number of supplementary groups for the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTE15E** **setuid failed** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. A setuid failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Contact the system programmer.

**System programmer response:** A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTE16I** **uid is: uid, gid is gid**

**Explanation:** X is the uid that is obtained from the password structure and Y is the gid that is obtained from the password structure. This message is written to the trace file if -t is specified as a telnet server option.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** doit()

---



---

**EZYTE17I interrupt()**

**Explanation:** Entered the interrupt subroutine. Used for tracing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** interrupt()

---

**EZYTE18I sendbrk()**

**Explanation:** Entered the sendbrk subroutine. Used for tracing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** sendbrk()

---

**EZYTE19I sendsusp()**

**Explanation:** Entered the sendsusp subroutine. Used for tracing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** sendsusp()

---

**EZYTE20I rcv\_ayt()**

**Explanation:** Entered the rcv\_ayt subroutine. Used for tracing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** rcv\_ayt()

---

**EZYTE21I doeof()**

**Explanation:** Entered the doeof subroutine. Used for tracing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** doeof()

---

## EZYTE22I • EZYTE25E

---

**EZYTE22I**    **herald()**

**Explanation:** Entered the herald subroutine. Used for tracing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

**EZYTE23E**    **herald: read error** *description* **rsn = errnojr**

**Explanation:** An attempt was done on /etc/banner to read in the herald. The read failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** Correct the error indicated by *description* and *errnojr*.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

**EZYTE24E**    **herald: open error** *description* **rsn = errnojr**

**Explanation:** An attempt was done to open /etc/banner in the herald. The open failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** Correct the error indicated by *description* and *errnojr*.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

**EZYTE25E**    **herald: malloc error** *description* **rsn = errnojr**

**Explanation:** An attempt was done to malloc/etc/banner in the herald. The malloc failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** Correct the error indicated by *description* and *errnojr*.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

**EZYTE26E** **herald: stat error** *description* **rsn = errnojr**

**Explanation:** An attempt was done to stat /etc/banner in the herald. The stat failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** Correct the error indicated by *description* and *errnojr*. If an additional header is not stored in the /etc/banner file, specify -h on telnet configuration parameters to suppress the call to this routine for processing.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

**EZYTE27I** **login:**

**Explanation:** This message is written to the client not the syslog file. A request from the server to the user to enter their userid.

**System action:** Processing continues.

**Operator response:** Specify the correct user ID for the system which you are telnet'ing to. Processing continues.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** verify\_password()

---

**EZYTE28I** *userid* **Password:**

**Explanation:** This message is written to the client not the syslog file. A request from the server to the user to enter their password.

**System action:** Processing continues.

**Operator response:** Specify the correct password for the user ID previously issued. Processing continues.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** verify\_password()

---

**EZYTE29I** **Starting new telnet session. catfd = catfd**

**Explanation:** Informational message identifying the first message issued by the server when diagnostic processing is specified. It also outputs the file descriptor associated with the message catalog. If this value is -1, than the user will be using the default messages hard-coded within the software. Otherwise, the user will be accessing the message catalog stored in the /usr/lib/nls/msg/C/tnmsgs.cat.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** main

---

## EZYTE30E • EZYTE34I

---

### EZYTE30E Invalid return code received from expired\_pw().

**Explanation:** This message is written to the client as well as the syslog file. The password entered for the user ID specified has expired. The MVS SAF routine has been called to verify the new password entered. It complained resulting in the failure.

**System action:** Processing ends.

**Operator response:** Check for more information about the \_\_passwd function in your syslog. Specify a valid new password and retry.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** verify\_password()

---

### EZYTE31E Processing ends. Caller is not a member of BPX.DAEMON facility.

**Explanation:** This message is written to the client as well as the syslog file. The return from \_\_passwd() function resulted in an errno of EPERM. This informs the user that they are not a member of the BPX.DAEMON security package.

**System action:** Error

**Operator response:** Contact your system support programmer to enable you for BPX.DAEMON

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** verify\_password()

---

### EZYTE32W You entered an invalid login name or password.

**Explanation:** This message is written to the client as well as the syslog file. The return from \_\_passwd() function resulted in an errno stating that the password/user ID combination is invalid. The user will get three attempts to issue the correct password for the user ID specified. After the third invalid attempt the connection is ended.

**System action:** Processing continues until after the third attempt, then it is ended.

**Operator response:** Ensure you are issuing the correct password/user ID and retry.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** verify\_password()

---

### EZYTE33W Password expired.

**Explanation:** This message is written to the client as well as the syslog file. The return from \_\_passwd() function indicates that the password entered has expired.

**System action:** Processing continues.

**Operator response:** The program will continue processing and request that the user specify a new password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** expired\_pw()

---

### EZYTE34I Enter new password.

**Explanation:** This message is written to the client and not the syslog file. The return from \_\_passwd() function indicates that the password entered has expired. A request for a new password is indicated.

**System action:** Processing continues.

**Operator response:** Enter new password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** expired\_pw()

---

**EZYTE35I Re-enter new password.**

**Explanation:** This message is written to the client and not the syslog file. Reenter the password again to check for typos on entering the expired password.

**System action:** Processing continues.

**Operator response:** Enter new password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** expired\_pw()

---

**EZYTE36E You entered an invalid password.**

**Explanation:** This message is written to the client as well as syslog file. A call was made to `__passwd()` to change the expired password. The new password specified resulted in errors.

**System action:** Processing continues.

**Operator response:** Check the *errno* and *errnojr* for more information. Enter new password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** expired\_pw()

---

**EZYTE37E New passwords do not match.**

**Explanation:** This message is written to the client as well as syslog file. The second password entered does not match the first password entered.

**System action:** Processing continues.

**Operator response:** reenter new password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** expired\_pw()

---

**EZYTE38E Password too long.**

**Explanation:** This message is written to the client as well as syslog file. The password specified is too long. Only a maximum of eight characters can be used for the password.

**System action:** Processing continues.

**Operator response:** Pick a new password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** expired\_pw()

---

## EZYTE39W • EZYTE44E

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### EZYTE39W Terminal type = DUMB. No full screen applications are supported

**Explanation:** This message is written to the syslog during diagnostic processing. Basically the terminal type specified during telnet negotiation was unsupported. Processing will continue but it will act as a dumb terminal. This means that all full screen applications will not work. Character-at-a-time raw mode applications such as **vi** will not work with a dumb terminal because they require full screen cursor support. Terminal types identified as 3270 will be changed to DUMB terminals.

**System action:** Processing continues.

**Operator response:** Do not use any full screen application.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** getterminaltype

---

### EZYTE40E cleanup: waitpid failed. *description* rsn = *errnojr*

**Explanation:** The `waiidpid()` provides a general interface that need to wait for certain child processes, that need resource utilization statistics accumulated by child process. A -1 was returned from the `waitpid()` for the child.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** The following conditions could be the result of an `waitpid` failure.

- The calling process has no existing unwaited-for child processes.
- The `wait_status` point to an illegal address.
- The call was interrupted by a caught signal or the signal did not have the SA\_RESTART flag set.

**Module:** telnetd.c

**Procedure Name:** `cleanup()`

---

### EZYTE41I cleanup: child exit status = *wait status*

**Explanation:** The result of the `waitpid` specified during cleanup.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** `cleanup()`

---

### EZYTE44E Fork utmp error. *description* rsn = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file. The parent process is trying to fork off a child process. It has not been able to do this.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTE45E** parent: utmp error = *wait status*

**Explanation:** The parent process is responding to the waitpid issued for the utmp processing. The parent could not cleanup the pid entry for the user ID specified.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Possibly the /etc/utmpx file had been updated already to remove the user ID associated with this pid number.

**Module:** telnetd.c

**Procedure Name:** cleanup()

---

**EZYTE46E** EXECL: error *description* rsn = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file. An error has occurred in trying to open the shell process to do the requested command.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Retry the command. If the problem persists contact the system programmer.

**System programmer response:** An execl can fail for the following reasons:

- The new process's combined argument list and environment list has more bytes than the system defined limit ARG\_MAX.
- The process did not have appropriate permissions to run the specified file for one of the following reasons:
  - The process did not have permission to search a directory named in your path.
  - The process did not have execute permission for the file to be run.
  - The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory. Correct the error indicated by *description* and *errnojr*.

**Module:** telnetd.c

**Procedure Name:** doit()

---

## EZYTE47I • EZYTE51W

---

**EZYTE47I**    **Int:** 20 bytes hex data 10 char ascii .

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE48I**    **Ont:** 20 bytes hex data 10 char ascii .

**Explanation:** This is hex/ascii representation of data which was outputted from the telnet server to the client via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE49I**    **Ipt:** 20 bytes hex data 10 char ascii .

**Explanation:** This is hex/ascii representation of data which was inputted from the child to the telnet server via the master file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all. There might be an additional 4 bytes which are control data which will not be displayed with this message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE51W**    **terminaltypeok: Tgetent failure**

**Explanation:** The terminal type which was passed to the CURSES routine tgetent, did not match the supported types. Processing will attempt to negotiate a new terminal type. The supported terminal types can be found in /usr/lib/terminfo/ibm

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** terminaltypeok()

---



---

**EZYTE52E** Couldn't resolve your address into a host name. IP address is *IP address description rsn = errnojr*

**Explanation:** This message is written to the client as well as the syslog file. The function call to a `gethostbyaddr()` or `getnameinfo()` resulted in a failure. `gethostbyaddr()` or `getnameinfo()` returns a pointer to an object describing an Internet host referenced by address. This structure contains the information obtained from the name server.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends. if -U specified. Otherwise, processing continues.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*. The following are possible reasons for failure:

- No such host is known.
- The local server did not receive a response from an authoritative server. Retry at some later time.
- Some unexpected server failure was encountered.
- The requested name is valid but does not have an IP address associated with this name.
- The local name server might be down.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTE54E** All network ports in use.

**Explanation:** This message is written to the client as well as the syslog file. An attempt was made to identify ttys for the child process. An associated tty could not be obtained.

**System action:** Processing ends.

**Operator response:** Wait until some network ports are available.

**System programmer response:** Ensure that you have enough `/dev/ptypXXXX` and `/dev/ttyXXXX` for the number of users accessing your system. Examine the ports in use and ensure that none of them are zombies. Eliminate any zombies if found to free up some more ports.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTE55E** Getpty failed.

**Explanation:** An attempt was made to identify ttys for the child process. An associated tty could not be obtained.

**System action:** Processing ends.

**Operator response:** Wait until some network ports are available.

**System programmer response:** Ensure that you have enough `/dev/ptypXXXX` and `/dev/ttyXXXX` for the number of users accessing your system. Examine the ports in use and ensure that none of them are zombies. Eliminate any zombies if found to free up some more ports.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTE56I** Yes

**Explanation:** This message is written to the client not the syslog file. A request was issued for AYT by the user.

**System action:** Processing continues.

**Operator response:** None.

## EZYTE57I • EZYTE61E

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** recv\_ayt()

---

### EZYTE57I TELNETD: netwrite *len* chars

**Explanation:** The software issued data to be written to the client. This identifies the number of characters transmitted over the socket.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** recv\_ayt

---

### EZYTE59I read\_pw: Character ignored *char*

**Explanation:** Telnet was reading in information typed in by the user (usually user ID or password). There is an extraneous byte of information received after the carriage return (new line). This byte is ignored and processing is continued.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

### EZYTE60I cleanup(): child\_pid = *child\_pid*

**Explanation:** The child\_pid specified is associated with the spawn issued at the start of this connection for the child.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** cleanup()

---

### EZYTE61E parent: waitpid failed, status = *wait status*

**Explanation:** The waitpid() provides a general interface that need to wait for certain child processes, that need resource utilization statistics accumulated by child process. A -1 was returned from the waitpid() for the child.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** The following conditions could be the result of an waitpid failure.

- The calling process has no existing unwaited-for child processes.
- The wait\_status point to an illegal address.
- The call was interrupted by a caught signal or the signal did not have the SA\_RESTART flag set.

**Module:** telnetd.c

**Procedure Name:** cleanup()

---

---

**EZYTE63I**    **Int:** 20 bytes hex data 10 char ascii .

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to telnet negotiation data seen during processing of password and/or userid.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

**EZYTE64I**    **Int:** 20 bytes hex data 10 char ascii .

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to input data received for password/user ID which exceeds the length of the buffer for password/user ID (8 bytes). This data will be ignored for further processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

**EZYTE65I**    **PROTOCOL:** send IAC Data Mark.

**Explanation:** A Data mark was sent to the client by the server.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE66I**    **PROTOCOL:** **Imodetype** = *Imodetype* **linemode** = *linemode* **useline** *useline*

**Explanation:**

**Imodetype** signifies whether the client handle real linemode or if use of kludgelinemode is needed. It will be set to one of the following:

- 0x04 REAL-LINEMODE - use the linemode option
- 0x03 KLUDGE-OK
- 0x02 NO-AUTOKLUDGE
- 0x01 KLUDGE-LINMEODE - use kludge linemode
- 0x00 NO-LINMODE - client is ignorant of linemode

**linemode** is true if linemode is currently on.

**uselinemode** is the state that we wish to be in.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

## EZYTE67I • EZYTE70W

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE67I S(nfd): socketfd..ibits=ibits obits=obits ebits=ebits S(nfd): pty...ibits=ibits obits=obits ebits=ebits**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the read, write and exceptions on either the masterfd (pty) or the socketfd. They are associated with what will happen within the protocol function. They determine if reading/writing of the master file descriptor or the socket file descriptor will occur. They will also determine if there is an exception outstanding on a particular pty which needs to be addressed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE68I Ept: #bytes = cc pkcontrol(cntl) cntl**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An exception condition was identified which needs to be processed. This identifies the number of bytes read in for the exception and what the actual exception condition was which needs to be handled.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE69I PROTOCOL: cntl = cntl**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. The resulting exception condition after it has been processed with out-of-band data.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE70W PROTOCOL: Found an unknown exception.**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An exception was read in which we are not processing currently. It is ignored. The ones currently handled are:

- FLUSHWRITE
- DOSTOP
- NOSTOP
- CHCP
- IOCTL

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE71I SYNCHing is turned on**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE72I PROTOCOL: netread *ncc* chars.**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. Identifies the number of bytes read in from the client to be either sent on to the child or processed by the server.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE73I PROTOCOL: EOF on socket.**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE74I PROTOCOL: EOF on master tty.**

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An EOF was received on the master tty. This results in the cleanup routine being called and the session eventually terminated.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

## EZYTE78I • EZYTE81E

---

**EZYTE78I**    **PROTOCOL:** `ptyread pcc chars`

**Explanation:** These messages are only issued if `-D report` or `-D netdata` specified in `/etc/inetd.conf`. They correlate to the number of bytes read in from the child. They will be sent on to the client after processing by the server.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** `protocol.h`

**Procedure Name:** `telnet()`

---

**EZYTE79E**    **PROTOCOL:** `select mask too small, increase FD_SETSIZE` *description* `rsn = errnojr`

**Explanation:** This message is written to the client as well as the syslog file. `select` uses bit masks of file descriptors in longs. `FD_SETSIZE` is defaulted to 2048.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Increase the `FD_SETSIZE` to an appropriate number and rebuild the server.

**Module:** `protocol.h`

**Procedure Name:** `telnet()`

---

**EZYTE80W**    **PROTOCOL:** `select` *description* `rsn = errnojr`

**Explanation:** This message is written to the syslog file when the `select()` function Call has terminated due to a timeout value being exceeded. The telnet session is ended.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Session is cancelled due to timeout.

**Operator response:** None.

**System programmer response:** Check the `-c` value in the `/etc/inetd.conf` file to verify that the timeout value is appropriate.

- The `select()` timed out.
- The telnet session is ended due to the `select()` timeout.
- Check the `-c` select timeout value in the `/etc/inetd.conf` file.

**Module:** `protocol.h`

**Procedure Name:** `telnet()`

---

**EZYTE81E**    **PROTOCOL:** `ioctl net FIONBIO`. *description* `rsn = errnojr`

**Explanation:** An unexpected value was returned from the `ioctl`.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*. The following are some possible explanations of the failure:

- The file descriptor specified is invalid.
- The file descriptor specified is not associated with a character special device.
- The specified request does not apply to the kind of object that the socket file descriptor references.

**Module:** protocol.h

**Procedure Name:** telnet()

**EZYTE82E    PROTOCOL: error fcntl masterfd FIONBIO.** *description rsn = errnojr*

**Explanation:** An unexpected value was returned from the ioctl.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*. The following are some possible explanations of the failure:

- The file descriptor specified is invalid.
- The file descriptor specified is not associated with a character special device.
- The specified request does not apply to the kind of object that the socket file descriptor references.

**Module:** protocol.h

**Procedure Name:** telnet()

**EZYTE84I    PROTOCOL: SIMULATING receive**

**Explanation:** An unexpected value was returned from the ioctl.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

**EZYTE85I    SYNCHing = SYNCHing**

**Explanation:** An unexpected value was returned from the ioctl.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

## EZYTE86W • EZYTO02I

---

**EZYTE86W TELNETD: setitimer** *description* **rsn = errnojr**

**Explanation:** This message is written to the syslog file when the setitimer expires due to the timeout value being exceeded before the user had logged in. The telnet session is ended.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Session is cancelled due to timeout.

**Operator response:** None.

**System programmer response:** Check the -c value in the /etc/inetd.conf file to verify that the timeout value is appropriate.

- The user timed out before logging in.
- The telnet session is ended due to the user timeout.
- Check the -c timeout value in the /etc/inetd.conf file.

**Module:** telnetd.c

**Procedure Name:** telnet()

---

**EZYTE87W TELNETD: sigaction() failed -** *description* **rsn = errnojr**

**Explanation:** This message is written to the syslog file when the sigaction() has failed. This will cause the user timeout value before login (-c option) not to be set. The telnet session continues without the timeout set.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Signal handler for SIGALRM not set up, user timeout before login will not be set.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** telnetd.c

**Procedure Name:** telnet()

---

**EZYTO01I Int:** *20 bytes hex data 10 char ascii* .

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to input data received for password/user ID processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

**EZYTO02I Ont:** *20 bytes hex data 10 char ascii*.

**Explanation:** This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for password/user ID processing.

**System action:** Processing continues.



**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

**EZYTO03E Incoming session is not from a registered host.**

**Explanation:** The server has been configured with a -U option which stipulates that only registered hosts will be accepted. The telnet session currently being processed is not registered and will be rejected.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Ensure that the incoming address is specified in the appropriate name server or etc/host file.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYTO04I lusername = userid**

**Explanation:** During processing of the userid/password, this message is issued if diagnostic processing is turned on. It will print out the user ID which was entered.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** verify\_password()

---

**EZYTO05I Initial EBCDIC codepage = codepage, ascii codepage = codepage**

**Explanation:** If diagnostic processing is turned on, this message will indicate what the initial code page settings are.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** main()

---

**EZYTO06I Int: 20 bytes hex data 10 char ascii.**

**Explanation:** This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for banner processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

## EZYT007I • EZYT010E

---

**EZYT007I**   **Ont:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was outputted to the client from the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for banner processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** herald()

---

**EZYT008E**   **Password too long.**

**Explanation:** This message is written to the client as well as syslog file. The password specified is too long. Only a maximum of eight characters can be used for the password.

**System action:** Processing continues.

**Operator response:** Specify a correct password.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

**EZYT009I**   **options(entry) = value .**

**Explanation:** This message is written to the syslog file. It identifies which options have been negotiated prior to the exec() taking place in the telnet server. The option array entry corresponds to a telnet option. The resulting value represents what was negotiated. If the value is 3 it correlates with the client has agreed to perform that function. If it is 12, then the server has agreed to perform this function.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** doit()

---

**EZYT010E**   **Terminaltype is not recognized.** *save\_ttype*

**Explanation:** The client responded to a DO TERMINAL TYPE, with a WILL TERMINAL TYPE. It then proceeded to send via subnegotiation, terminal types which are not supported by this server. As a valid terminal type was not received the session is ended.

**System action:** Processing ends

**Operator response:** Ensure that the client you are using can support terminal types which are supported by the curses function of tgetent(). At this time, this does not include 3270. Therefore, if your client is attempting to emulate a 3270 data stream the connection will not be accepted by this server.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** doit()

---

---

**EZYTO11I**    **Int:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for telnet subnegotiation which was deferred until the tty was active.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** undo\_chars()

---

**EZYTO12E**    **Logon user name too long.**

**Explanation:** This message is written to the client as well as syslog file. The logon user name specified is too long. Only a maximum of eight characters can be used for the userid.

**System action:** Processing continues.

**Operator response:** Specify a correct userid.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read\_pw()

---

**EZYTS02I**    **STATE:telrcv: send IAC c**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation SENT during the execution of the job.

**System action:** Telnet Server continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** telrcv

---

**EZYTS03E**    **STATE:telrcv: panic state = state**

**Explanation:** An IAC command is found during telnet negotiation and is followed by an unrecognized command option.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Issue traces to determine what was attempting to be negotiated as telnet control data. Trace to issue from server is '-D options'.

**Module:** state.c

**Procedure Name:** telrcv

---

**EZYTS04I**    **STATE:send\_do: send option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a request to issue a DO option.

**System action:** Processing continues.

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**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** send\_do

---

**EZYTS05I STATE:willoption: receive WILL option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically the receipt of WILL request.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** willoption

---

**EZYTS06I STATE:willoption: set to kludge ok**

**Explanation:** This is an informational message which is only issued if the user has specified -t in the /etc/inetd.conf file. It informs the user that kludgelinemode is operational.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** willoption

---

**EZYTS07I STATE:send\_dont: send DON'T option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a request to issue a DONT option.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** send\_dont

---

**EZYTS08I STATE:wontoption: receive WON'T option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WONT was received.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** wontoption

---

**EZYTS09I STATE:send\_will: send WILL option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WILL was sent.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** send\_will

---

**EZYTS10I STATE:dooption: receive DO option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DO was received.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** dooption

---

**EZYTS11I STATE:send\_wont: send WONT option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WONT was sent.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** send\_wont

---

**EZYTS12I STATE:dontoption: receive DON'T option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DONT was received.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** dontoption

---

**EZYTS13I ENVIRON VALUE and VAR are reversed!**

**Explanation:** This is an informational message which is only issued if the user has specified -D options in the /etc/inetd.conf file. This is issued during suboption negotiation. To be interoperable we need to determine if the VALUE and VAR values are reversed. If the first recognized character is a VAR or VALUE, then that will tell what type of client it is. If the first recognized character is a USERVAR, then we continue scanning the suboption looking

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for two consecutive VAR or VALUE fields. We should not get two consecutive VALUE fields. If a client has sent a well-formed option then the number of VALUEs received should always be less than or equal to the number of VARS and USERVARs received. If not then the client has reversed the definitions.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** suboption

---

**EZYTS14I**    **Opt:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was Outputted from the client to the child via the master file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** telrcv()

---

**EZYTS15I**    **STATE:doooption:deferred receive DO** option

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DO was received prior to the creation of the tty which might require special tty processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** dooption

---

**EZYTS16I**    **STATE:willoption:deferred receive WILL** option

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WILL was received prior to the creation of the tty which might require special tty processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** willoption

---

**EZYTS17I**    **STATE:Defer subotopn negotiation.**

**Explanation:** This is an informational message that is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. Subnegotiation data was received that must be deferred until the tty is active.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** suboption()

**EZYTS18I STATE:Process deferred subotopn negotiation.**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. Subnegotiation data was received that must be deferred until the tty is active. Now we can process this information.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** suboption()

**EZYTU01E UTILITY:Read from tloop. *description* rsn = *errnojr***

**Explanation:** This message is written to the client as well as the syslog file. The number of bytes returned from a read on the socketfd (client) is invalid. A negative value was received. The connection is ended.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Correct the error indicated by *description* and *errnojr*.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** tloop

**EZYTU02E UTILITY:Read from tloop. Peer died. *description* rsn = *errnojr***

**Explanation:** This message is written to the client as well as the syslog file. The number of bytes returned from a read on the socketfd (client) is invalid. A value of zero was received. The connection is ended.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** Correct the error indicated by *description* and *errnojr*.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** tloop

**EZYTU03I** UTILITY:ttloop read *ncc* chars.

**Explanation:** This message is issued if -D report or -D pydata, is specified. It will write the number of characters that were read in from the socketfd, (client's socket) to be processed. It will be followed by hex data, preceded by the tag **Int**. This signifies a hex and ascii representation of input data coming into the telnet server from the network.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** ttloop

---

**EZYTU04E** Telnetd: UTILITY: Can not translate current code page.

**Explanation:** This message is written to the client as well as the syslog file. An error was found while processing the initslate() routine. The function will terminate the connection.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Check for additional messages issued.

**Module:** utility.c

**Procedure Name:** ReturnToDefault

---

**EZYTU05E** UTILITY: \_\_tsetcp. *description* rsn = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file. An error was found while processing the default code pages.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** utility.c

**Procedure Name:** ReturnToDefault

---

**EZYTU06E** Error using code pages *newNames.\_\_tcp\_toname* and *newNames.\_\_tcp\_fromname* - returning to default code pages.

**Explanation:** This message will be issued to the client and only to syslog file, if *debug\_mode* is specified. The current code pages are not working correctly. Telnet is returning to the default code pages. If -D netdata is specified, this message will be followed by the hex and ascii translation of this message preceded by the tag 'Ont'.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Check the installation of the code pages. If requested code page is not valid, generate the appropriate codepage. Otherwise, if the option is valid, check to see if codepage is still good.

**Module:** utility.c

**Procedure Name:** ReturnToDefault

---



---

**EZYTU07E** UTILITY: `__tcgetcp`. *description* `rsn = errnojr`

**Explanation:** This message is written to the client as well as the syslog file. An error was found while changing the code pages.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** The connection is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** utility.c

**Procedure Name:** change\_translate

---

**EZYTU08I** Telnetd: UTILITY: **Change to binary mode.**

**Explanation:** The tty has been switched to binary mode.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** change\_translate

---

**EZYTU09I** UTILITY: **Change to SingleByte pages** *newNames.\_\_tcp\_toname* *newNames.\_\_tcp\_fromname*

**Explanation:** This is a single byte code page. A call to `initxlate()` will be made to setup the new code pages.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** change\_translate

---

**EZYTU10I** UTILITY: **Change to MultiByte pages** *newNames.\_\_tcp\_toname* *newNames.\_\_tcp\_fromname*

**Explanation:** This is a multi-byte code page. A call to `doMultiByte()` will be made to setup the new code pages.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** doMultiByte

---

**EZYTU11E** UTILITY: **Unexpected input string** *description* `rsn = errnojr`

**Explanation:** This message is written to the client as well as the syslog file. The `errno` identified from `iconv` (on the `ascii` to `EBCDIC` converter) was `EINVAL`. `EINVAL` should only be encountered when the last character in the input buffer is incomplete. This did not occur.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in

## EZYTU12E • EZYTU14I

the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** A2Emultiybyte\_translate

---

**EZYTU12E UTILITY: Unexpected iconv error** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** A2Emultiybyte\_translate

---

**EZYTU13E UTILITY: stilloob: select** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. A check on the file descriptor was made to determine if out of band data existed. An invalid value was returned. The value was less than zero.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** stilloob.

---

**EZYTU14I UTILITY: netwrite *n* chars.**

**Explanation:** This message is issued if -D report or -D ptydata, is specified. It will write the number of characters which were read in from the socketfd, (client's socket) to be processed. It will be followed by hex data, preceded by the tag "Ont". This signifies a hex and ascii representation of Output data coming from the Telnet server to the net.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** netflush

---

---

**EZYTU15I** UTILITY: `ptywrite n chars`.

**Explanation:** This message is issued if `-D report` or `-D ptydata`, is specified. It will write the number of characters which were read in from the `socketfd`, (client's socket) to be processed. It will be followed by hex data, preceded by the tag "Opt". This signifies a hex and ascii representation of Output data coming from the Telnet server to the child.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** `utility.c`

**Procedure Name:** `ptyflush`

---

**EZYTU16I** UTILITY: `Write of masterfd. description rsn = errnojr`

**Explanation:** This message is issued if `-D report` or `-t`, is specified. A negative value was received of the number of bytes written to the `masterfd`. Processing continues and control is returned to the calling routine.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** `utility.c`

**Procedure Name:** `ptyflush`

---

**EZYTU17I** UTILITY: `direction suboption sub_option`

**Explanation:** A telnet negotiated suboption was either received or sent by the client.

*direction* is either `send` or `recieve`.

*sub\_option* is the Telnet negotiation suboption.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** `utility.c`

**Procedure Name:** `printsub`

---

**EZYTU18I** UTILITY: `write/send from NETFLUSH`

**Explanation:** A telnet negotiated suboption was either received or sent by the client. The remaining portion of this command identifies what the suboption was.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** `utility.c`

**Procedure Name:** `printsub`

---

## EZYTU19E • EZYTU22I

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**EZYTU19E** UTILITY: Unexpected iconv open error *description* rsn = *errnojr*

**Explanation:** The iconv\_open failed for ascii to EBCDIC converter. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Ensure that the converter table being specified is valid and exists.

**Module:** utility.c

**Procedure Name:** doMultiByte()

---

**EZYTU20I** Int: 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** tloop()

---

**EZYTU21I** Ont: 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was outputted from the telnet server to the client via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** netflush()

---

**EZYTU22I** Opt: 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was Outputted from the client to the child via the master file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** ptyflush()

---

---

**EZYTU23E UTILITY: Unexpected iconv error** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. The errno identified from iconv (on the EBCDIC to ascii converter) is not currently checked for. Unexpected error detected.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** E2Amultiybyte\_translate

---

**EZYTU24E UTILITY: Unexpected iconv error.** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. An unexpected error condition was received from the iconv call.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** E2Amultiybyte\_translate

---

**EZYTU25E UTILITY: Unexpected iconv error** *description* **rsn = errnojr**

**Explanation:** Building an ascii to EBCDIC translate table from the default tables. An error was produced during processing. Check the errno and errnojr for corrective action.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** initxlate()

---

**EZYTU26E UTILITY: Unexpected iconv error** *description* **rsn = errnojr**

**Explanation:** Building an EBCDIC to ascii translate table from the default tables. An error was produced during processing. Check the errno and errnojr for corrective action.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in

## EZYTU27E • EZYTU29E

the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** initxlate()

---

**EZYTU27E UTILITY: Unexpected iconv open error** *description* **rsn = errnojr**

**Explanation:** The iconv\_open failed for EBCDIC to ascii converter. The errno identified from iconv (on the EBCDIC to ascii converter) is not currently checked for. Unexpected error detected.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Ensure that the converter table being specified is valid and exists.

**Module:** utility.c

**Procedure Name:** doMultiByte()

---

**EZYTU28E UTILITY: Unexpected iconv open error** *description* **rsn = errnojr**

**Explanation:** The iconv\_open failed for ascii to EBCDIC converter. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Ensure that the converter table being specified is valid and exists.

**Module:** utility.c

**Procedure Name:** initxlate()

---

**EZYTU29E UTILITY: ascii translation error** *Xbuf->begin\_translate*

**Explanation:** The iconv failed for ascii to EBCDIC converter.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Ensure that the converter table being specified is valid and exists.

**Module:** utility.c

**Procedure Name:** A2Emultibyte\_translate()

---

---

**EZYTU30I** UTILITY: A2E **Begin\_write** *len=bytes\_translated,data=begin\_w*

**Explanation:** Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** A2Emultibyte\_translate()

---

**EZYTU31I** UTILITY:E2A **Begin\_translate** *len=inlen,data=begin\_w*

**Explanation:** The iconv failed for EBCDIC to ascii converter. Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** E2Amultibyte\_translate()

---

**EZYTU32E** UTILITY:EBCDIC **translation error** *bad char*

**Explanation:** Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** E2Amultibyte\_translate()

---

**EZYTU33E** UTILITY:Termination loop detected - telnet exiting

**Explanation:** A loop was detected during termination while processing an unrecoverable error. The telnet server will terminate immediately after printing this message.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** fatal()

---

**EZYTU34I** *id id pri pri call failing call code errno reason errnojr h\_errno h\_errno*

**Explanation:** A system or library call failed.

*id* This identifies the location within the source code that recorded the error.

*pri* This is the value passed as the first parameter to the syslog() function. See the description of the syslog() function in *z/OS XL C/C++ Run-Time Library Reference* for more information.

## EZYTU35I • EZYTU36I

### *failing call*

This is the system or library call which failed. See the description of this system or library call in *z/OS XL C/C++ Run-Time Library Reference* for more information.

*errno* This is the hexadecimal UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in *z/OS UNIX System Services Messages and Codes*. If there is no *errno*, this field will display as **N/A**.

*errnojr* This is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojrs) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed. If there is no *errnojr*, this field will display as **N/A**.

*h\_errno* This error code is no longer applicable and will always display as **N/A**.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

---

### EZYTU35I Error messages will not be saved in /tmp/telnetd.stderr, reason *reason*

**Explanation:** Messages written to stderr in the otelnetd process are usually stored in /tmp/telnetd.stderr. These messages will be discarded for one of the following reasons:

- 1 /tmp/telnetd.stderr could not be opened for append or created.
- 2 A system or library call failed while processing /tmp/telnetd.stderr. See a prior EZYTU34I record for an explanation.
- 3 /tmp/telnetd.stderr exists but is not a regular file. /tmp/telnetd.stderr must be a regular file. Other types of files, such as symbolic links, cannot be used because of possible security exposures.
- 4 /tmp/telnetd.stderr was re-created by another process while being opened and checked by this otelnetd process.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

---

### EZYTU36I *code userid local\_IP local\_port remote\_IP remote\_port client\_hostname*

**Explanation:** This trace record is written to the syslogd facility **auth** when the **-D login** or **-D all** parameter is specified on the otelnetd command line. It provides a one-line summary of login and logout activity.

*code* describes which activity is being recorded:

- L** The user successfully logged on to the system.
- O** The user logged off.
- U** The user provided a user ID which was incorrect.
- P** The user provided a password which was incorrect.
- C** The user did not successfully change the password.

*userid* is the user ID specified by the user when logging on.

*local\_IP* is the destination IP address specified by the user when connecting to the telnet server.

*local\_port* is the destination TCP port specified by the user when connecting to the telnet server.

*remote\_IP* is the IP address of the host used by the client to connect to the telnet server.

*remote\_port* is the TCP port assigned to the telnet client.



*client\_hostname* is the DNS name of the host used by the client to connect to the telnet server, if that information is available. If not available, the *client\_hostname* field in the trace record will contain a hyphen.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**EZYTY01E GETPTY: Out of ptys.** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. All of the /dev/ptypXXX are currently in use with other sessions or processes.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** User has to wait until some /dev/ptypXXX are freed up for use.

**System programmer response:** Check to determine if there are any ghosts or zombies hanging around that can be released.

**Module:** protocol.h

**Procedure Name:** telnet()

**EZYTY02I GETPTY: open of /dev/ptyp**

**Explanation:** These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

**EZYTY03I gotpty: ioctl TIOCSWINSIZ**

**Explanation:** These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

**EZYTY04E GETPTY: open error on line** *description* **rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. A problem occurred trying to open the corresponding /dev/tytXXX file.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

## EZTY05I • EZTY07E

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

- Access is denied.
- The process is busy.
- The open was interrupted by a signal.
- The system has reached the maximum number of file descriptors it can have open.
- Permission to open is denied for one of the following reasons.
  - The user who opened the master tty is not the same user associated with the slave tty.
  - Internal security error.
  - Different path name was specified for the slave than earlier opens.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

---

**EZTY05I** GETPTY: slave fd = *slavefd*, masterfd = *masterfd*

**Explanation:** These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

---

**EZTY06E** gotpty: \_\_tcsetattr *description* rsn = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

---

**EZTY07E** gotpty: \_\_tcsetcp *description* rsn = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file. Issued a tcsetcp to inform the tty of the code pages that we are using to translate ascii to EBCDIC and the reverse. The \_\_tcsetcp failed.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

**EZYTY08I** **argv\_fsum**(*argument\_number*) = *argument\_value*

**Explanation:** These are the parameters that are passed to the spawned process that creates the child. This message is issued once for each argument. A few of these variables are set by the server.

- argv\_fsum(0) = argument name
- argv\_fsum(4) = master file descriptor
- argv\_fsum(5) = slave file descriptor
- argv\_fsum(8) = Debug tracing variable
- argv\_fsum(9) = Debug tracing variable
- argv\_fsum(11) = terminal type

*argument\_number* is the argument number. It will be in the range 0–16.

*argument\_value* is the value assigned to that argument.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** login\_tty()

**EZYTY09I** **login\_tty: spawnp fsumoclp** *child\_pid*

**Explanation:** The pid number associated with the fork() for FSUMOCLO for cleanup.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** login\_tty()

**EZYTY10E** **login\_tty: spawnp error** *child\_pid description* **rsn** = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file. The pid number associated with the fork() for FSUMOCLO for cleanup.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte Reason Code is explained in the introduction to the Reason Codes (Errnojr) chapter of the *z/OS UNIX System Services Messages and Codes*, where the Reason Codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** login\_tty()

## EZTY11I • EZTY14E

---

### EZTY11I GETPTY: stat of /dev/ptyp

**Explanation:** This message is only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

---

### EZTY12I ioctl masterfd TIOCEXT

**Explanation:** This message is only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** sys\_term.h

**Procedure Name:** tty\_setlinemode()

---

### EZTY13E login\_tty failed.

**Explanation:** This message is written to the client as well as the syslog file. The login\_tty() routine was called which sets up and spawns the tty. Errors were found during the processing and a return code of -1 was sent back to the caller.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Check for further messages in the log to explain reason for the failure.

**Module:** sys\_term.h

**Procedure Name:** gotpty()

---

### EZTY14E tcgetattr() failed on master tty

**Explanation:** A tcgetattr() was issued on the master tty, which is in fact an ioctl(). It returned with an unexpected error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** sys\_term.h

**Procedure Name:** init\_termbuf()

---

---

## Chapter 12. EZYXxxx messages

---

### **EZYXM01W The arrow direction is not correct.**

**Explanation:** XmNarrowDirection resource in XmArrowButton widget class. XmNarrowDirection resource in XmArrowButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ArrowB.c, ArrowBG.c

---

### **EZYXM02W Incorrect resize policy.**

**Explanation:** XmNresizePolicy resource in XmBulletinBoard widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BulletinB.c

---

### **EZYXM03W Incorrect dialog style.**

**Explanation:** XmNdialogStyle resource in XmBulletinBoard widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BulletinB.c

---

### **EZYXM04W Incorrect shadow type.**

**Explanation:** XmNshadowType resource in XmBulletinBoard widget class. XmNshadowType resource in XmDrawnButton widget class. XmNshadowType resource in XmFrame widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BulletinB.c

---

## EZYXM05W • EZYXM13W

---

### EZYXM05W Null font list (no vendor shell default).

**Explanation:** XmNbuttonFontList resource, XmNlabelFontList resource, or XmNtextFontList resource in XmBulletinBoard widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BulletinB.c

---

### EZYXM06W Dialog style must be XmDIALOG\_MODELESS

**Explanation:** The Initialize function or the SetValues function detected that the bulletin board dialog style was not set as XmDIALOG\_MODELESS, when XmDIALOG\_MODELESS is required.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library

**Procedure Name:** BulletinB.c

---

### EZYXM11W XmCascadeButton must have correct type of XmRowColumnWidgetClass parent.

**Explanation:** XmCascadeButton widget class. XmCascasdeButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeBG.c

---

### EZYXM12W Only XmMENU\_PULLDOWN XmRowColumnWidgets can be submenus.

**Explanation:** XmCascadeButton widget class. XmCascadeButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, CascadeBG.c

---

### EZYXM13W MapDelay must be >= 0.

**Explanation:** XmNmappingDelay resource in XmCascadeButton widget class. XmNmappingDelay resource in XmCascadeButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, CascadeBG.c

---

**EZYXM14W** **XmCascadeButtonGadget must have XmRowColumnWidgetClass parent with XmNrowColumnType XmMENU\_PULLDOWN, XmMENU\_POPUP, XmMENU\_BAR or XmMENU\_OPTION.**

**Explanation:** XmCascadeButton widget class. XmCascadeButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c

---

**EZYXM15W** **XtGrabPointer failed.**

**Explanation:** XGrabPointer function. XtGrabPointer function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, MenuUtil.c, TrackLoc.c

---

**EZYXM16W** **XtGrabKeyboard failed.**

**Explanation:** XGrabKeyboard function. XtGrabKeyboard function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuUtil.c, TextF.c, TextIn.c

---

**EZYXM17W** **Only XmRowColumn widgets of type XmMENU\_PULLDOWN can be submenus.**

**Explanation:** The Initialize function or the SetValues function detected that a submenu in the processing Widget is not of type XmMENU\_PULLDOWN. The submenu Widget is reset to NULL.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, CascadeBG.c

---

## EZYXM21W • EZYXM25W

---

**EZYXM21W** The dialog type must be XmDIALOG\_COMMAND.

**Explanation:** XmCommand widget class. XmNdialogType resource in XmSelectionBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Command.c

---

**EZYXM22W** Invalid child type. The Command widget does not have this child.

**Explanation:** XmCommandGetChild function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Command.c

---

**EZYXM23W** Invalid XmString, check for invalid charset.

**Explanation:** XmCommandAppendValue function. XmCommandSetValue function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Command.c

---

**EZYXM24W** NULL or empty string passed in to CommandAppendValue.

**Explanation:** XmCommandAppendValue function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Command.c

---

**EZYXM25W** XmNmustMatch is always False for a Command widget.

**Explanation:** XmCommand widget class. XmNmustMatch resource in XmSelectionBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.



**Procedure Name:** Command.c

---

**EZYXM26W XmNhistoryMaxItems must be a positive integer greater than zero.**

**Explanation:** The Initialize function or the SetValues function detected that the XmNhistoryMaxItems for the XmCommand Widget has a value less than zero. The XmNhistoryMaxItems is reset to the initialized value or 100.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Command.c

---

**EZYXM31W Must call XmClipboardStartCopy() before XmClipboardCopy().**

**Explanation:** XmClipboardCopy function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM32W Must call XmClipboardStartCopy() before XmClipboardEndCopy().**

**Explanation:** XmClipboardEndCopy function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM33W Too many formats in XmClipboardCopy().**

**Explanation:** XmClipboardCopy function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c Do not translate rectObj

---

**EZYXM35W Incorrect data type.**

**Explanation:** The ClipboardFindItem function detected that the data type passed to the Clipboard does not match the data type of the Clipboard Pointer.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

## EZYXM36W • EZYXM37W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

### EZYXM36W ClipboardCorrupt

**Explanation:** One of the following functions detected a clipboard error, and called the ClipboardError routine with key CLIPBOARD\_CORRUPT:

- ClipboardFindFormat
- ClipboardDeleteFormat
- ClipboardDeleteFormats
- ClipboardDeleteItemLabel
- ClipboardIsMarkedForDelete
- ClipboardMarkItem
- ClipboardDataIsReady
- XmClipboardEndCopy
- XmClipboardCopyByName
- XmClipboardUndoCopy
- ClipboardRetrieve

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

### EZYXM37W Internal error - corrupt data structure.

**Explanation:** An internal application error was detected. One of the following functions detected that either the ClipboardDataItem or ClipboardFormatItem did not contain the required data structure:

- ClipboardFindFormat
- ClipboardDeleteFormat
- ClipboardDeleteFormats
- ClipboardDeleteItemLabel
- ClipboardIsMarkedForDelete
- ClipboardMarkItem
- ClipboardDataIsReady
- XmClipboardEndCopy
- XmClipboardCopyByName
- XmClipboardUndoCopy
- ClipboardRetrieve

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM38W Registered format length must be 8, 16, or 32**

**Explanation:** XmClipboardRegisterFormat function detected that the format\_length variable did not contain an allowed value.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM39W Registered format name must not be NULL.**

**Explanation:** The XmClipboardRegisterFormat function detected that the format\_name variable did not contain an allowed value.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM41W DialogShell widget only supports one rectObj child.**

**Explanation:** XmDialogShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DialogS.c

---

**EZYXM42W gadgets aren't allowed in shell.**

**Explanation:** XmDialogShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DialogS.c

---

**EZYXM43W DialogShell widget supports only one RectObj child**

**Explanation:** The InsertChild function detected that the GetRectObjKid function failed because the input child is a CoreClass object, instead of the required RectObj object.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

## **EZYXM51W • EZYXM62W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DialogS.c

---

**EZYXM51W Margin width or height cannot be negative.**

**Explanation:** XmDrawingArea widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DrawingA.c

---

**EZYXM52W Incorrect resize policy.**

**Explanation:** XmNresizePolicy resource in XmDrawingArea widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DrawingA.c

---

**EZYXM61W Fraction base cannot be zero.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM62W Incorrect form attachment type.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

---

**EZYXM63W Cannot set constraints for non-resizable widget.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM64W Attachment widget must not be null.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM65W Circular dependency in Form children.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM66W Edge attached to a widget but no widget specified.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM67W Bailed out of edge synchronization after 10,000 iterations. Check for contradictory constraints on the children of this form.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

## **EZYXM68W • EZYXM81W**

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM68W Attachment widget must be have same parent as widget.**

**Explanation:** XmForm widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Form.c

---

**EZYXM72W Only one child should be inserted in a frame.**

**Explanation:** XmFrame widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Frame.c

---

**EZYXM73W Invalid margin width.**

**Explanation:** XmFrame widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Frame.c

---

**EZYXM74W Invalid margin height.**

**Explanation:** XmFrame widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Frame.c

---

**EZYXM81W Invalid highlight thickness.**

**Explanation:** XmGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Gadget.c

---

**EZYXM82W The unit type is incorrect.**

**Explanation:** XmNunitType resource in XmGadget widget class. XmNunitType resource in XmManager widget class. XmNunitType resource in XmPrimitive widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Gadget.c

---

**EZYXM83W Invalid shadow thickness.**

**Explanation:** XmGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Gadget.c

---

**EZYXM84W Cannot set pixmap resource to unspecified.**

**Explanation:** XmNtopShadowPixmap resource in XmPrimitive widget class. XmNbottomShadowPixmap resource in XmPrimitive widget class. XmNhighlightShadowPixmap resource in XmPrimitive widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Gadget.c

---

**EZYXM85W Cannot change XmNlayoutDirection after initialization.**

**Explanation:** The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Gadget.c

---

## EZYXM91W • EZYXM95W

---

### EZYXM91W Invalid XmNlabelType.

**Explanation:** XmNlabelType resource in XmLabel widget class. XmNlabelType resource in XmLabelGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Label.c

---

### EZYXM92W Invalid value in XmNalignment.

**Explanation:** XmNalignment resource in XmLabel widget class. XmNalignment resource in XmLabelGadget widget class. XmNstringDirection resource in XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Label.c

---

### EZYXM93W Invalid value in XmNstringDirection.

**Explanation:** XmNstringDirection resource in XmLabel widget class. XmNstringDirection resource in XmLabelGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Label.c

---

### EZYXM94W Invalid XmNlabelString - must be a compound string.

**Explanation:** XmNlabelString resource in XmLabel widget class. XmNlabelString resource in XmLabelGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Label.c

---

### EZYXM95W Invalid XmNacceleratorText - must be a compound string.

**Explanation:** XmNacceleratorText resource in XmLabel widget class. XmNacceleratorText resource in XmLabelGadget widget class.

**System action:** The application continues.



**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Label.c

---

**EZYXN00W List must have at least one visible item.**

**Explanation:** XmNvisibleItemCount resource in XmList widget class. When changed, XmNvisibleItemCount must be at least 1.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN01W Invalid Selection Policy.**

**Explanation:** XmNselectionPolicy resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN02W Invalid Size Policy.**

**Explanation:** XmNlistSizePolicy resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN03W Invalid ScrollBar Display Policy.**

**Explanation:** XmNscrollbarDisplayPolicy resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN04W Invalid String Direction.**

**Explanation:** XmNstringDirection resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN05W Cannot change size policy after initialization.**

**Explanation:** XmNlistSizePolicy resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN06W Must set item count to non-negative value.**

**Explanation:** XmNitemCount resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN07W NULL font in SetValues ignored.**

**Explanation:** XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN08W Invalid item(s) to delete.**

**Explanation:** XmNitemCount resource in XmList widget class. XmListDeleteItem function. XmListDeleteItems function. XmListDeletePos function. XmListDeleteItemsPos function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN09W No Horizontal Scrollbar to set.**

**Explanation:** XmListSetHorizPos function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN10W Invalid Margin setting.**

**Explanation:** XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN11W Invalid Spacing Value.**

**Explanation:** XmNlistSpacing resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN12W Cannot set items to NULL with non-zero item count.**

**Explanation:** XmNitemCount resource in XmList widget class. XmNitems resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN13W Must set selected item count to non-negative value.**

**Explanation:** XmNselectedItemCount resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

## EZYXN14W • EZYXN17W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

### EZYXN14W Cannot set selected items to NULL with non-zero item count.

**Explanation:** XmNselectedItemCount resource in XmList widget class. XmNselectedItems resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

### EZYXN15W Cannot set top position less than 1.

**Explanation:** XmNtopItemPosition resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

### EZYXN16W XmNitems and XmNitemCount mismatch!

**Explanation:** XmNitemCount resource in XmList widget class. XmNitems resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

### EZYXN17W Cannot leave add mode in multiple selection.

**Explanation:** XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

---

**EZYXN18W XmNselectedPositionCount must not be negative.**

**Explanation:** The SetValues function detected that the XmNselectedPositionCount was either negative or zero, when a positive value was required.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN19W Cannot set XmNselectedPosition to NULL when XmNSelectedPositionCount is positive.**

**Explanation:** The SetValues function detected an error with the XmNselectedPosition and XmNSelectedPositionCount. The selected position is set to NULL, but the position count contains a positive value.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN21W The Menu Bar cannot be changed to NULL.**

**Explanation:** XmNMenuBar resource in XmMainWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MainW.c

---

**EZYXN22W The Command Window cannot be changed to NULL.**

**Explanation:** XmNcommandWindow resource in XmMainWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MainW.c

---

**EZYXN23W Negative margin value ignored.**

**Explanation:** XmMainWindow widget class.

**System action:** The application continues.

**Operator response:** None.

## EZYXN31W • EZYXN34W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MainW.c

---

**EZYXN31W MenuShell widgets must have a xmRowColumnWidgetClass child.**

**Explanation:** XmMenuShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN32W Attempting to manage an incomplete menu.**

**Explanation:** XmMenuShell widget class. XmCreatePopupMenu function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN33W XmPopup requires a subclass of shellWidgetClass.**

**Explanation:** The \_XmPopupI function detected an error in XtIsShell. The passed Widget was of an incorrect class.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN34W XmPopdown requires a subclass of shellWidgetClass.**

**Explanation:** The \_XmPopdown function detected an error in XtIsShell. The passed Widget was of an incorrect class.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

---

**EZYXN35W XtMenuPopup requires exactly one argument.**

**Explanation:** The `_XmMenuPopupAction` function detected that the argument count was not one.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN36W XtMenuPopup only supports ButtonPress, KeyPress or EnterNotify events.**

**Explanation:** The `_XmMenuPopupAction` function detected that the XEvent did not match the allowed values of ButtonPress, KeyPress or EnterNotify. The modal grab will be Nonexclusive.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN37W Cannot find popup widget *string* in XtMenuPopup.**

**Explanation:** The `_XmMenuPopupAction` function detected a failure in the `_XmFindPopup` routine. The specified popup was not found.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN38W Cannot find popup widget *string* in XtMenuPopdown.**

**Explanation:** The `_XmMenuPopdownAction` function detected a failure in the `_XmFindPopup` routine. The specified popup was not found.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYXN39W XtMenuPopdown called with more than one argument.**

**Explanation:** The `_XmMenuPopdownAction` function detected that the number of arguments was more than one.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

## EZYXN40W • EZYXN43W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

### EZYXN40W Cannot change XmNlayoutDirection after initialization.

**Explanation:** The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

### EZYXN41W Invalid Dialog Type.

**Explanation:** XmNdialogType resource in XmMessageBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MessageB.c

---

### EZYXN42W Invalid Default Button Type.

**Explanation:** XmNdefaultButtonType resource in XmMessageBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MessageB.c

---

### EZYXN43W Invalid Alignment Type.

**Explanation:** XmNmessageAlignment resource in XmMessageBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MessageB.c

---



---

**EZYXN44W Invalid Child Type.**

**Explanation:** XmMessageBoxGetChild function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MessageB.c

---

**EZYXN45W PushButton Id cannot be changed directly.**

**Explanation:** XmMessageBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MessageB.c

---

**EZYXN46W Use XmNdefaultButtonType to set MessageBox default button.**

**Explanation:** XmMessageBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MessageB.c

---

**EZYXN54W Invalid minimum value, must be greater than zero.**

**Explanation:** XmNpaneMinimum resource in XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN55W Invalid maximum value, must be greater than zero.**

**Explanation:** XmNpaneMaximum resource in XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

## EZYXN56W • EZYXN61W

**Procedure Name:** PanedW.c

---

**EZYXN56W Invalid minimum/maximum value, minimum value must be smaller than the maximum value.**

**Explanation:** XmNpaneMinimum resource in XmPanedWindow widget class. XmNpaneMaximum resource in XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN57W Constraints do not allow appropriate sizing.**

**Explanation:** XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN58W Too few parameters.**

**Explanation:** XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN59W Invalid 1st parameter.**

**Explanation:** XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN61W fontList is not defined.**

**Explanation:** XmPanedWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN71W Must be a vendor shell.**

**Explanation:** XmAddProtocols function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Protocols.c

---

**EZYXN72W Protocol manager already exists.**

**Explanation:** XmAddProtocols function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Protocols.c

---

**EZYXN73W More protocols than I can handle.**

**Explanation:** XmAddProtocols function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Protocols.c

---

**EZYXN81W Not enough memory.**

**Explanation:** There was not enough memory to perform the function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PushB.c

---

## EZYXO01W • EZYXO05W

---

**EZYXO01W Attempt to set width to zero. Set to default value 16.**

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO02W Attempt to set width to zero. The value is ignored.**

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO03W Attempt to set height to zero. Set to default value 16.**

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO04W Attempt to set height to zero. The value is ignored.**

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO05W XmNhlpWidget not used by PopUps. It is set to NULL.**

**Explanation:** XmNmnuHelpWidget resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYX006W XmNhelpWidget not used by Pulldowns. It is set to NULL.**

**Explanation:** XmNmenuHelpWidget resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYX007W XmNhelpWidget not used by Option menus. It is set to NULL.**

**Explanation:** XmNmenuHelpWidget resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYX008W XmNhelpWidget not used by Work Areas. It is set to NULL.**

**Explanation:** XmNmenuHelpWidget resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYX009W Unknown value of XmNrowColumnType. It is set to WorkArea.**

**Explanation:** XmNrowColumnType resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYX010W Widget hierarchy not appropriate for this XmNrowColumnType. It is set to WorkArea.**

**Explanation:** XmCreatePulldownMenu function.

**System action:** The application continues.

**Operator response:** None.

## EZYXO11W • EZYXO14W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO11W Attempt to change XmNrowColumnType after initialization. The value is ignored.**

**Explanation:** XmNrowColumnType resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO12W Unknown value of XmNorientation. The default value is used.**

**Explanation:** XmNorientation resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO13W Attempt to set XmNorientation to unknown value. The value is ignored.**

**Explanation:** XmNorientation resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO14W Unknown value of XmNpacking. The default value is used.**

**Explanation:** XmNpacking resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

---

**EZYXO15W Attempt to set XmNpacking to unknown value. The value is ignored.**

**Explanation:** XmNpacking resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO16W Unknown value of XmNentryAlignment. The default value is used.**

**Explanation:** XmNentryAlignment resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO17W Attempt to set XmNentryAlignment to unknown value. The value is ignored.**

**Explanation:** XmNentryAlignment resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO18W Attempt to set XmNisHomogenous to FALSE for a RowColumn widget of type XmMENU\_BAR. The value is ignored.**

**Explanation:** XmNisHomogeneous resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO19W Attempt to change XmNentryClass for a RowColumn widget of type XmMENU\_BAR. The value is ignored.**

**Explanation:** XmNentryClass resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

## EZYXO20W • EZYXO23W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO20W Attempt to change XmNwhichButton via XtSetValues for a RowColumn widget of type XmMENU\_PULLDOWN. The value is ignored.**

**Explanation:** XmNwhichButton resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO21W Attempt to change XmNmenuPost via XtSetValues for a RowColumn widget of type XmMENU\_PULLDOWN. The value is ignored.**

**Explanation:** XmNmenuPost resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO22W Attempt to set XmNpostMenu to an illegal value. The value is ignored.**

**Explanation:** XmNmenuPost resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO23W Attempt to change XmNshadowThickness for a RowColumn widget not of type XmMENU\_PULLDOWN or XmMENU\_POPUP. The value is ignored.**

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---



---

**EZYXO24W** Attempt to change XmNorientation for a RowColumn widget of type XmMENU\_OPTION. The value is ignored.

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO25W** Attempt to add wrong type child to a menu (i.e. RowColumn) widget

**Explanation:** XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO26W** Attempt to add wrong type child to a homogeneous RowColumn widget.

**Explanation:** XmNisHomogeneous resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO27W** Attempt to change XmNisHomogeneous for a RowColumn widget of type XmMENU\_OPTION ignored.

**Explanation:** XmNisHomogeneous resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO28W** Tear off enabled on a shared menupane is allowed but not recommended.

**Explanation:** Tear-off Menus in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

## EZYXO29W • EZYXO33W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO29W** Illegal mnemonic character. Could not convert X KEYSYM to a keycode.

**Explanation:** XmNmnemonic resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO31W** The scale minimum value is greater than or equal to the scale maximum value.

**Explanation:** XmNminimum resource in XmScale widget class. XmNmaximum resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

**EZYXO32W** The specified scale value is less than the minimum scale value.

**Explanation:** XmNvalue resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

**EZYXO33W** The specified scale value is greater than the maximum scale value.

**Explanation:** XmNvalue resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

---

**EZYXO34W Incorrect orientation.**

**Explanation:** XmNorientation resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

**EZYXO35W Incorrect processing direction.**

**Explanation:** XmNprocessingDirection resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

**EZYXO36W Invalid highlight thickness.**

**Explanation:** XmNhighlightThickness resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

**EZYXO37W Invalid scaleMultiple; greater than (max - min).**

**Explanation:** XmNscaleMultiple resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Scale.c

---

**EZYXO38W Invalid scaleMultiple; less than zero.**

**Explanation:** XmNscaleMultiple resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

## EZYXO39W • EZYXO44W

Procedure Name: Scale.c

---

**EZYXO39W** (Maximum - minimum) cannot be greater than INT\_MAX divided by 2. Minimum has been set to zero. Maximum may have been set to (INT\_MAX/2).

**Explanation:** XmNmaximum resource in XmScale widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

Procedure Name: Scale.c

---

**EZYXO41W** The scrollbar minimum value is greater than or equal to the scrollbar maximum value.

**Explanation:** XmNminimum resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

Procedure Name: ScrollBar.c

---

**EZYXO42W** The specified slider size is less than 1.

**Explanation:** XmNincrement resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

Procedure Name: ScrollBar.c

---

**EZYXO43W** The specified scrollbar value is less than the minimum scrollbar value.

**Explanation:** XmNvalue resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

Procedure Name: ScrollBar.c

---

**EZYXO44W** The specified scrollbar value is greater than the maximum scrollbar value minus the scrollbar slider size.

**Explanation:** XmNvalue resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO45W Incorrect orientation.**

**Explanation:** XmNorientation resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO46W Incorrect processing direction.**

**Explanation:** XmNprocessingDirection resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO47W The scrollbar increment is less than 1.**

**Explanation:** XmNincrement resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO48W The scrollbar page increment is less than 1.**

**Explanation:** XmNpageIncrement resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO49W** The scrollbar initial delay is less than 1.

**Explanation:** XmNinitialDelay resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO50W** The scrollbar repeat delay is less than 1.

**Explanation:** XmNrepeatDelay resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO51W** Error in context manager; scrollbar backgrounds cannot be set correctly

**Explanation:** XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO52W** Error in context manager; scrollbar foregrounds cannot be set correctly.

**Explanation:** XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO53W** Specified slider size is greater than the scrollbar maximum value minus the scrollbar minimum value.

**Explanation:** XmNsliderSize resource in XmScrollBar widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollBar.c

---

**EZYXO61W Invalid ScrollBar Display policy.**

**Explanation:** XmNScrollBarDisplayPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

**EZYXO62W Invalid Scrolling Policy.**

**Explanation:** XmNscrollingPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

**EZYXO63W Invalid Visual Policy.**

**Explanation:** XmNvisualPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

**EZYXO64W Invalid placement policy.**

**Explanation:** XmNScrollBarPlacement resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

**EZYXO66W Cannot change scrolling policy after initialization.**

**Explanation:** XmNscrollingPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

## EZYXO67W • EZYXO70W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

### EZYXO67W Cannot change visual policy after initialization.

**Explanation:** XmNvisualPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

### EZYXO68W Cannot set AS\_NEEDED scrollbar policy with a visual policy of VARIABLE.

**Explanation:** XmNvisualPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

### EZYXO69W Cannot change scrollbar widget in AUTOMATIC mode.

**Explanation:** XmNscrollingPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

### EZYXO70W Cannot change clip window.

**Explanation:** XmNclipWindow resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---



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**EZYX071W Cannot set visual policy of CONSTANT in APPLICATION\_DEFINED mode.**

**Explanation:** XmNvisualPolicy resource in XmScrolledWindow widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

**EZYX072W Wrong parameters passed to the function.**

**Explanation:** XmScrollVisible function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrolledW.c

---

**EZYX081W Incorrect dialog type.**

**Explanation:** XmNdialogType resource in XmSelectionBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SelectioB.c

---

**EZYX082W Dialog type cannot be modified.**

**Explanation:** XmNdialogType resource in XmSelectionBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SelectioB.c

---

**EZYX083W Only one work area child allowed.**

**Explanation:** XmSelectionBox widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

## EZYXO84W • EZYXP02W

**Procedure Name:** SelectioB.c

---

### EZYXO84W Invalid child type.

**Explanation:** XmSelectionBoxGetChild function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SelectioB.c

---

### EZYXO91W Invalid separator type.

**Explanation:** XmNseparatorType resource in XmSeparator widget class. XmNseparatorType resource in XmSeparatorGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Separator.c

---

### EZYXO92W Invalid orientation.

**Explanation:** XmNorientation resource in XmSeparator widget class. XmNorientation resource in XmSeparatorGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Separator.c

---

### EZYXP01W Invalid source, source ignored.

**Explanation:** XmNsource resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Text.c

---

### EZYXP02W Invalid edit mode.

**Explanation:** XmNeditMode resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Text.c

---

**EZYXP03W** Text widget is editable; traversalOn must be true.

**Explanation:** XmNeditable resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Text.c

---

**EZYXP04W** Can't find position in MovePreviousLine().

**Explanation:** XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextIn.c

---

**EZYXP05W** Invalid rows, must be > 0.

**Explanation:** XmNrows resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextOut.c

---

**EZYXP06W** XmFontListInitFontContext failed.

**Explanation:** XmNfontList resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c, TextOut.c

---

## EZYXP07W • EZYXP11W

---

**EZYXP07W** XmFontListGetNextFont failed.

**Explanation:** XmNfontList resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c, TextOut.c

---

**EZYXP08W** Character *char* is not supported in font. It is discarded.

**Explanation:** XmNfontList resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c

---

**EZYXP09W** String *string* is not supported in font. It is discarded.

**Explanation:** XmNfontList resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c

---

**EZYXP10W** Cannot use a multibyte locale without a fontset. The value is discarded.

**Explanation:** XmNfontList resource in XmText widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c

---

**EZYXP11W** Invalid cursor position, must be  $\geq 0$ .

**Explanation:** XmNcursorPosition resource in XmTextField widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c

---

**EZYXP12W Invalid columns, must be > 0.**

**Explanation:** XmNcolumns resource in XmText widget class. XmNcolumns resource in XmTextField widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c, TextOut.c

---

**EZYXP13W XmNtraversalOn must always be true.**

**Explanation:** XmTextField widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c

---

**EZYXP14W Invalid columns, must be >= 0.**

**Explanation:** XmNcolumns resource in XmTextField widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** TextF.c

---

**EZYXP21W Indicator type should be either XmONE\_OF\_MANY or XmN\_OF\_MANY.**

**Explanation:** XmNindicatorType resource in XmToggleButton widget class. XmNindicatorType resource in XmToggleButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ToggleB.c

---

**EZYXP31W Invalid value for navigation\_type.**

**Explanation:** XmNnavigationType resource in XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

## EZYXP32W • EZYXP35W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

### EZYXP32W Wrong value in old for navigation\_type!!

**Explanation:** XmNavigationType resource in XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

### EZYXP33W Traversal bootstrap situation with bad parameters.

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

### EZYXP34W Attempt to traverse to new tab using bad parameters.

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

### EZYXP35W startWidget is not in child list.

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

---

**EZYXP36W Bad parameters to TraverseToChild.**

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

**EZYXP41W Invalid value for delete response.**

**Explanation:** XmNdeleteResponse resource in VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VendorS.c

---

**EZYXP42W Invalid XmNpreeditType, default to OverTheSpot.**

**Explanation:** XmNpreeditType resource in VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VendorS.c

---

**EZYXP43W Invalid value for XmNinputPolicy.**

**Explanation:** The VendorExtSetValues function detected an incorrect value for the XmVendorShellExtPartPtr input policy. The policy is required to be either XmPER\_SHELL or XmPER\_WIDGET.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** VendorS.c

---

**EZYXP44W XmNlayoutDirection cannot be changed.**

**Explanation:** The VendorExtSetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

## EZYXP45W • EZYXP48E

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** VendorS.c

---

**EZYXP45W FetchUnitType: bad widget class.**

**Explanation:** VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VendorSE.c

---

**EZYXP46W String to no-op conversion needs no extra arguments.**

**Explanation:** VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VendorSE.c

---

**EZYXP47W FetchUnitType called without a widget to reference.**

**Explanation:** VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VendorSE.c

---

**EZYXP48E Fatal Error: \_XmGetDefaultDisplay cannot be used prior to VendorS.Initialize, returns NULL.**

**Explanation:** \_XmDisplayHandle was not set before the \_XmGetDefaultDisplay function was called. A NULL value is returned.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** VendorS.c

---



---

**EZYXP51W Virtual bindings Initialize hasn't been called.**

**Explanation:** XmVirtKeys widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VirtKeys.c

---

**EZYXP61W Invalid color requested from \_XmAccessColorData.**

**Explanation:** XmGetColors function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Visual.c

---

**EZYXP62W Cannot allocate colormap entry for background, setting background to white.**

**Explanation:** XmNbackground resource in Core widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Visual.c

---

**EZYXP63W Cannot parse given background color, setting background to white.**

**Explanation:** XmNbackground resource in Core widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Visual.c

---

**EZYXP71W The specified Input Method failed to init : string.**

**Explanation:** XmNinputMethod resource in VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

## EZYXP72W • EZYXP82W

**Procedure Name:** XmIm.c

---

### EZYXP72W Cannot create the Input Method Object.

**Explanation:** XmNinputMethod resource in VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmIm.c

---

### EZYXP73W XmIMFocus invoked with NULL widget.

**Explanation:** XmNinputMethod resource in VendorShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmIm.c

---

### EZYXP74W XmIMMove invoked without the Input Method focus.

**Explanation:** XmImGetXIM function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmIm.c

---

### EZYXP81W No context found for extension.

**Explanation:** When trying to map the extension to a context, no context was found.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BaseClass.c

---

### EZYXP82W \_XmPopWidgetExtData: no extension found with XFindContext.

**Explanation:** This is a debug message.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BaseClass.c

---

**EZYXP83W XmFreeWidgetExtData is an unsupported routine.**

**Explanation:** This routine is no longer a supported interface.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BaseClass.c

---

**EZYXP84W getLabelSecResData: not enough memory.**

**Explanation:** There was not enough memory to perform the requested function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** BaseClass.c

---

**EZYXP91W Creating multiple XmDisplays for the same X display. Only the first XmDisplay created for a particular X display can be referenced by calls to XmGetXmDisplay.**

**Explanation:** XmDisplay widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Display.c

---

**EZYXP92W Received TOP\_LEVEL\_LEAVE with no active DragContext.**

**Explanation:** Function requested TOP\_LEVEL\_LEAVE but there was no DragContext found.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Display.c

---

## EZYXP93W • EZYXQ04W

---

**EZYXP93W Cannot set XmDisplay class to a non-subclass of XmDisplay.**

**Explanation:** XmDisplayClass widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Display.c

---

**EZYXQ01W The \_MOTIF\_DRAG\_WINDOW has been destroyed.**

**Explanation:** The window is no longer a valid context.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c

---

**EZYXQ02W The protocol version levels do not match.**

**Explanation:** The level of the Motif server and client code drag protocol is not the same.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c, DragICC.c

---

**EZYXQ03W Unable to open display.**

**Explanation:** XmInternAtom function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c

---

**EZYXQ04W The atoms table is empty.**

**Explanation:** WriteAtomsTable function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c

---

**EZYXQ05W** The target table is empty.

**Explanation:** WriteTargetsTable function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c

---

**EZYXQ06W** The target table has an inconsistent property.

**Explanation:** ReadTargetsTable function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c

---

**EZYXQ07W** Invalid target table index.

**Explanation:** ReadTargetsTable function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragBS.c

---

**EZYXQ11W** GenerateCallback does not expect XmCR\_DROP\_SITE\_ENTR as a reason.

**Explanation:** GenerateClientCallback function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragC.c

---

**EZYXQ12W** Invalid selection in DropConvertCallback.

**Explanation:** DropConvertCallback function.

**System action:** The application continues.

**Operator response:** None.

## EZYXQ13W • EZYXQ16W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragC.c

---

**EZYXQ13W The drop selection was lost.**

**Explanation:** DropLoseSelection function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragC.c

---

**EZYXQ14W XGrabPointer failed.**

**Explanation:** Call to lower level function, XGrabPointer, was unsuccessful.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragC.c

---

**EZYXQ15W ExternalNotifyHandler: the callback reason is not acceptable.**

**Explanation:** XmDragStart function. The drag message did not contain a defined reason code.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragC.c

---

**EZYXQ16W XmDragStart must be called as a result of a button press.**

**Explanation:** XmDragStart function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragC.c

---

---

**EZYXQ21W Unknown drag and drop message type.**

**Explanation:** Message type received was not expected in this context.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragICC.c

---

**EZYXQ22W The protocol version levels do not match.**

**Explanation:** The `_XmGetDragReceiverInfo` function detected that the `xmDragReceiverInfoStruct` protocol version did not match the `_MOTIF_DRAG_PROTOCOL_VERSION`.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** DragICC.c

---

**EZYXQ31W No geometry specified for dragIcon pixmap.**

**Explanation:** `XmDragIcon` widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragIcon.c

---

**EZYXQ32W dragIcon created with no pixmap.**

**Explanation:** `XmNpixmap` resource in `XmDragIcon` widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragIcon.c

---

**EZYXQ33W String to Bitmap converter needs Screen argument.**

**Explanation:** `XmCvtStringToBitmap` function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

## EZYXQ41W • EZYXQ51W

**Module:** Xm.a library.

**Procedure Name:** DragIcon.c

---

### EZYXQ41W Depth mismatch.

**Explanation:** XmNblendModel resource in XmDragContext widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragOverS.c

---

### EZYXQ42W Unknown icon attachment.

**Explanation:** XmNattachment resource in XmDragIcon widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragOverS.c

---

### EZYXQ43W Unknown drag state.

**Explanation:** GetDragIconColors function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragOverS.c

---

### EZYXQ44W Unknown blendModel.

**Explanation:** XmNblendModel resource in XmDragContext widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragOverS.c

---

### EZYXQ51W Unable to get dropSite window geometry.

**Explanation:** CreateAnimationSaveData function.

**System action:** The application continues.

**Operator response:** None.



**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragUnder.c

---

**EZYXQ52W Invalid animationPixmapDepth.**

**Explanation:** XmNanimationPixmapDepth resource in XmDropSite registry.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DragUnder.c

---

**EZYXQ61W Cannot create drop sites which are children of a simple drop site.**

**Explanation:** XmNdropSiteType resource in XmDropSite registry.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ62W Receiving Motion Events without an active drag context.**

**Explanation:** XmDragContext widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ63W Receiving operation changed without an active drag context.**

**Explanation:** XmDragContext widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ64W Creating an active drop site with no drop procedure.**

**Explanation:** XmDropSiteRegister function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ65W Cannot set rectangles or rectangle numbers of composite drop sites.**

**Explanation:** XmNdropsRectangles resource in XmDropSite registry.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ66W Registering a widget as a drop site out of sequence. Ancestors must be registered before any of their descendants are registered.**

**Explanation:** XmDropSiteRegister function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ67W Cannot register widget as a drop site more than once.**

**Explanation:** XmDropSiteRegister function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ68W DropSite type may only be set at creation time.**

**Explanation:** XmNdropsSiteType resource in XmDropSite registry.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ69W Cannot change rectangles of non-simple dropsite.**

**Explanation:** XmNdropRectangles resource in XmDropSite registry.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgr.c

---

**EZYXQ70W Cannot register a drop site which is a descendent of a simple drop site.**

**Explanation:** XmDropSiteRegister function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgrI.c

---

**EZYXQ71W Cannot create a discontinuous child list for a composite drop site.**

**Explanation:** XmDropSiteRegister function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgrI.c

---

**EZYXQ72W *string* is not a drop site child of *string*.**

**Explanation:** XmDropSiteRegister function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgrI.c

---

**EZYXQ73W Cannot register a Shell as a drop site.**

**Explanation:** The XmDropSiteRegister function detected an error while attempting to register a drop site. The Widget to be registered is defined as a Shell.

**System action:** The application continues.

## EZYXQ81W • EZYXR01W

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** DropSMgrI.c

---

### EZYXQ81W Failure of geometry request to "almost" reply.

**Explanation:** The Intrinsics protocol guarantees a "Yes" response to a request with identical geometry to that which was returned by a previous request returning "almost".

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** GeoUtils.c

---

### EZYXQ82W Invalid order found in XmSelectionBox.

**Explanation:** XmSelectionBox geometry.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** GeoUtils.c

---

### EZYXQ91W Memory error.

**Explanation:** An attempt to allocate memory failed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Increase the region size in which the program executes.

**Module:** Xm.a library.

**Procedure Name:** Region.c

---

### EZYXR01W Illegal representation type id.

**Explanation:** XmRepTypeValidValue function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RepType.c

---

---

**EZYXR02W** Illegal value *number* for rep type XmRxxx.

**Explanation:** XmRepTypeValidValue function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RepType.c

---

**EZYXR03W** Reverse Conversion of

**Explanation:** This is a header message for XmRepTypeEntry conversions in the ReverseConvertRepType function, and will be output for most conversions.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** RepType.c

---

**EZYXR11W** FetchUnitType: bad widget class.

**Explanation:** FetchUnitType function. Widget is not gadget, manager, or primitive.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

**EZYXR12W** Cannot continue because of errors in a default font list.

**Explanation:** GetNextFontListEntry function failed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

**EZYXR13W** Missing colon in font string *string*; any remaining fonts in list unparsed.

**Explanation:** The GetNextFontListEntry function detected that a font set in the font list was missing the colon delimiter. Any fonts remaining on the list are not parsed.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

## EZYXR14W • EZYXR17W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

### EZYXR14W Invalid delimiter in tag *string*; any remaining fonts in list unparsed.

**Explanation:** The GetNextFontListEntry function detected that the delimiter between two font list items is not valid. Any fonts remaining in the list are not parsed.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

### EZYXR15W Unmatched quotation marks in tag *string*; any remaining fonts in list unparsed.

**Explanation:** The GetFontName function detected that the font list started with a quotation mark ("), but did not end with a quotation mark ("). Remaining fonts in the list are not parsed.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

### EZYXR16W Null tag found when converting to type *string*; any remaining fonts in list unparsed.

**Explanation:** The GetFontTag function found a NULL tag when expecting a real value. Remaining fonts in the list are not parsed.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

### EZYXR17W Cannot convert XmString to Compound Text.

**Explanation:** The XmCvtXmStringToCT function detected an error in the cvtXmStringToText function. The XmString could not be converted directly to a Compound String.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c

---

**EZYXR18W Insufficient memory for XmTextListToTextProperty.**

**Explanation:** The processCharsetAndText function detected that the XNoMemory flag was turned on during XmTextListToTextProperty processing.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c

---

**EZYXR19W Locale not supported for XmTextListToTextProperty.**

**Explanation:** The processCharsetAndText function detected that the XLocaleNotSupported flag was turned on during XmTextListToTextProperty processing.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c

---

**EZYXR20W XmTextListToTextProperty failed.**

**Explanation:** The processCharsetAndText function detected a failure in the XmTextListToTextProperty function.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c

---

**EZYXR21W Icon screen mismatch.**

**Explanation:** XmScreen widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Screen.c

---

**EZYXR22W Cannot get XmScreen because XmDisplay was not found.**

**Explanation:** XmGetXmScreen function.

**System action:** The application continues.

**Operator response:** None.

## EZYXR41W • EZYXR52W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Screen.c

---

**EZYXR41W Could not allocate memory for color object data.**

**Explanation:** An attempt to allocate memory failed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Increase the region size in which the program executes.

**Module:** Xm.a library.

**Procedure Name:** ColorObj.c

---

**EZYXR42W Bad screen number from color server selection.**

**Explanation:** GetSelection function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ColorObj.c CDE Icon Gadget messages

---

**EZYXR51W Cannot convert widget name to Widget.**

**Explanation:** The StringToEntity function detected that an incorrect number of parameters was used.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

**EZYXR52W Cannot convert compound text to XmString.**

**Explanation:** The XmCvtTextToXmString function detected an error while converting a compound text string to an XmString.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c

---



---

**EZYXR53W Cannot convert XmString to compound text.**

**Explanation:** The XmCvtXmStringToText function detected an error while converting the XmString to an ASCII string.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c

---

**EZYXR61W Applications cannot add children to XmComboBox widgets.**

**Explanation:** The InsertChild function detected that the application attempted to add another child after the ComboBox had already made its children.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR62W XmNcomboBoxType resource cannot be changed by XtSetValues.**

**Explanation:** The SetValues function detected that the ComboBox type was illegally changed after creation. The ComboBox type is reset to the original value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR63W Internal widget has been destroyed. Behavior is undefined.**

**Explanation:** The ListSelectionCB function or the DoLayout function detected that the Widget passed into the function is missing or not valid.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR64W Internal widget has been unmanaged. Behavior is undefined.**

**Explanation:** The DoLayout function detected that either the List or EditBox XmComboBoxWidget is unmanaged.

**System action:** The application continues.

**Operator response:** None.

## EZYXR65W • EZYXR67W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

### EZYXR65W XmQUICK\_NAVIGATE is only valid for ComboBoxes of XmNcomboBoxType XmDROP\_DOWN\_LIST.

**Explanation:** The Initialize function or the SetValues function detected that XmQUICK\_NAVIGATE was not valid with XmNcomboBoxType XmDROP\_DOWN\_LIST. The XmNmatchBehavior is reset to its previous state.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

### EZYXR66W Action invoked with the wrong number of parameters.

**Explanation:** The CBListAction function detected that an incorrect number of parameters was used. The required number of parameters is one.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

### EZYXR67W Action routine called from a widget that is not a descendant of ComboBox.

**Explanation:** The FindComboBox call failed in one of the following functions because the passed Widget did not contain a ComboBox:

- CBArmAndDropDownList
- CBDisarm
- CBDropDownList
- CBFocusIn
- CBFocusOut
- CBTextFocusOut
- CBActivate, CBCancel
- CBListAction

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error. error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

---

**EZYXR68W XmComboBoxSelectItem called with an item not present in the ComboBox.**

**Explanation:** The XmComboBoxSelectItem function detected that the selected item is not present in the ComboBox.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR69W XmComboBoxSetItem called with an item present in the ComboBox.**

**Explanation:** The XmComboBoxSetItem function detected a failure in the XmListItemPos function due to an incorrect XmString value being passed into either XmComboBoxSetItem or XmListItemPos.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR70W XmComboBoxDeletePos called with an invalid position.**

**Explanation:** The XmComboBoxDeletePos function detected one of the following:

- The position to be deleted had a value lower than zero.
- The position to be deleted was greater than the number of items in the list.
- The number of list items was zero.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR71W XmComboBox utility routine called with an invalid widget.**

**Explanation:** One of the following functions detected that passed Widget is not a ComboBox:

- XmComboBoxAddItem
- XmComboBoxDeletePos
- XmComboBoxSelectItem
- XmComboBoxSetItem
- XmComboBoxUpdate

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR72W Applications may not set the automatic XmComboBox widget children.**

**Explanation:** The Initialize function or the SetValues function detected that a change in either the list child or the editbox child occurred. The children are reset to NULL.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ComboBox.c

---

**EZYXR81W Action invoked with the wrong number of parameters.**

**Explanation:** One of the following functions was invoked with the wrong number of parameters:

- ContainerHandleBtn1Down
- ContainerHandleBtn1Motion
- ContainerHandleBtn1Up
- ContainerHandleBtn2Down
- ContainerHandleBtn2Motion

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Container.c

---

**EZYXR82W XmNdetailColumnHeading and XmNdetailColumnHeadingCount do not match!**

**Explanation:** The Initialize function detected that the XmNdetailColumnHeading and XmNdetailColumnHeadingCount do not match.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Container.c

---

**EZYXR91W Widget class *string* has invalid CompositeClassExtension record.**

**Explanation:** The FindCompClassExtension function detected that the current Widget has incorrect version and record\_size values in the CompositeClassExtension record.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Manager.c

---

**EZYXR92W Cannot change XmNlayoutDirection or XmNstringDirection after initialization.**

**Explanation:** The SetValues function detected that either the XmNlayoutDirection or XmNstringDirection was changed after initialization. The incorrect value is reset to its initialized value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Manager.c

---

**EZYXS01W XmNnotebookChildType resource cannot be set by XtSetValues.**

**Explanation:** The ConstraintSetValues function detected that the XmNnotebookChildType does not match the initialized value. The XmNnotebookChildType is reset to its original value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Notebook.c

---

**EZYXS11W Wrong number of parameters for CvtStringToIconPixmap.**

**Explanation:** The CvtStringToIconPixmap function detected that an incorrect number of parameters was used.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PixConv.c

---

**EZYXS21W Cannot change XmNlayoutDirection after initialization.**

**Explanation:** The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to its initialized value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Primitive.c

---

**EZYXS31W AssocNavigator requires a navigator trait.**

**Explanation:** The \_XmSFAddNavigator function detected that the XmNavigatorTrait value was set to NULL.

**System action:** The application continues.

**Operator response:** None.

## EZYXS32W • EZYXS43W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollFrameT.c

---

### EZYXS32W DeAssocNavigator requires a navigator trait.

**Explanation:** The \_XmSFRemoveNavigator function detected that the XmNavigatorTrait value was set to NULL.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ScrollFrameT.c

---

### EZYXS41W No items supplied for XmSTRING child.

**Explanation:** The ConstraintInitialize function or the ConstraintSetValues function detected that there were no items placed in the XmStringTable, but there were items passed to the function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

---

### EZYXS42W XmNincrementValue cannot be 0. A value of 1 will be used.

**Explanation:** The ConstraintInitialize function or the ConstraintSetValues function detected an incorrect XmNincrementValue. XmNincrementValue is reset to one.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

---

### EZYXS43W Spin direction specified by XmNincrementValue has been reversed to match the specified XmNminimumValue and XmNmaximumValue.

**Explanation:** The ConstraintInitialize function or the ConstraintSetValues function detected that the Spin direction was incorrect. The spin direction was reversed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

---

**EZYXS44W XmNposition out of range. Minimum XmNposition used.**

**Explanation:** The ValidatePositionValue function detected that XmNposition was lower than the minimum allowed value. XmNposition is reset to the minimum value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

---

**EZYXS45W XmNposition out of range. Maximum XmNposition used.**

**Explanation:** The ValidatePositionValue function detected that XmNposition was greater than the maximum allowed value. XmNposition is reset to the maximum value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

---

**EZYXS46W Invalid value for XmNpositionType. Using default value.**

**Explanation:** The ConstraintInitialize or the ConstraintSetValues function detected that the XmNpositionType value is incorrect.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

---

**EZYXS51W Calling SelectionCallbackWrapper when transfers should be finished**

**Explanation:** The SelectionCallbackWrapper function was called when all outstanding transfers had completed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

---

**EZYXS52W The format and type of the callback supplied data does not match the data being merged.**

**Explanation:** The XmConvertMerge function detected that the format and type of the callback supplied data does not match the format and type of the data to be merged.

**System action:** The application continues.

**Operator response:** None.

## EZYXS53W • EZYXS56W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

---

**EZYXS53W** The status in the XmConvertCallbackStruct is not XmCONVERT\_MERGE.

**Explanation:** The XmConvertMerge function detected that the XmCONVERT\_MERGE was not set, but it is required.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

---

**EZYXS54W** XmCONVERT\_MORE is not supported.

**Explanation:** The \_XmConvertHandler function detected that XmCONVERT\_MORE is being used, which is not supported by this release of the Motif specification. The flag is changed to XmCONVERT\_DEFAULT.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

---

**EZYXS55W** Bad atom value found.

**Explanation:** The GetSafeAtomName function detected that XGetAtomName returned with either NULL or an incorrect atom name.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

---

**EZYXS56W** Warning: Attempt to start a MULTIPLE transfer when one is in progress.

**Explanation:** The XmTransferStartRequest function detected a MULTIPLE request while processing the current transfer.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c



---

**EZYXS57W** Warning: Attempt to send a MULTIPLE transfer when one is not in progress.

**Explanation:** The XmTransferSendRequest function detected that the attempted MULTIPLE request is not allowed for this transfer.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

---

**EZYXS61W** XtVaTypedArg conversion needs non-null widget handle.

**Explanation:** The Widget passed to the \_XmTypedArgToArg function was NULL.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VaSimple.c

---

**EZYXS62W** Unable to find type of resource for conversion.

**Explanation:** The \_XmTypedArgToArg function detected that the passed resource type in the typed argument list did not match a known resource type.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VaSimple.c

---

**EZYXS63W** Type conversion failed.

**Explanation:** The \_XmTypedArgToArg function detected that the address of the receiving XrmValue variable was NULL. The XtConvert process failed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VaSimple.c

---

**EZYXS71W** Name: *string* Class: *string*

**Explanation:** Motif Generic Header message called within VendorS.c for use with applications from the previous release of Motif.

**System action:** The application continues.

**Operator response:** None.

## EZYXS72W • EZYXS83W

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** VendorS.c

---

**EZYXS72W Action invoked with the wrong number of parameters.**

**Explanation:** A function was called with one of the following:

- No arguments
- More than one argument
- An argument that was not valid

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** FileSB.c, Notebook.c, ScrollBar.c, SelectioB.c

---

**EZYXS81W XmNtag cannot be NULL. Setting to empty string.**

**Explanation:** The ValidateTag function detected that the XmNtag was set to NULL.

**System action:** XmNtag is set to default and the application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmRenderT.c

---

**EZYXS82W Display is NULL. Cannot load font.**

**Explanation:** The ValidateAndLoadFont function detected that there was no valid Display to which to load the font.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmRenderT.c

---

**EZYXS83W XmNfontType invalid. Cannot load font.**

**Explanation:** The ValidateAndLoadFont function detected that the specified font or fontset is not a valid type.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmRenderT.c

---

---

**EZYXS84W Conversion failed. Cannot load font.**

**Explanation:** The ValidateAndLoadFont function detected that the font conversion failed because no callback was issued. The font did not load.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmRenderT.c

---

**EZYXS85W XmNfontType set to XmAS\_IS. Cannot load font.**

**Explanation:** The ValidateAndLoadFont function detected that the fontType was set to XmAS\_IS. The specified font is not loaded.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmRenderT.c

---

**EZYXS86W XmNloadModel is XmLOAD\_IMMEDIATE but XmNfont and XmNfontName not specified. Cannot load font.**

**Explanation:** The ValidateAndLoadFont function detected that the font and font name were not specified. The font was not loaded.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmRenderT.c

---

**EZYXS91W No font found.**

**Explanation:** The OptLineMetrics function or the SpecifiedSegmentExtents function detected that a font was not specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmString.c

---

**EZYXT01W Tab value cannot be negative.**

**Explanation:** The XmTabCreate function or the XmTabSetValue function detected that the \_XmTabValue contained a negative value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** XmTabList.c

---

**EZYXT11W XmNtextField resource cannot be set.**

**Explanation:** The SetValues function detected that the current textfield Widget is not equal to the new textfield Widget, and cannot be set to the specified value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SSpinB.c

---

**EZYXT12W XmNpositionType resource can only be set at creation time.**

**Explanation:** The SetValues function detected that the current position of XmPOSITION\_{ARRAY,VALUE} does not equal the new position. The position cannot be changed.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SSpinB.c

---

**EZYXT13W Item does not exist. XmNposition is unchanged.**

**Explanation:** The XmSimpleSpinBoxSetItem function attempted to access an XmNposition value that is no longer present.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SSpinB.c

---

**EZYXU01W The duplicate option *string* was ignored**

**Explanation:** The same command line option has been repeated more than once.

**System action:** The compiler continues.

**Operator response:** Remove duplicate command line option.

**System programmer response:** None.

**Module:** UilCmd.c

**Procedure Name:** cmd\_decode\_command\_line

---

**EZYXU02W The unknown option *string* was ignored**

**Explanation:** An unknown option has been used in the compiler command line.

**System action:** The compiler continues.

**Operator response:** Check what you typed on the command line.

**System programmer response:** None.

**Module:** UilCmd.c

**Procedure Name:** cmd\_decode\_command\_line

---

**EZYXU03E The additional UIL source file: *string* was ignored**

**Explanation:** More than one source file was specified. Only the first source file will be compiled.

**System action:** The compiler continues.

**Operator response:** Compile additional source files using separate invocations or the compiler.

**System programmer response:** None.

**Module:** UilCmd.c

**Procedure Name:** cmd\_decode\_command\_line

---

**EZYXU04S An error occurred opening source file: *string*.**

**Explanation:** The source file specified could not be opened.

**System action:** The compiler ends.

**Operator response:** Verify that the file exists and has the proper permissions. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c, UilSrcSrc.c

**Procedure Name:** various

---

**EZYXU05S An error occurred reading next line of source file: *string*.**

**Explanation:** The source file specified could not be successfully read.

**System action:** The compiler ends.

**Operator response:** Verify that the file exists and has the proper permissions. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c, UilSrcSrc.c

**Procedure Name:** various

---

**EZYXU06S An internal error occurred in: *string***

**Explanation:** The compiler detected an internal error.

**System action:** The compiler ends.

**Operator response:** Submit a software problem report.

**System programmer response:** None.

## EZYXU07E • EZYXU11E

**Module:** UilDiag.c

**Procedure Name:** diag\_handler

---

### EZYXU07E The line was truncated at *number* characters

**Explanation:** The compiler encountered a source line greater than 132 characters. Characters beyond the 132 character limit were ignored.

**System action:** The compiler continues.

**Operator response:** Break each source line longer than 132 characters into several source lines. Long string literals can be created using the concatenation operator.

**System programmer response:** None.

**Module:** UilSrcSrc.c

**Procedure Name:** src\_get\_source\_line

---

### EZYXU08E The value of *string* is out of range *string*.

**Explanation:** The value specified is outside the legal range for its type.

**System action:** The compiler continues.

**Operator response:** Change the UIL module source.

**System programmer response:** None.

**Module:** UilLexAna.c, UilSarMod.c, UilSemVal.c

**Procedure Name:** various

---

### EZYXU09E *string1* not terminated *string2*

**Explanation:** A string was not properly terminated. String1 and string2 explain the defect.

**System action:** The compiler continues.

**Operator response:** Change the UIL module source to terminate the sequence properly.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** various

---

### EZYXU10E The unprintable character *char* ignored

**Explanation:** The compiler encountered an illegal control character in the UIL specification file. The decimal value of the character is displayed.

**System action:** The compiler continues.

**Operator response:** Replace the character with the sequence specified in the message.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** yylex

---

### EZYXU11E The unknown sequence *string* ignored

**Explanation:** The compiler detected a sequence of printable characters it did not understand. The compiler omitted the sequence of characters shown.

**System action:** The compiler continues.

**Operator response:** Fix the UIL module source.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** yylex

---

**EZYXU12E The unknown escape sequence `\char - \\` ignored**

**Explanation:** A back slash was followed by an unknown escape character. The back slash is the escape character in UIL. A selected set of single characters can follow a back slash such as `\n` for new line. The character following the back slash was not one of the selected set.

**System action:** The compiler continues.

**Operator response:** Fix the UIL module source.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** yylex

---

**EZYXU13E The name exceeds *number* characters. It was truncated to: *string***

**Explanation:** The UIL compiler encountered a name longer than 31 characters. The compiler truncated the name to the leftmost 31 characters.

**System action:** The compiler continues.

**Operator response:** Fix the UIL module source.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** yylex

---

**EZYXU14S The compiler ran out of virtual memory**

**Explanation:** The compiler ran out of virtual memory.

**System action:** The compiler continues.

**Operator response:** Reduce the size of your application or increase virtual memory.

**System programmer response:** None.

**Module:** UilMain.c

**Procedure Name:** uil\_mmove

---

**EZYXU15E An unexpected string token was seen. Parsing will resume after *string*.**

**Explanation:** At the point marked in the module, the compiler found a construct, such as a punctuation mark, name, or keyword, when it was expecting a different construct. The compiler continued analyzing the module at the next occurrence of the construct stated in the message.

**System action:** The compiler continues.

**Operator response:** Check the syntax of your UIL module at the point marked by the compiler. If the module specifies case-sensitive names, check that your keywords are in lowercase characters.

**System programmer response:** None.

**Module:** UilLexAna.c, UilLexPars.c

**Procedure Name:** various

---

**EZYXU16E** *string string must be defined before this reference*

**Explanation:** The widget pointed to in the message was either never defined or not defined prior to this point in the module. The compiler requires to be defined before you refer to the widget at the next occurrence of the construct stated in the message.

**System action:** The compiler continues.

**Operator response:** Check for a misspelling of the name of the widget, a missing declaration for the widget, or declaring the widget after its first reference. If names in the module are case-sensitive, the spellings of the name in the declaration and in the reference must match exactly.

**System programmer response:** None.

**Module:** UilSarProc.c, UilSarVal.c

**Procedure Name:** various

---

**EZYXU17E** **The context requires a string but *string* was specified**

**Explanation:** At the point marked in the specification, one type of object (such as a widget) is required and your specification supplied a different type of object (such as a value).

**System action:** The compiler continues.

**Operator response:** Check for misspelling. Also check to ensure that you have referred to the intended widget.

**System programmer response:** None.

**Module:** UilSarProc.c, UilSarVal.c

**Procedure Name:** various

---

**EZYXU18E** *string is not implemented yet*

**Explanation:** You are using a feature of UIL that has not been implemented yet.

**System action:** The compiler continues.

**Operator response:** Try an alternate technique.

**System programmer response:** None.

**Module:** UilSarProc.c, UilSarVal.c

**Procedure Name:** various

---

**EZYXU19E** *string value was found when string value was expected*

**Explanation:** The indicated value is not of the specific type required by UIL in this context.

**System action:** The compiler continues.

**Operator response:** Check the definition of the function or clause.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** various

---

**EZYXU20W** **The *string string* is not supported for the *string* object**

**Explanation:** Each widget or gadget supports a specific set of parameters, reasons, and children. The particular parameter, reason, or child you specified is not supported for this widget or gadget.

**System action:** The compiler continues.

**Operator response:** If a widget creation function accepts a parameter that UIL rejects, it does not necessarily mean that the UIL compiler is in error. Widget creation functions ignore parameters that they do not support without notifying you that the parameter is being ignored.



**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** various

---

**EZYXU21I** This *string string* supersedes a previous definition in this *string string*

**Explanation:** A parameter or call-back list has either a duplicate parameter or duplicate reason.

**System action:** The compiler continues.

**Operator response:** This is not necessarily an error. The compiler is alerting you to make sure that you intend to override the value of a prior parameter. This informational message can be suppressed using the -I option.

**System programmer response:** None.

**Module:** UilSemVal.c, UilSarMod.c

**Procedure Name:** various

---

**EZYXU22E** The name *string* previously defined as *string*

**Explanation:** The name marked by the message was used in a previous declaration. UIL requires that the names of all widgets declared within a module be unique.

**System action:** The compiler continues.

**Operator response:** Check for a misspelling. If the module is case-sensitive, the spellings of names in declarations and in references must match exactly.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** sem\_dcl\_name

---

**EZYXU23E** The value used in this context must be private

**Explanation:** A private value is one that is not imported or exported. In the context marked by the message, only a private value is legal. Situations where this message is issued include defining one value in terms of another, and defining parameters in terms of functions. In general, a value must be private when the compiler must know the value at compilation time. Exported values are disallowed in these context, even though a value is present, because that value could be overridden at run time.

**System action:** The compiler continues.

**Operator response:** Change the value to private.

**System programmer response:** None.

**Module:** UilSarVal.c, UilSemVal.c

**Procedure Name:** various

---

**EZYXU24E** The procedure *string* was previously declared with *number* arguments

**Explanation:** The declaration of the marked procedure specified a different number of parameters than are present in this procedure reference.

**System action:** The compiler continues.

**Operator response:** Check that you are calling the correct function. If you intend to call the procedure with a varying number of parameters, omit the argument list in the procedure declaration.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** sem\_validate\_procref\_entry

**EZYXU25E** *string value was found. The argument to procedure string must be string value*

**Explanation:** The declaration of the marked procedure specified a different type of parameters than is present in this procedure reference.

**System action:** The compiler continues.

**Operator response:** Check that you are passing the correct parameter to the correct function. If you intend to call the procedure with varying parameter types, declare the procedure specifying 'any' as the type of the parameter.

**System programmer response:** None.

**Module:** various

**Procedure Name:** various

---

**EZYXU26E** *string string was found when string string was expected*

**Explanation:** Most parameters take values of a specific type. The value specified is not correct for this procedure.

**System action:** The compiler continues.

**Operator response:** The message indicates the expected type of parameter. Check that you have specified the intended value and that you specified the correct parameter.

**System programmer response:** None.

**Module:** UilSarMod.c, UilSarObj.c

**Procedure Name:** various

---

**EZYXU27E** *string string was never defined*

**Explanation:** Certain UIL objects, such as gadgets and widgets, can be referred to before they are defined. The marked widget is such an object, however the compiler never found the widget declaration.

**System action:** The compiler continues.

**Operator response:** Check for misspelling. If the module is case-sensitive, the spellings of names in declarations and in references must match exactly.

**System programmer response:** None.

**Module:** UilP2Reslv.c

**Procedure Name:** sem\_resolve\_forward\_ref

---

**EZYXU28E** *string string was already specified*

**Explanation:** A widget or gadget declaration can have, at most, one argument list, one call-back list, and one controls list.

**System action:** The compiler continues.

**Operator response:** If you want to specify multiple lists of arguments, controls and call-backs, you can do so within one list. For example: arguments (argument\_list1; argument\_list2;).

**System programmer response:** None.

**Module:** UilSarObj.c

**Procedure Name:** sar\_save\_feature

---

**EZYXU29E** *string item is not allowed in string string*

**Explanation:** The indicated list item is not of the type required by the list. Argument lists must contain argument entries, call-back lists must contain call-back entries, control lists must contain control entries and procedure lists must contain procedure entries.

**System action:** The compiler continues.

**Operator response:** Check the syntax for the type of list entry that is required in this context and change the indicated list item.

**System programmer response:** None.

**Module:** UilSarObj.c, UilSemVal.c

**Procedure Name:** various

---

**EZYXU30S The compilation was terminated. Fix the previous errors**

**Explanation:** Errors encountered during the compilation have caused the compiler to stop processing.

**System action:** The compiler ends.

**Operator response:** Fix the errors already diagnosed by the compiler and re-compile.

**System programmer response:** None.

**Module:** UilDiags.c

**Procedure Name:** diag\_issue\_diagnostic

---

**EZYXU31S An internal error occurred. Submit a defect report.**

**Explanation:** The compiler diagnosed an internal error.

**System action:** The compiler ends.

**Operator response:** Get a listing and identify where the error is being issued. Try to correct any faulty syntax in this area. If you are unable to prevent this error, submit a software problem report.

**System programmer response:** None.

**Module:** UilDiags.c

**Procedure Name:** diag\_issue\_diagnostic

---

**EZYXU33E *string* was missing following "*string*" option**

**Explanation:** You used a command line option that requires a parameter and you did not provide that parameter.

**System action:** The compiler continues.

**Operator response:** Omit the option or provide the parameter.

**System programmer response:** None.

**Module:** UilCmd.c

**Procedure Name:** cmd\_decode\_command\_line

---

**EZYXU34S An error occurred opening the listing file: *filename***

**Explanation:** The compiler could not create the listing file noted in the message.

**System action:** The compiler ends.

**Operator response:** Check that you have write access to the directory you specified to hold the listing file.

**System programmer response:** None.

**Module:** UilLstLst.c

**Procedure Name:** lst\_open\_listing

---

## EZYXU35S • EZYXU40S

---

**EZYXU35S** An error occurred writing to the listing file: *filename*

**Explanation:** The compiler could not write a line into the listing file noted in the message.

**System action:** The compiler ends.

**Operator response:** Check to see that there is adequate space in the disk specified to hold the listing file.

**System programmer response:** None.

**Module:** UilLstLst.c

**Procedure Name:** lst\_output\_line

---

**EZYXU36E** An invalid module structure was detected. Check the UIL module syntax

**Explanation:** The structure of the UIL module is incorrect.

**System action:** The compiler continues.

**Operator response:** If there are any syntax errors reported, correct them and re-compile.

**System programmer response:** None.

**Module:** UilMain.c

**Procedure Name:** common\_main

---

**EZYXU37S** Too many source files are open: *number*

**Explanation:** The compiler has a fixed limit for the number of source and include files that it can process. This number is reported in the message.

**System action:** The compiler ends.

**Operator response:** Use fewer include files.

**System programmer response:** None.

**Module:** UilSrcSrc.c

**Procedure Name:** src\_open\_file

---

**EZYXU39I** errors: *number* warnings: *number* informationals: *number*

**Explanation:** This message lists a summary of the diagnostic data issued by the compiler and is displayed only when diagnostic data has been issued.

**System action:** The compiler continues.

**Operator response:** Correct the problems reported. You can use the -I option to suppress informational and warning diagnostic data that you have determined to be harmless.

**System programmer response:** None.

**Module:** UilDiags.c

**Procedure Name:** diag\_issue\_summary

---

**EZYXU40S** An error occurred opening the UID file: *filename*

**Explanation:** The compiler could not create the UID file noted in the message. A UID file holds the compiled user-interface specification.

**System action:** The compiler ends.

**Operator response:** Check that you have write access to the directory you specified to hold the UID file.

**System programmer response:** None.

**Module:** UilP2Out.c

**Procedure Name:** sem\_output\_uid\_file

---

**EZYXU41I No UID file was produced**

**Explanation:** If the compiler reported recoverable or nonrecoverable errors, no UID file is produced. The message informs you that the compiler did not produce a UID file.

**System action:** The compiler continues.

**Operator response:** Fix the problems reported by the compiler.

**System programmer response:** None.

**Module:** UilP2Out.c

**Procedure Name:** sem\_output\_uid\_file

---

**EZYXU42E The creation procedure is not supported by the *string* widget**

**Explanation:** You specified a creation procedure for a toolkit widget. You can specify a creation procedure only for a user-defined widget.

**System action:** The compiler continues.

**Operator response:** Remove the procedure clause following the widget type.

**System programmer response:** None.

**Module:** various

**Procedure Name:** various

---

**EZYXU43E The creation procedure is not allowed in a *string* widget reference**

**Explanation:** You specified a creation procedure when referencing a widget. You can specify a creation procedure only when you declare the widget.

**System action:** The compiler continues.

**Operator response:** Remove the procedure clause following the object type.

**System programmer response:** None.

**Module:** UilSarObj.c

**Procedure Name:** sar\_verify\_object

---

**EZYXU44E The creation procedure is required in a *string* widget declaration**

**Explanation:** When defining a user-defined widget, you must specify the name of the creation function for creating an instance of this widget.

**System action:** The compiler continues.

**Operator response:** Insert a procedure clause following the widget type in the widget declaration. You also need to declare the creation procedure using a procedure declaration.

**System programmer response:** None.

**Module:** UilSarObj.c

**Procedure Name:** sar\_verify\_object

---

**EZYXU45W A NULL character in a string is not supported**

**Explanation:** You have created a string that has an embedded null character. Strings are represented in a UID file and in many toolkit data structures as null-terminated strings. So, although the embedded nulls will be placed in the UID file, toolkit functions might interpret an imbedded null as the terminator for the string.

**System action:** The compiler continues.

## EZYXU46E • EZYXU49W

**Operator response:** Be careful when using embedded nulls.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** yyparse

---

### EZYXU46E *Widget string* is part of a circular definition

**Explanation:** The indicated object is referenced as a descendant of itself, either within its own definition or within the definition of one of the widgets in the widget tree that the object controls.

**System action:** The compiler continues.

**Operator response:** Change the definition of the indicated widget so that it is not a descendant of itself.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** sem\_validate\_callback\_entry

---

### EZYXU47S *No source file* was specified

**Explanation:** No source file was specified to compile.

**System action:** The compiler ends.

**Operator response:** Specify the name of a UIL specification file to compile.

**System programmer response:** None.

**Module:** UilCmd.c

**Procedure Name:** cmd\_decode\_command\_line

---

### EZYXU48W *string string* supports only a single *string string*

**Explanation:** You have specified a particular clause more than once in a context where that clause can only occur once. For example, the version clause in the module can only occur once.

**System action:** The compiler continues.

**Operator response:** Choose the correct clause and delete the others.

**System programmer response:** None.

**Module:** UilSarMod.c

**Procedure Name:** various

---

### EZYXU49W *string widget* supports only a single control

**Explanation:** The specified widget might only have one entry in its controls list.

**System action:** The compiler continues.

**Operator response:** Change the control list to have only one entry.

**System programmer response:** None.

**Module:** UilP2Out.c

**Procedure Name:** out\_emit\_widget

---

---

**EZYXU51E** Place the names clause before other module clauses

**Explanation:** The case-sensitive clause, if specified, must be the first clause following the name of the module. You have inserted another module clause before this clause.

**System action:** The compiler continues.

**Operator response:** Reorder the module clauses so that the case-sensitivity clause is first.

**System programmer response:** None.

**Module:** UilSarMod.c

**Procedure Name:** sar\_process\_module\_sensitivity

---

**EZYXU52E** The color letter string must be a single character

**Explanation:** The string associated with each color in a color table must hold exactly one character. You have specified a string with either fewer or more characters.

**System action:** The compiler continues.

**Operator response:** Use a single character to represent each color in a color table.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** sar\_make\_color\_item

---

**EZYXU53E** The color letter was used for prior color in this table

**Explanation:** Each of the letters used to represent a color in a color table must be unique. If not, that letter in an icon would represent more than one color. The letter marked has been assigned to more than one color.

**System action:** The compiler continues.

**Operator response:** Use a single character to represent each color in a color table.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** sar\_make\_color\_item

---

**EZYXU54E** Row *number* must have same width as row 1

**Explanation:** The icons supported by UIL are rectangular. As a result, each of the strings used to represent a row of pixels in an icon must have the same length. The specified row does not have the same length as the first row.

**System action:** The compiler continues.

**Operator response:** Use a single character to represent each color in a color table.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** sar\_make\_icon

---

**EZYXU55E** row *number*, column *number*: letter *letter* is not in the color table

**Explanation:** You have specified a color to be used in an icon that is not in the color table for that icon. The invalid color is identified in the message by displaying the letter used to represent it.

**System action:** The compiler continues.

**Operator response:** Either add the color to the color table for that icon, or use a character representing a color in the color table.

**System programmer response:** None.

## EZYXU56E • EZYXU62W

**Module:** UilSemVal.c

**Procedure Name:** sem\_evaluate\_value\_expr

---

**EZYXU56E** There are too many *string* in *string*. The limit is *number*

**Explanation:** You exceeded a compiler limit such as the number of fonts in a font table or the number of strings in translation table. The message indicates the limit imposed by the compiler.

**System action:** The compiler continues.

**Operator response:** Restructure your UIL module.

**System programmer response:** None.

**Module:** UilCmd.c, UilSarVal.c

**Procedure Name:** various

---

**EZYXU58W** The *string* gadget is not supported. The *string* widget will be used instead

**Explanation:** The indicated widget type does not support a gadget variant, only a widget variant is supported for this widget type. The UIL compiler ignores the gadget indication and creates widgets of this widget type.

**System action:** The compiler continues.

**Operator response:** Restructure your UIL module.

**System programmer response:** None.

**Module:** UilSarMod.c, UilSarObj.c

**Procedure Name:** various

---

**EZYXU59E** The *string* type is not valid for *string*

**Explanation:** The indicated operand is not of a type that is supported by this operator.

**System action:** The compiler continues.

**Operator response:** Check the definition of the operator and make sure the type of the operand you specify is supported by the operator.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** validate\_arg

---

**EZYXU61W** The *string* constraint is not supported for the *string* *string*

**Explanation:** You have specified a constraint that does not exist or is not appropriate for the constrained object.

**System action:** The compiler continues.

**Operator response:** Check for spelling errors. Check that the constraint is appropriate.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** sem\_validate\_constraint\_entry

---

**EZYXU62W** Too many *string* options were detected, the limit is *number*

**Explanation:** You have specified more directories (using command line options) than the UIL compiler can process.

**System action:** The compiler continues.

**Operator response:** Reduce the number of directories specified by command line options.

**System programmer response:** None.



**Module:** UilCmd.c

**Procedure Name:** cmd\_decode\_command\_line

---

**EZYXU63W** An error occurred while closing the source file: *filename*

**Explanation:** The UIL compiler was not able to properly close a source file.

**System action:** The compiler continues.

**Operator response:** Check the permissions of the file and its parent directory.

**System programmer response:** None.

**Module:** UilSrcSrc.c

**Procedure Name:** Uil\_src\_cleanup\_source

---

**EZYXU64E** The *string* value is circularly defined

**Explanation:** You attempted to declare a value using an expression that contains the value you are declaring.

**System action:** The compiler continues.

**Operator response:** Remove the circular reference from the value expression.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** various

---

**EZYXU65W** The *string* built-in name was overridden

**Explanation:** You have declared the meaning of a nonreserved keyword again. This is permitted, but generates a warning. You will not be able to use the UIL-supplied function for the keyword after it is overridden.

**System action:** The compiler continues.

**Operator response:** Make sure that you intended to override the built-in keyword. Also make sure that you no longer need the UIL-supplied function for that keyword.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** sem\_dcl\_name

---

**EZYXU66W** The *string* argument does not support enumerated values

**Explanation:** You used the displayed argument along with a type that the argument does not support.

**System action:** The compiler continues.

**Operator response:** Correct the argument function. Use only supported types for the argument.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** sem\_validate\_argument\_enumset

---

**EZYXU67W** The *string* argument does not support the *string* enumerated value

**Explanation:** You used the displayed argument along with an inappropriate value. Review the allowed values for the resources supported by the widget.

**System action:** The compiler continues.

**Operator response:** Correct the argument function. Use only supported values for the argument.

**System programmer response:** None.

## EZYXU68E • EZYXU71S

**Module:** UilSemVal.c

**Procedure Name:** sem\_validate\_argument\_enumset

---

### EZYXU68E The environment variable, \$LANG, contains an unknown character set

**Explanation:** The \$LANG environment variable contains an unknown character set. The UIL compiler does not have a default definition for the character set, and you have not supplied a definition using the CHARACTER\_SET function.

**System action:** The compiler continues.

**Operator response:** Make sure the character set is spelled correctly. If it is a user-defined character set, make sure you have defined it within a CHARACTER\_SET function.

**System programmer response:** None.

**Module:** UilLexAna.c

**Procedure Name:** lex\_initialize\_analyzer

---

### EZYXU69E The *string* object's controls hierarchy contains a reference to itself

**Explanation:** You have referred to a widget within its own controls list. Widgets cannot act as their own controlled descendants.

**System action:** The compiler continues.

**Operator response:** Remove the circular reference from the widget controls list.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** various

---

### EZYXU70S The value *string* is too large for context buffer

**Explanation:** The UIL compiler was unable to allocate an internal buffer while attempting to parse the specified value.

**System action:** The compiler ends

**Operator response:** If possible, reduce the complexity of the value expression.

**System programmer response:** None.

**Module:** UilP2Out.c

**Procedure Name:** out\_emit\_value

---

### EZYXU71S Forward referencing is not allowed for *string*

**Explanation:** You have referenced an object before defining it.

**System action:** The compiler ends

**Operator response:** Restructure the module so the object is defined before being referenced.

**System programmer response:** None.

**Module:** UilSarMod.c

**Procedure Name:** sar\_process\_module\_version

---

---

**EZYXU72E** *string type cannot be converted to string type*

**Explanation:** You have defined an expression containing two types of operands that cannot be converted into one another (for example, integer and Pixmap ) or that require an explicit conversion function (for example, Boolean and Floating Point).

**System action:** The compiler continues

**Operator response:** Make sure that the expression is correct and that the required conversion functions are used.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** various

---

**EZYXU73E** *string is invalid*

**Explanation:** You defined an argument function using an argument that UIL does not allow.

**System action:** The compiler continues

**Operator response:** Make sure the argument function is correct.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** various

---

**EZYXU74S** *An error occurred while reading the binary database*

**Explanation:** The binary database file could not be successfully read.

**System action:** The compiler ends

**Operator response:** Verify that the file exists and has the proper permissions. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c

**Procedure Name:** various

---

**EZYXU75S** *The binary database was compiled with a future version*

**Explanation:** The binary database was compiled by a UIL version later than the compiler version being used.

**System action:** The compiler ends

**Operator response:** Use a binary database compiled with the current UIL compiler. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c

**Procedure Name:** db\_incorporate

---

**EZYXU76S** *An error occurred while opening the database file: filename*

**Explanation:** The binary database file could not be opened.

**System action:** The compiler ends

**Operator response:** Verify that the file exists and has the proper permissions. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c

**Procedure Name:** db\_open\_file

---

**EZYXU77S** An error occurred while writing to the UID file: *filename*

**Explanation:** The compiler could not write a line into the UID file noted in the message.

**System action:** The compiler ends

**Operator response:** Check to see that there is adequate space in the disk specified to hold the UID file.

**System programmer response:** None.

**Module:** UilP2Out.c

**Procedure Name:** various

---

**EZYXU79S** Invalid include file name

**Explanation:** The value\_entry structure is defined as a type other than char\_8, when char\_8 is required.

**System action:** The compiler ends

**Operator response:** Ensure usage of the correct structure type.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** UilSarInc.c

**Procedure Name:** sar\_include\_file()

---

**EZYXU80W** Incompatible unit types for arithmetic operation

**Explanation:** While performing an arithmetic operation with multiple arguments, the compiler found that the arguments were of incompatible types. For example, the compiler was expecting to perform an AND operation on two integer variables, and found that one variable was a floating point.

**System action:** The compiler ends

**Operator response:** Verify that the UID file has Integer and FloatingPoint Values in the correct order or place.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** sem\_evaluate\_value\_expr()

---

**EZYXU81I** *string* used as charset name; *string* used as charset component

**Explanation:** During NAME to CHARSET\_NAME conversion, the specified charset could not be resolved. The default charset was used.

**System action:** None.

**Operator response:** If the default charset is not acceptable, verify that the correct charset is accessible and correctly labeled.

**System programmer response:** None.

**Module:** UilSarComp.c

**Procedure Name:** sar\_make\_fallback\_charset()

---

**EZYXU82E** *string string* already specified for this *string string*

**Explanation:** A widget or gadget declaration can have no more than one argument list, one call-back list, and one control list.

**System action:** The compiler continues.

**Operator response:** If you want to specify multiple lists of arguments, controls and call-backs, you can do so within one list. For example: arguments (argument\_list1; argument\_list2;).

**System programmer response:** None.

**Module:** UilSarObj.c

**Procedure Name:** sar\_save\_feature()

---

**EZYXU99E** *string1 string2 string3*

**Explanation:** The Mrm function, *string1*, has detected an error. *string2* describes the error. *string3* states the status returned by the Mrm function.

**System action:** None.

**Operator response:** None.

**System programmer response:** Based on the error description, review the application code and the UIL module. Verify that the correct UID module is being accessed. In most cases, this is an application programming error. If the error description states that this is an internal error, submit a software problem report.

**Module:** Mrmerror.c

**Procedure Name:** Urm\_\_UT\_Error

---

**EZYXW01E** **Xlib: connection to string refused to server**

**Explanation:** The server identified by string has refused the connection.

**System action:** The application is ended.

**Operator response:** Issue the xhost command at the server to add the host address.

**System programmer response:** None.

**Module:** OpenDis.c

**Procedure Name:** XOpenDisplay

---

**EZYXW02E** **Xlib: client uses different protocol version (number) than server (number)!**

**Explanation:** There is a mismatch between the version of the X Window System protocol used by the client library and that used by the server (*string2*)

**System action:** The application is ended.

**Operator response:** Use a server which is compatible with the client library.

**System programmer response:** None.

**Module:** OpenDis.c

**Procedure Name:** XOpenDisplay

---

**EZYXW03E** **Error parsing argument "string1" (string2); string3**

**Explanation:** The Resource Manager has been passed an invalid argument. String1 is the option name; string2 is the value supplied; string3 is an explanatory comment.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** ParseCmd.c

**Procedure Name:** \_XReportParseError

---

**EZYXW04E** X connection to string broken (explicit kill or server shutdown).

**Explanation:** The server has been shut down or the client window has been destroyed. This message might be generated when a window is closed by the user and the application does not recognize what has happened.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** None.

**Module:** XlibInt.c

**Procedure Name:** \_XDefaultIOError

---

**EZYXW05E** XIO: fatal IO error number1 (string1) on X Server "string2" after number2 requests (number3 known processed) with number4 events remaining.

**Explanation:** The connection to the server has been broken. The reported error is number1 with a descriptive string string1. String2 identifies the server being used.

**System action:** The application is ended.

**Operator response:** Try to restart the application.

**System programmer response:** None.

**Module:** XlibInt.c

**Procedure Name:** \_XDefaultIOError

---

**EZYXW06E** Xlib: extension "string1" string2 on display "string2".

**Explanation:** An error has been detected by an X Window System extension. String1 is the name of the extension; string2 is a description of the error; String3 is the address of the server.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** extutil.c

**Procedure Name:** \_default\_exterror

---

**EZYXW07W** Warning: Current locale is not supported by Xlib

**Explanation:** The current locale is not supported by Xlib. The server code set is set to ISO8859-1.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** Conv.c

**Procedure Name:** init\_iconv

---

**EZYXW08W** Warning: Unable to convert from string1 to string2.

**Explanation:** Conversion tables do not exist for converting from code set string1 to code set string2. The default conversions are used.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** Conv.c

**Procedure Name:** init\_iconv

**EZYXW09I Unable to open message catalog: X11R6.cat**

**Explanation:** The message catalog for X Window System messages could not be opened.

**System action:** The application continues.

**Operator response:** Verify that the NLSPATH environment variable is set to the correct value.

**System programmer response:** None.

**Module:** OpenDis.c, Xt/Initialize.c

**Procedure Name:** XOpenDisplay,XtToolKitInitialize

**EZYXW10E X Error of failed request: string Major op code of failed request: number string (additional lines depending on X Error) Serial number of failed request: number Current serial number in output stream: number**

**Explanation:** This message is displayed by the default Xlib error handler. An X Window System protocol error has been detected. The type of error detected is described by string. The failed request Major op code is displayed as a number and as a descriptive string. This is followed by one or more of the following lines, depending on the type of error: ResourceID in failed request: hexadecimal number AtomID in failed request: hexadecimal number value in failed request: hexadecimal number Minor code of failed request: number. These lines are followed by the serial number of the failed request and the current serial number.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** XlibInt.c

**Procedure Name:** \_XPrintDefaultError

**EZYXW11E XtlibError: string1 string2 string3 string4**

**Explanation:** An Xtlib function has detected an error. String1 is the name of the function reporting the error, string2 is the error type, string3 is the error class, and string4 is a descriptive string.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** XtMsgCat.c

**Procedure Name:** XtErrorMsgCat

**EZYXW12W XtlibWarning: string1 string2 string3 string4**

**Explanation:** An Xtlib function has detected a recoverable error. String1 is the name of the function reporting the error, string2 is the error type, string3 is the error class, and string4 is a descriptive string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** XtMsgCat.c

## EZYXW13W • EZYXW17W

**Procedure Name:** XtWarningMsgCat

---

**EZYXW13W Xtlib: locale not supported by C library, locale unchanged.**

**Explanation:** An attempt was made to set the current locale to a value not supported by the C library.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** Initialize.c

**Procedure Name:** \_XtDefaultLanguageProc

---

**EZYXW14W Xtlib: locale not supported by Xlib, locale set to C**

**Explanation:** An attempt was made to set the current locale to a value not supported by Xlib.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** Initialize.c

**Procedure Name:** \_XtDefaultLanguageProc

---

**EZYXW15W Xtlib: X Locale modifiers not supported, using default**

**Explanation:** The locale modifiers could not be set.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** Initialize.c

**Procedure Name:** \_XtDefaultLanguageProc

---

**EZYXW16W XtVaTypedArg is not valid in XtVaSetSubvalues()**

**Explanation:** XtVaSetSubvalues has been called with typed arguments.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** VarCreate.c

**Procedure Name:** XtVaSetSubvalues

---

**EZYXW17W XtVaTypedArg is an invalid argument to XtVaGetSubvalues()**

**Explanation:** XtGetSubvalues has been called with typed arguments.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** VarGet.c



**Procedure Name:** XtVaGetSubvalues

---

**EZYXW18W String to BackingStore conversion needs no extra arguments**

**Explanation:** The string to backing store conversion has been called with an extra argument.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xmu/StrToBS.c

**Procedure Name:** XmuCvtStringToBackingStore

---

**EZYXW19W Xawlib: Too many parameters passed to highlight action table.**

**Explanation:** Extra parameters were passed in a call to Highlight().

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Command.c

**Procedure Name:** Highlight

---

**EZYXW20W List Widget: Unknown geometry return.**

**Explanation:** A call to ChangeSize contained an unknown geometry request.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/List.c

**Procedure Name:** ChangeSize

---

**EZYXW21W List Widget: Size changed when it shouldn't have when resizing.**

**Explanation:** An attempt was made to resize the List widget inappropriately.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/List.c

**Procedure Name:** Resize

---

**EZYXW22E MenuButton: Could not find menu widget named string.**

**Explanation:** An incorrect name was passed for a menu widget.

**System action:** The application continues.

**Operator response:** None.

## **EZYXW23W • EZYXW26W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** MenuButton.c

**Procedure Name:** PopupMenu

---

**EZYXW23W MultiSrc: The XtNuseStringInPlace resources may not be changed.**

**Explanation:** An attempt was made to change the XtNuseStringInPlace resource.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/MultiSrc.c

**Procedure Name:** SetValues

---

**EZYXW24E string1: unable to allocate number bytes for widget name**

**Explanation:** Unable to allocate the required number of bytes for a widget name. String1 is the name of the routine allocating the storage.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xmu/WidgetNode.c

**Procedure Name:** XmuWnInitializeNodes

---

**EZYXW25E String1: unable to calloc number1 number2 byte widget node ptrs**

**Explanation:** Unable to allocate number1 number2 byte areas of storage for use as widget node pointers.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xmu/WidgetNode.c

**Procedure Name:** XmuWnFetchResources

---

**EZYXW26W XawTextWidget: An attempt was made to insert an illegal selection.**

**Explanation:** An attempt was made to insert an illegal selection into an Xaw Text widget.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** TextAction.c

**Procedure Name:** StartAction

---

---

**EZYXW27W Xaw MultiSrc Object: possible memory leak in FreeAllPieces().**

**Explanation:** A possible memory leak has been detected in FreeAllPieces().

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** MultiSrc.c

**Procedure Name:** FreeAllPieces

---

**EZYXW28E Paned GripAction(); 1st parameter invalid.**

**Explanation:** The first parameter passed to HandleGrip is invalid.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Paned.c

**Procedure Name:** HandleGrip

---

**EZYXW29W Scrollbar Widget: Could not get geometry of thumb pixmap.**

**Explanation:** The scrollbar widget could not get the geometry of the thumb pixmap.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Scrollbar.c

**Procedure Name:** CreateGC

---

**EZYXW30W string Widget: The Simple Widget class method 'change\_sensitive' must be defined or inherited.**

**Explanation:** The widget named string does not have the Simple Widget class method 'change\_sensitive' defined or inherited.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Simple.c

**Procedure Name:** ClassPartInitialize

---

**EZYXW31E Paned GripAction has been passed incorrect parameters.**

**Explanation:** HandleGrip has been passed incorrect parameters.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

## EZYXW32E • EZYXW35W

**Module:** Xaw/Paned.c

**Procedure Name:** HandleGrip

---

### EZYXW32E Unknown event type in GetEventEntry().

**Explanation:** An unknown event type has been detected.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** SimpleMenu.c

**Procedure Name:** GetEventEntry

---

### EZYXW33W No Dynamic class change of the SimpleMenu Label.

**Explanation:** An attempt was made to change the class of the SimpleMenu label.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SimpleMenu.c

**Procedure Name:** GetValues

---

### EZYXW34W Xaw - SimpleMenuWidget: position menu action expects only one parameter which is the name of the menu.

**Explanation:** There should be only one parameter passed to PositionMenuAction.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SimpleMenu.c

**Procedure Name:** PositionMenuAction

---

### EZYXW35W Xaw - SimpleMenuWidget: could not find menu named: string

**Explanation:** The menu widget named string could not be found.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SimpleMenu.c

**Procedure Name:** PositionMenuAction

---

---

**EZYXW36W Xaw Simple Menu Widget: label string is NULL or label already exists, no label is being created.**

**Explanation:** The label string is NULL or the label already exists for a SimpleMenu widget.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SimpleMenu.c

**Procedure Name:** CreateLabel

---

**EZYXW37W Xaw Simple Menu Widget: Could not find location of mouse pointer.**

**Explanation:** The position of the mouse pointer could not be determined.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SimpleMenu.c

**Procedure Name:** PositionMenu

---

**EZYXW38E Xaw SmeBSB Object: Could not get Left Bitmap geometry information for menu entry "string"**

**Explanation:** The Left Bitmap geometry information for the menu entry named string could not be obtained.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SmeBSB.c

**Procedure Name:** GetBitmapInfo

---

**EZYXW39E Xaw SmeBSB Object: Left Bitmap of entry "string" is not one bit deep.**

**Explanation:** The bitmap specified for entry string is not one bit deep.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SmeBSB.c

**Procedure Name:** GetBitmapInfo

---

**EZYXW40E Xaw SmeBSB Object: Could not get Right Bitmap geometry information for menu entry "string".**

**Explanation:** The Right Bitmap geometry information for the menu entry named string could not be obtained.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SmeBSB.c

## EZYXW41E • EZYXW44W

Procedure Name: GetBitmapInfo

---

**EZYXW41E Xaw SmeBSB Object: Right Bitmap of entry "string" is not one bit deep.**

**Explanation:** The bitmap specified for entry string is not one bit deep.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SmeBSB.c

Procedure Name: GetBitmapInfo

---

**EZYXW42W Xaw Text Widget string: Vertical scrolling not allowed with height resize. Vertical scrolling has been DEACTIVATED.**

**Explanation:** An attempt was made to specify vertical scrolling with height resizing for Text widget string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

Procedure Name: Initialize

---

**EZYXW43W Xaw Text Widget string: Horizontal scrolling not allowed with wrapping active. Horizontal scrolling has been DEACTIVATED.**

**Explanation:** An attempt was made to specify horizontal scrolling when wrapping was active for Text widget string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

Procedure Name: Initialize

---

**EZYXW44W Xaw Text Widget string: Horizontal scrolling not allowed with width resize. Horizontal scrolling has been DEACTIVATED.**

**Explanation:** An attempt was made to specify horizontal scrolling and width resize for Text widget string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

Procedure Name: Initialize

---

---

**EZYXW45W Xaw Text Widget: empty selection array.**

**Explanation:** The selection array passed to DoSelection is empty.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

**Procedure Name:** DoSelection

---

**EZYXW46E Xaw Text Widget: multiply() takes exactly one argument.**

**Explanation:** An incorrect number or arguments was passed to multiply().

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/TextAction.c

**Procedure Name:** Multiply

---

**EZYXW47E Xaw Text Widget: multiply() argument must be a number greater than zero, or 'Reset'.**

**Explanation:** The argument to multiply must be a number greater than zero, or Reset.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/TextAction.c

**Procedure Name:** Multiply

---

**EZYXW48W string This action must have only one or two parameters.**

**Explanation:** The action, string, must have only one or two parameters.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/TextPop.c

**Procedure Name:** \_XawTextSearch

---

**EZYXW49W string The first parameter must be either backward or forward.**

**Explanation:** The first parameter for the Search routine of the Text Widget is not either 'backward' or 'forward'.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/TextPop.c

## EZYXW50W • EZYXW54W

**Procedure Name:** Search

---

**EZYXW50W Toggle Widget Error - Attempting to create a new toggle group when one already exists.**

**Explanation:** An attempt was made to create a new toggle group when one already exists.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Toggle.c

**Procedure Name:** CreateRadioGroup

---

**EZYXW51E Aborting, due to errors resolving bindings in the Toggle widget.**

**Explanation:** There is an error in the Toggle widget's action table.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Toggle.c

**Procedure Name:** ClassInit

---

**EZYXW52W we can not open any input method**

**Explanation:** Xaw is unable to open any input method.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/XawIm.c

**Procedure Name:** OpenIM

---

**EZYXW53W Xaw: input method doesn't support any style**

**Explanation:** The current input method does not support any style.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/XawIm.c

**Procedure Name:** OpenIM

---

**EZYXW54W Xaw: input method doesn't support my input style.**

**Explanation:** The input method being opened does not specify any supported style.

**System action:** The application continues.

**Operator response:** None.



**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/XawIm.c

**Procedure Name:** OpenIM

**EZYXW55E XSMP error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by: ) BadValue Offset = number BadValue Length = number BadValue = number**

**Explanation:** The session manager client routines have detected an error. The Offending minor code is displayed as a number and an explanatory string. The Error class and severity are displayed as strings. If the Error class is BadValue, the offset, length, and the bad value are displayed.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** SM/sm\_error.c

**Procedure Name:** \_SmcDefaultErrorHandler

**EZYXW56E ICE error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by one or more of the following:) BadValue Offset = string BadValue Length = string BadValue = string Major opcode : number Reason : string Protocol name : string**

**Explanation:** ICE has detected an error. Information about the error is displayed.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** ICE/error.c

**Procedure Name:** \_IceDefaultErrorHandler

**EZYXW57E X Error: string**

**Explanation:** An X Protocol error has been detected. String displays a description of the error.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xmu/DefErrMsg.c

**Procedure Name:** XmuPrintDefaultErrorMessage

**EZYXW58W XSMP error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by: ) BadValue Offset = number BadValue Length = number BadValue = number**

**Explanation:** The session manager server routines have detected an error. The Offending minor code is displayed as a number and an explanatory string. The Error class and severity are displayed as strings. If the Error class is BadValue, the offset, length, and the bad value are displayed.

**System action:** The application continues.

## **EZYXW59W • EZYXW62I**

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** SM/sm\_error.c

**Procedure Name:** \_SmcDefaultErrorHandler

---

**EZYXW59W Xaw Text widget string: empty copy queue.**

**Explanation:** An attempt was made to copy with an empty copy queue.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

**Procedure Name:** PopCopyQueue

---

**EZYXW60I Xlib: resource ID allocation space exhausted!**

**Explanation:** The X Window System resource ID space has been exhausted.

**System action:** The application continues.

**Operator response:** None. value.

**System programmer response:** None.

**Module:** XlibInt.c

**Procedure Name:** \_XAllocID

---

**EZYXW61I Xlib: sequence lost (number > number) in reply type number!**

**Explanation:** A sequence number has been received which is less than the last received sequence number.

**System action:** The application continues.

**Operator response:** Data might have been lost, consider restarting the application.

**System programmer response:** None.

**Module:** XlibInt.c

**Procedure Name:** \_XSetLastRequestRead

---

**EZYXW62I Xlib: unexpected async reply (sequence number)!**

**Explanation:** An asynchronous reply has been received when None. was expected.

**System action:** The application continues.

**Operator response:** Data might have been lost, consider restarting the application.

**System programmer response:** None.

**Module:** XlibInt.c

**Procedure Name:** \_XAsyncReply

---

---

**EZYXW6eI** Xlib: unexpected connection setup reply from server, type 'nbr'.

**Explanation:** An unexpected reply has been received the server. This could be an unexpected authenticate reply.

**System action:** The application is ended.

**Operator response:** Verify that you are meeting the authentication requirements of the server you are connecting to. Try again.

**System programmer response:** None.

**Module:** OpenDis.c

**Procedure Name:** XOpenDisplay

---

**EZYXW63E** Could not initialize the PEX extension on the specified display.

**Explanation:** The PEX server on the display could not be properly initialized.

**System action:** The application is ended.

**Operator response:** Verify that the PEX extension is active for the server.

**System programmer response:** None.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** PEXInitialize

---

**EZYXW64E** Could not allocate memory for PEXlib internal usage.

**Explanation:** PEXlib could not allocate memory.

**System action:** The application is ended.

**Operator response:** Increase virtual memory size.

**System programmer response:** None.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** PEXInitialize

---

**EZYXW65E** Implicit call to PEXGetEnumTypeInfo by PEXInitialize failed.

**Explanation:** PEXlib could not initialize properly.

**System action:** The application is ended.

**Operator response:** Verify that the PEX extension is active for the server.

**System programmer response:** None.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** PEXInitialize

---

**EZYXW66E** No floating point formats supported by server.

**Explanation:** The PEX server extension does not support any floating point formats supported by the client.

**System action:** The application is ended.

**Operator response:** Use a server which supports the required floating point format.

**System programmer response:** None.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** PEXInitialize

---

## EZYXW67E • EZYXW69I

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**EZYXW67E** Could not get PEX extension information.

**Explanation:** Information about the PEX server extension could not be obtained.

**System action:** The application is ended.

**Operator response:** Verify that the PEX server extension is active.

**System programmer response:** None.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** PEXInitialize

---

**EZYXW68E** Client speaks PEX num.num; Server speaks PEX num.num

**Explanation:** Attempting to use incompatible PEX client and server.

**System action:** The application is ended.

**Operator response:** Verify that the correct PEX server extension is active.

**System programmer response:** None.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** PEXInitialize

---

**EZYXW69I** Opcode of failed output command: number. Number of output commands processed: number.

**Explanation:** Displays the PEX opcode which failed.

**System action:** N/A

**Operator response:** None.

**System programmer response:** Correct the application and try again.

**Module:** PEX5/pl\_startup.c

**Procedure Name:** \_PEXPrintOCError

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## Appendix A. Message ranges and the components that issue them

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### Volume 1 ranges

Number Span	Component
EZA0519 - EZA0661	TCP/IP Utilities
EZA1450 - EZA2947	FTP
EZA2950 - EZA3172	Network Computing
EZA3950 - EZA4173	Network Database
EZA4250 - EZA4257	Portmapper
EZA4275 - EZA4361	Remote Procedure Call
EZA4375 - EZA4432	REXEC/D
EZA4726 - EZA4809	REXEC
EZA4986 - EZA5049	RSH
EZA5125 - EZA5651	SMTP
EZA5775 - EZA6230	SNALINK & SNALU6.2
EZA6275 - EZA6635	SQESERVE
EZA8200 - EZA8417	Telnet
EZA8500 - EZA9744	Common SayCalRe
EZAIN11 - EZAIN23	TCP/IP
EZAOP41 - EZAIN50	TCP/IP

---

### Volume 2 ranges

Number Span	Component
EZB0600 - EZB0857	LPD
EZB0900 - EZB1100	LPT
EZB1200 - EZB1230	X Window System
EZB2000 - EZB2498	XNX25
EZB2500 - EZB2785	Retired — do not use
EZB3000 - EZB3566	DNS
EZB3825 - EZB4198	NCROUTE
EZB6473	Initialization
EZB8801	FFST™
EZBHxxx	Health Checker
EZD0001 - EZD0050	Interface Layer
EZD0100 - EZD0799	Netstat
EZD0800 - EZD0801	Enterprise Extender
EZD0810 - EZD1160	IPSec

Number Span	Component
EZD1161 - EZD1162	DCAS configuration file
EZD1163 - EZD1214	DVIPA
EZD1215 - EZD1230	Multilevel Security Enhancements
EZD1231 - EZD1280	z/OS Load Balancing Advisor
EZD1281 - EZD1290	AT-TLS
EZD1291 - EZD1311	DVIPA
EZD1312 - EZD1316	TCP initialization/termination
EZD1317 - EZD1525	Security Defense Services
EZD1526 - EZD1575	IPSEC
EZD1576 - EZD1600	Policy agent
EZD1601 - EZD1650	Defense manager daemon

## Volume 3 ranges

Number Span	Component
EZY0002 - EZY0058	Packet Trace
EZY0620 - EZY0974	Network Print facility
EZY1020 - EZY1035	IMS Socket
EZY1120 - EZY1130	Sockets Extended
EZY1218 - EZY1371	CICS
EZY1372 - EZY1424	REXX Socket
EZY1870 - EZY2145	MVS Platform
EZY2370 - EZY2443	MISCSRV
EZY2632 - EZY2832	FTP
EZY3720 - EZY4199	Sockets
EZY4200 - EZY4484	Telnet DBCS
EZY5398	MVS Platform
EZY6001 - EZY6077	Restartable VMCF
EZY6101 - EZY6261	FFS Writer for JES
EZYFS01 - EZYFS95 EZYFT01 - EZYFT99	FTP
EZYPR001 - EZYPR214	Network Print Facility ISPF
EZYRC01 - EZYRC24	REXEC
EZYRD01 - EZYRD39	REXECD
EZYRP35 - EZYRP72 (EZA4331 - EZA4335)	RPC
EZYRS01 - EZYRS66	RSHD
EZYTE01 - EZYTE87 EZYTO01 - EZYTO12 EZYTS02 - EZYTS18 EZYTU01 - EZYTU36 EZYTY01 - EZYTY14	z/OS UNIX Telnet
EZYXM01 - EZYXR42	Motif API
EZYXU01 - EZYXU99	Motif User Interface Language Compiler
EZYXW01 - EZYXW69	X Window System

## Volume 4 ranges

Number Span	Component
EZZ0053 - EZZ0720	Configuration & Initialization
EZZ2351 - EZZ3099	Netstat
EZZ3105 - EZZ3133	OPING
EZZ3200 - EZZ3249	SNMP Subagent
EZZ3250 - EZZ3255	Operator Command
EZZ3300 - EZZ3344	OSNMP
EZZ3400 - EZZ4000	Netstat
EZZ4200 - EZZ4247	Initialization
EZZ4300 - EZZ4349	Interface Layer
EZZ4350	Initialization
EZZ4360 - EZZ4367	Storage Utilization
EZZ4820 - EZZ5027	ROUTED
EZZ6002 - EZZ6084	Telnet
EZZ6201 - EZZ6319	SNMP Agent
EZZ6351 - EZZ6388	OTRACERT
EZZ6452 - EZZ6705	DNS
EZZ7001 - EZZ7050	TFTP
EZZ7051 - EZZ7062	TIMED
EZZ7251 - EZZ7331	DHCP
EZZ7350 - EZZ7448	NSM
EZZ7450 - EZZ7452	Initialization
EZZ7475 - EZZ7478	Stack Configuration
EZZ7500 - EZZ7738	Sendmail & Popper
EZZ7800 - EZZ8111	OMPROUTE
EZZ8201 - EZZ8251	Policy Agent subagent
EZZ8252 - EZZ8260	D TCPIP,,SYSPLEX
EZZ8301 - EZZ8319	VIPA
EZZ8320 - EZZ8331	HOSTNAME, DOMAINNAME, DNSDOMAINNAME, HOST
EZZ8340 - EZZ8345	Misc. Command
EZZ8392 - EZZ8423	Trap Forwarder Daemon
EZZ8431 - EZZ8452	Policy Agent (PAGENT)
EZZ8453 - EZZ8460	Storage Display
EZZ8461 - EZZ8477	sysplex distributor
EZZ8495- EZZ8503	Intrusion Detection Services (SYSLOG)
EZZ8504 - EZZ8511	Intrusion Detection Services Statistics (TRMDSTAT)

<b>Number Span</b>	<b>Component</b>
EZZ8540	Intrusion Detection Services (SYSLOG)
EZZ8600 - EZZ8635	DCAS
EZZ8638 - EZZ8659	Intrusion Detection Services SYSLOG
EZZ8761 - EZZ8770	Intrusion Detection Services Console
EZZ8771 - EZZ8790	Policy Agent (PAGENT)
EZZ8791 - EZZ9290	DNS BIND 9
EZZ9291 - EZZ9304	System Resolver
EZZ9315	Initialization
EZZ9316 - EZZ9327	Intrusion Detection Services SYSLOG
EZZ9331 - EZZ9599	DNS BIND 9
EZZ9600 - EZZ9602	SNTP
EZZ9650 - EZZ9669	VIPA
EZZ9670 - EZZ9679	sysplex distributor
EZZ9680 - EZZ9724	DNS Bind 9
EZZ9780 - EZZ9784	neighbor discovery
EZZ9790 - EZZ9817	FTP
EZZ9891 - EZZ9993	Sendmail
SNM000 - SNM129	SNMPLIB



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## Appendix B. Related protocol specifications

This appendix lists the related protocol specifications (RFCs) for TCP/IP. The Internet Protocol suite is still evolving through requests for comments (RFC). New protocols are being designed and implemented by researchers and are brought to the attention of the Internet community in the form of RFCs. Some of these protocols are so useful that they become recommended protocols. That is, all future implementations for TCP/IP are recommended to implement these particular functions or protocols. These become the *de facto* standards, on which the TCP/IP protocol suite is built.

You can request RFCs through electronic mail, from the automated Network Information Center (NIC) mail server, by sending a message to `service@nic.ddn.mil` with a subject line of RFC *nnnn* for text versions or a subject line of RFC *nnnn*.PS for PostScript versions. To request a copy of the RFC index, send a message with a subject line of RFC INDEX.

For more information, contact `nic@nic.ddn.mil` or at:

Government Systems, Inc.  
Attn: Network Information Center  
14200 Park Meadow Drive  
Suite 200  
Chantilly, VA 22021

Hard copies of all RFCs are available from the NIC, either individually or by subscription. Online copies are available at the following Web address:  
<http://www.rfc-editor.org/rfc.html>.

See "Internet drafts" on page 582 for draft RFCs implemented in this and previous Communications Server releases.

Many features of TCP/IP Services are based on the following RFCs:

<b>RFC</b>	<b>Title and Author</b>
<b>RFC 652</b>	<i>Telnet output carriage-return disposition option</i> D. Crocker
<b>RFC 653</b>	<i>Telnet output horizontal tabstops option</i> D. Crocker
<b>RFC 654</b>	<i>Telnet output horizontal tab disposition option</i> D. Crocker
<b>RFC 655</b>	<i>Telnet output formfeed disposition option</i> D. Crocker
<b>RFC 657</b>	<i>Telnet output vertical tab disposition option</i> D. Crocker
<b>RFC 658</b>	<i>Telnet output linefeed disposition</i> D. Crocker
<b>RFC 698</b>	<i>Telnet extended ASCII option</i> T. Mock
<b>RFC 726</b>	<i>Remote Controlled Transmission and Echoing Telnet option</i> J. Postel, D. Crocker
<b>RFC 727</b>	<i>Telnet logout option</i> M.R. Crispin
<b>RFC 732</b>	<i>Telnet Data Entry Terminal option</i> J.D. Day
<b>RFC 733</b>	<i>Standard for the format of ARPA network text messages</i> D. Crocker, J. Vittal, K.T. Pogran, D.A. Henderson

RFC 734	<i>SUPDUP Protocol</i> M.R. Crispin
RFC 735	<i>Revised Telnet byte macro option</i> D. Crocker, R.H. Gumpertz
RFC 736	<i>Telnet SUPDUP option</i> M.R. Crispin
RFC 749	<i>Telnet SUPDUP—Output option</i> B. Greenberg
RFC 765	<i>File Transfer Protocol specification</i> J. Postel
RFC 768	<i>User Datagram Protocol</i> J. Postel
RFC 779	<i>Telnet send-location option</i> E. Killian
RFC 783	<i>TFTP Protocol (revision 2)</i> K.R. Sollins
RFC 791	<i>Internet Protocol</i> J. Postel
RFC 792	<i>Internet Control Message Protocol</i> J. Postel
RFC 793	<i>Transmission Control Protocol</i> J. Postel
RFC 820	<i>Assigned numbers</i> J. Postel
RFC 821	<i>Simple Mail Transfer Protocol</i> J. Postel
RFC 822	<i>Standard for the format of ARPA Internet text messages</i> D. Crocker
RFC 823	<i>DARPA Internet gateway</i> R. Hinden, A. Sheltzer
RFC 826	<i>Ethernet Address Resolution Protocol: Or converting network protocol addresses to 48.bit Ethernet address for transmission on Ethernet hardware</i> D. Plummer
RFC 854	<i>Telnet Protocol Specification</i> J. Postel, J. Reynolds
RFC 855	<i>Telnet Option Specification</i> J. Postel, J. Reynolds
RFC 856	<i>Telnet Binary Transmission</i> J. Postel, J. Reynolds
RFC 857	<i>Telnet Echo Option</i> J. Postel, J. Reynolds
RFC 858	<i>Telnet Suppress Go Ahead Option</i> J. Postel, J. Reynolds
RFC 859	<i>Telnet Status Option</i> J. Postel, J. Reynolds
RFC 860	<i>Telnet Timing Mark Option</i> J. Postel, J. Reynolds
RFC 861	<i>Telnet Extended Options: List Option</i> J. Postel, J. Reynolds
RFC 862	<i>Echo Protocol</i> J. Postel
RFC 863	<i>Discard Protocol</i> J. Postel
RFC 864	<i>Character Generator Protocol</i> J. Postel
RFC 865	<i>Quote of the Day Protocol</i> J. Postel
RFC 868	<i>Time Protocol</i> J. Postel, K. Harrenstien
RFC 877	<i>Standard for the transmission of IP datagrams over public data networks</i> J.T. Korb
RFC 883	<i>Domain names: Implementation specification</i> P.V. Mockapetris
RFC 884	<i>Telnet terminal type option</i> M. Solomon, E. Wimmers
RFC 885	<i>Telnet end of record option</i> J. Postel
RFC 894	<i>Standard for the transmission of IP datagrams over Ethernet networks</i> C. Hornig
RFC 896	<i>Congestion control in IP/TCP internetworks</i> J. Nagle

- RFC 903 *Reverse Address Resolution Protocol* R. Finlayson, T. Mann, J. Mogul, M. Theimer
- RFC 904 *Exterior Gateway Protocol formal specification* D. Mills
- RFC 919 *Broadcasting Internet Datagrams* J. Mogul
- RFC 922 *Broadcasting Internet datagrams in the presence of subnets* J. Mogul
- RFC 927 *TACACS user identification Telnet option* B.A. Anderson
- RFC 933 *Output marking Telnet option* S. Silverman
- RFC 946 *Telnet terminal location number option* R. Nedved
- RFC 950 *Internet Standard Subnetting Procedure* J. Mogul, J. Postel
- RFC 951 *Bootstrap Protocol* W.J. Croft, J. Gilmore
- RFC 952 *DoD Internet host table specification* K. Harrenstien, M. Stahl, E. Feinler
- RFC 959 *File Transfer Protocol* J. Postel, J.K. Reynolds
- RFC 961 *Official ARPA-Internet protocols* J.K. Reynolds, J. Postel
- RFC 974 *Mail routing and the domain system* C. Partridge
- RFC 1001 *Protocol standard for a NetBIOS service on a TCP/UDP transport: Concepts and methods* NetBios Working Group in the Defense Advanced Research Projects Agency, Internet Activities Board, End-to-End Services Task Force
- RFC 1002 *Protocol Standard for a NetBIOS service on a TCP/UDP transport: Detailed specifications* NetBios Working Group in the Defense Advanced Research Projects Agency, Internet Activities Board, End-to-End Services Task Force
- RFC 1006 *ISO transport services on top of the TCP: Version 3* M.T. Rose, D.E. Cass
- RFC 1009 *Requirements for Internet gateways* R. Braden, J. Postel
- RFC 1011 *Official Internet protocols* J. Reynolds, J. Postel
- RFC 1013 *X Window System Protocol, version 11: Alpha update April 1987* R. Scheifler
- RFC 1014 *XDR: External Data Representation standard* Sun Microsystems
- RFC 1027 *Using ARP to implement transparent subnet gateways* S. Carl-Mitchell, J. Quarterman
- RFC 1032 *Domain administrators guide* M. Stahl
- RFC 1033 *Domain administrators operations guide* M. Lottor
- RFC 1034 *Domain names—concepts and facilities* P.V. Mockapetris
- RFC 1035 *Domain names—implementation and specification* P.V. Mockapetris
- RFC 1038 *Draft revised IP security option* M. St. Johns
- RFC 1041 *Telnet 3270 regime option* Y. Rekhter
- RFC 1042 *Standard for the transmission of IP datagrams over IEEE 802 networks* J. Postel, J. Reynolds
- RFC 1043 *Telnet Data Entry Terminal option: DODIIS implementation* A. Yasuda, T. Thompson

- RFC 1044** *Internet Protocol on Network System's HYPERchannel: Protocol specification* K. Hardwick, J. Lekashman
- RFC 1053** *Telnet X.3 PAD option* S. Levy, T. Jacobson
- RFC 1055** *Nonstandard for transmission of IP datagrams over serial lines: SLIP* J. Romkey
- RFC 1057** *RPC: Remote Procedure Call Protocol Specification: Version 2* Sun Microsystems
- RFC 1058** *Routing Information Protocol* C. Hedrick
- RFC 1060** *Assigned numbers* J. Reynolds, J. Postel
- RFC 1067** *Simple Network Management Protocol* J.D. Case, M. Fedor, M.L. Schoffstall, J. Davin
- RFC 1071** *Computing the Internet checksum* R.T. Braden, D.A. Borman, C. Partridge
- RFC 1072** *TCP extensions for long-delay paths* V. Jacobson, R.T. Braden
- RFC 1073** *Telnet window size option* D. Waitzman
- RFC 1079** *Telnet terminal speed option* C. Hedrick
- RFC 1085** *ISO presentation services on top of TCP/IP based internets* M.T. Rose
- RFC 1091** *Telnet terminal-type option* J. VanBokkelen
- RFC 1094** *NFS: Network File System Protocol specification* Sun Microsystems
- RFC 1096** *Telnet X display location option* G. Marcy
- RFC 1101** *DNS encoding of network names and other types* P. Mockapetris
- RFC 1112** *Host extensions for IP multicasting* S.E. Deering
- RFC 1113** *Privacy enhancement for Internet electronic mail: Part I — message encipherment and authentication procedures* J. Linn
- RFC 1118** *Hitchhikers Guide to the Internet* E. Krol
- RFC 1122** *Requirements for Internet Hosts—Communication Layers* R. Braden, Ed.
- RFC 1123** *Requirements for Internet Hosts—Application and Support* R. Braden, Ed.
- RFC 1146** *TCP alternate checksum options* J. Zweig, C. Partridge
- RFC 1155** *Structure and identification of management information for TCP/IP-based internets* M. Rose, K. McCloghrie
- RFC 1156** *Management Information Base for network management of TCP/IP-based internets* K. McCloghrie, M. Rose
- RFC 1157** *Simple Network Management Protocol (SNMP)* J. Case, M. Fedor, M. Schoffstall, J. Davin
- RFC 1158** *Management Information Base for network management of TCP/IP-based internets: MIB-II* M. Rose
- RFC 1166** *Internet numbers* S. Kirkpatrick, M.K. Stahl, M. Recker
- RFC 1179** *Line printer daemon protocol* L. McLaughlin
- RFC 1180** *TCP/IP tutorial* T. Socolofsky, C. Kale

- RFC 1183** *New DNS RR Definitions* C.F. Everhart, L.A. Mamakos, R. Ullmann, P.V. Mockapetris
- RFC 1184** *Telnet Linemode Option* D. Borman
- RFC 1186** *MD4 Message Digest Algorithm* R.L. Rivest
- RFC 1187** *Bulk Table Retrieval with the SNMP* M. Rose, K. McCloghrie, J. Davin
- RFC 1188** *Proposed Standard for the Transmission of IP Datagrams over FDDI Networks* D. Katz
- RFC 1190** *Experimental Internet Stream Protocol: Version 2 (ST-II)* C. Topolcic
- RFC 1191** *Path MTU discovery* J. Mogul, S. Deering
- RFC 1198** *FYI on the X window system* R. Scheifler
- RFC 1207** *FYI on Questions and Answers: Answers to commonly asked "experienced Internet user" questions* G. Malkin, A. Marine, J. Reynolds
- RFC 1208** *Glossary of networking terms* O. Jacobsen, D. Lynch
- RFC 1213** *Management Information Base for Network Management of TCP/IP-based internets: MIB-II* K. McCloghrie, M.T. Rose
- RFC 1215** *Convention for defining traps for use with the SNMP* M. Rose
- RFC 1227** *SNMP MUX protocol and MIB* M.T. Rose
- RFC 1228** *SNMP-DPI: Simple Network Management Protocol Distributed Program Interface* G. Carpenter, B. Wijnen
- RFC 1229** *Extensions to the generic-interface MIB* K. McCloghrie
- RFC 1230** *IEEE 802.4 Token Bus MIB* K. McCloghrie, R. Fox
- RFC 1231** *IEEE 802.5 Token Ring MIB* K. McCloghrie, R. Fox, E. Decker
- RFC 1236** *IP to X.121 address mapping for DDN* L. Morales, P. Hasse
- RFC 1256** *ICMP Router Discovery Messages* S. Deering, Ed.
- RFC 1267** *Border Gateway Protocol 3 (BGP-3)* K. Lougheed, Y. Rekhter
- RFC 1268** *Application of the Border Gateway Protocol in the Internet* Y. Rekhter, P. Gross
- RFC 1269** *Definitions of Managed Objects for the Border Gateway Protocol: Version 3* S. Willis, J. Burruss
- RFC 1270** *SNMP Communications Services* F. Kastenholtz, ed.
- RFC 1285** *FDDI Management Information Base* J. Case
- RFC 1315** *Management Information Base for Frame Relay DTEs* C. Brown, F. Baker, C. Carvalho
- RFC 1321** *The MD5 Message-Digest Algorithm* R. Rivest
- RFC 1323** *TCP Extensions for High Performance* V. Jacobson, R. Braden, D. Borman
- RFC 1325** *FYI on Questions and Answers: Answers to Commonly Asked "New Internet User" Questions* G. Malkin, A. Marine
- RFC 1327** *Mapping between X.400 (1988)/ISO 10021 and RFC 822* S. Hardcastle-Kille

- RFC 1340**      *Assigned Numbers* J. Reynolds, J. Postel
- RFC 1344**      *Implications of MIME for Internet Mail Gateways* N. Bornstein
- RFC 1349**      *Type of Service in the Internet Protocol Suite* P. Almquist
- RFC 1350**      *The TFTP Protocol (Revision 2)* K.R. Sollins
- RFC 1351**      *SNMP Administrative Model* J. Davin, J. Galvin, K. McCloghrie
- RFC 1352**      *SNMP Security Protocols* J. Galvin, K. McCloghrie, J. Davin
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- RFC 1354**      *IP Forwarding Table MIB* F. Baker
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- RFC 1374**      *IP and ARP on HIPPI* J. Renwick, A. Nicholson
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- RFC 1387**      *RIP Version 2 Protocol Analysis* G. Malkin
- RFC 1388**      *RIP Version 2 Carrying Additional Information* G. Malkin
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## Internet drafts

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Several areas of IPv6 implementation include elements of the following Internet drafts and are subject to change during the RFC review process.

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*IP Authentication Header* S. Kent

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*Security Architecture for the Internet Protocol* S. Kent, K. Seo

#### **draft-ietf-ospf-ospfv3-auth-07**

*Authentication/Confidentiality for OSPFv3* M. Gupta, N. Melam



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## Appendix C. Information APARs and technotes

This appendix lists information APARs for IP and SNA documents.

**Note:**

1. Information APARs contain updates to previous editions of the documents listed in Table 1 and Table 2 on page 584. Documents updated for V1R9 are complete except for the updates contained in the information APARs that might be issued after V1R9 documents went to press.
2. Information APARs are predefined for z/OS V1R9 Communications Server and might not contain updates.
3. Information APARs for z/OS documents are in the document called *z/OS and z/OS.e DOC APAR and PTF ++HOLD Documentation*, which can be found at [http://publibz.boulder.ibm.com/cgi-bin/bookmgr\\_OS390/BOOKS/ZIDOCMST/CCONTENTS](http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/ZIDOCMST/CCONTENTS).

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### Information APARs for IP documents

Table 1 lists information APARs for V1R6 IP documents. For releases V1R7 and later, updates are available as technotes, which can be found at <http://www.ibm.com/support/docview.wss?uid=swg21178966>.

*Table 1. IP information APARs for z/OS Communications Server*

Title	Information APAR for V1R6
New Function Summary (both IP and SNA)	II13824
Quick Reference (both IP and SNA)	II13831
IP and SNA Codes	II13842
IP Sockets API Guide	II13844
IP Configuration Guide	II13826
IP Configuration Reference	II13827
IP Diagnosis	II13836
IP Messages Volume 1	II13838
IP Messages Volume 2	II13839
IP Messages Volume 3	II13840
IP Messages Volume 4	II13841
IPv6 Network and Application Design Guide	II13825
IP Programmer's Guide and Reference	II13843
IP User's Guide and Commands	II13832
IP System Administrator's Commands	II13833

## Information APARs for SNA documents

Table 2 lists information APARs for V1R6 SNA documents. For releases V1R7 and later, updates are available as technotes, which can be found at <http://www.ibm.com/support/docview.wss?uid=swg21178966>.

Table 2. SNA information APARs for z/OS Communications Server

Title	Information APAR for V1R6
New Function Summary (both IP and SNA)	II13824
Quick Reference (both IP and SNA)	II13831
IP and SNA Codes	II13842
SNA Customization	II13857
SNA Diagnosis, Vol. 1: Techniques and Procedures	II13852
SNA Diagnosis, Vol. 2: FFST Dumps and the VIT	II13853
SNA Messages	II13854
SNA Network Implementation Guide	II13849
SNA Operation	II13851
SNA Programming	II13858
SNA Resource Definition Reference	II13850
SNA Data Areas Volume 1	II13855
SNA Data Areas Volume 2	II13856

## Other information APARs

Table 3 lists information APARs not related to documents.

Table 3. Non-document information APARs

Content	Number
Index to APARs that list recommended VTAM maintenance	II11220
Index to APARs that list trace and dump requests for VTAM problems	II13202
Index of Communication Server IP information APARs	II12028
Collecting TCPIP CTRACES	II12014
CSM for VTAM	II13442
CSM for TCP/IP	II13951
DLUR/DLUS	II12986, II13456, and II13783
Documentation required for FTP server problems	II12925
Documentation required for OSA/2, OSA Express and OSA QDIO	II13016
DNS — common problems and solutions	II13453
Enterprise Extender	II12223
FTP client and FTP server TLS support	II13516
FTP problems	II12079
FTPing doc to z/OS Ssupport	II12030
Generic resources	II10986
HPR	II10953

Table 3. Non-document information APARs (continued)

Content	Number
iQDIO	II13142
LPR problems	II12022
MNPS	II10370
MPC and CTC	II01501
NCPROUTE problems	II12025
OMPROUTE	II12026
PASCAL API	II11814
Performance	II11710 II11711 II11712
Resolver	II13398 II13399 II13452
Socket API	II11996 II12020
SMTP problems	II12023
SNMP	II13477 II13478
SYSLOGD howto	II12021
TCPIP connection states	II12449
TN3270E Telnet server   	II11574 II13135
TN3270E Telnet server SSL common problems	II13369



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## Appendix D. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- Use assistive technologies such as screen readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size

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### Using assistive technologies

Assistive technology products, such as screen readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using such products to access z/OS interfaces.

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### Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to *z/OS TSO/E Primer*, *z/OS TSO/E User's Guide*, and *z/OS ISPF User's Guide Vol I* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

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### z/OS information

z/OS information is accessible using screen readers with the BookServer/Library Server versions of z/OS books in the Internet library at:

[www.ibm.com/servers/eserver/zseries/zos/bkserv/](http://www.ibm.com/servers/eserver/zseries/zos/bkserv/)



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## Bibliography

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### z/OS Communications Server information

This section contains descriptions of the documents in the z/OS Communications Server library.

z/OS Communications Server documentation is available:

- Online at the z/OS Internet Library web page at <http://www.ibm.com/servers/eserver/zseries/zos/bkserv>
- In softcopy on CD-ROM collections. See “Softcopy information” on page viii.

### z/OS Communications Server library

z/OS Communications Server documents are available on the CD-ROM accompanying z/OS (SK3T-4269 or SK3T-4307). Unlicensed documents can be viewed at the z/OS Internet library site.

Updates to documents are available on RETAIN<sup>®</sup> and in information APARs (info APARs). See Appendix C, “Information APARs and technotes,” on page 583 for a list of the documents and the info APARs associated with them.

Info APARs for z/OS documents are in the document called *z/OS and z/OS.e DOC APAR and PTF ++HOLD Documentation* which can be found at [http://publibz.boulder.ibm.com/cgi-bin/bookmgr\\_OS390/BOOKS/ZIDOCMST/CCONTENTS](http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/ZIDOCMST/CCONTENTS).

### Planning

Title	Number	Description
<i>z/OS Communications Server: New Function Summary</i>	GC31-8771	This document is intended to help you plan for new IP for SNA function, whether you are migrating from a previous version or installing z/OS for the first time. It summarizes what is new in the release and identifies the suggested and required modifications needed to use the enhanced functions.
<i>z/OS Communications Server: IPv6 Network and Application Design Guide</i>	SC31-8885	This document is a high-level introduction to IPv6. It describes concepts of z/OS Communications Server's support of IPv6, coexistence with IPv4, and migration issues.

### Resource definition, configuration, and tuning

Title	Number	Description
<i>z/OS Communications Server: IP Configuration Guide</i>	SC31-8775	This document describes the major concepts involved in understanding and configuring an IP network. Familiarity with the z/OS operating system, IP protocols, z/OS UNIX System Services, and IBM Time Sharing Option (TSO) is recommended. Use this document in conjunction with the <i>z/OS Communications Server: IP Configuration Reference</i> .

<b>Title</b>	<b>Number</b>	<b>Description</b>
<i>z/OS Communications Server: IP Configuration Reference</i>	SC31-8776	This document presents information for people who want to administer and maintain IP. Use this document in conjunction with the <i>z/OS Communications Server: IP Configuration Guide</i> . The information in this document includes: <ul style="list-style-type: none"> <li>• TCP/IP configuration data sets</li> <li>• Configuration statements</li> <li>• Translation tables</li> <li>• SMF records</li> <li>• Protocol number and port assignments</li> </ul>
<i>z/OS Communications Server: SNA Network Implementation Guide</i>	SC31-8777	This document presents the major concepts involved in implementing an SNA network. Use this document in conjunction with the <i>z/OS Communications Server: SNA Resource Definition Reference</i> .
<i>z/OS Communications Server: SNA Resource Definition Reference</i>	SC31-8778	This document describes each SNA definition statement, start option, and macroinstruction for user tables. It also describes NCP definition statements that affect SNA. Use this document in conjunction with the <i>z/OS Communications Server: SNA Network Implementation Guide</i> .
<i>z/OS Communications Server: SNA Resource Definition Samples</i>	SC31-8836	This document contains sample definitions to help you implement SNA functions in your networks, and includes sample major node definitions.
<i>z/OS Communications Server: IP Network Print Facility</i>	SC31-8833	This document is for system programmers and network administrators who need to prepare their network to route SNA, JES2, or JES3 printer output to remote printers using TCP/IP Services.

## Operation

<b>Title</b>	<b>Number</b>	<b>Description</b>
<i>z/OS Communications Server: IP User's Guide and Commands</i>	SC31-8780	This document describes how to use TCP/IP applications. It contains requests that allow a user to log on to a remote host using Telnet, transfer data sets using FTP, send and receive electronic mail, print on remote printers, and authenticate network users.
<i>z/OS Communications Server: IP System Administrator's Commands</i>	SC31-8781	This document describes the functions and commands helpful in configuring or monitoring your system. It contains system administrator's commands, such as TSO NETSTAT, PING, TRACERTE and their UNIX counterparts. It also includes TSO and MVS commands commonly used during the IP configuration process.
<i>z/OS Communications Server: SNA Operation</i>	SC31-8779	This document serves as a reference for programmers and operators requiring detailed information about specific operator commands.
<i>z/OS Communications Server: Quick Reference</i>	SX75-0124	This document contains essential information about SNA and IP commands.

## Customization

Title	Number	Description
<i>z/OS Communications Server: SNA Customization</i>	SC31-6854	This document enables you to customize SNA, and includes the following: <ul style="list-style-type: none"> <li>• Communication network management (CNM) routing table</li> <li>• Logon-interpret routine requirements</li> <li>• Logon manager installation-wide exit routine for the CLU search exit</li> <li>• TSO/SNA installation-wide exit routines</li> <li>• SNA installation-wide exit routines</li> </ul>

## Writing application programs

Title	Number	Description
<i>z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference</i>	SC31-8788	This document describes the syntax and semantics of program source code necessary to write your own application programming interface (API) into TCP/IP. You can use this interface as the communication base for writing your own client or server application. You can also use this document to adapt your existing applications to communicate with each other using sockets over TCP/IP.
<i>z/OS Communications Server: IP CICS Sockets Guide</i>	SC31-8807	This document is for programmers who want to set up, write application programs for, and diagnose problems with the socket interface for CICS using z/OS TCP/IP.
<i>z/OS Communications Server: IP IMS Sockets Guide</i>	SC31-8830	This document is for programmers who want application programs that use the IMS TCP/IP application development services provided by IBM's TCP/IP Services.
<i>z/OS Communications Server: IP Programmer's Guide and Reference</i>	SC31-8787	This document describes the syntax and semantics of a set of high-level application functions that you can use to program your own applications in a TCP/IP environment. These functions provide support for application facilities, such as user authentication, distributed databases, distributed processing, network management, and device sharing. Familiarity with the z/OS operating system, TCP/IP protocols, and IBM Time Sharing Option (TSO) is recommended.
<i>z/OS Communications Server: SNA Programming</i>	SC31-8829	This document describes how to use SNA macroinstructions to send data to and receive data from (1) a terminal in either the same or a different domain, or (2) another application program in either the same or a different domain.
<i>z/OS Communications Server: SNA Programmer's LU 6.2 Guide</i>	SC31-8811	This document describes how to use the SNA LU 6.2 application programming interface for host application programs. This document applies to programs that use only LU 6.2 sessions or that use LU 6.2 sessions along with other session types. (Only LU 6.2 sessions are covered in this document.)
<i>z/OS Communications Server: SNA Programmer's LU 6.2 Reference</i>	SC31-8810	This document provides reference material for the SNA LU 6.2 programming interface for host application programs.
<i>z/OS Communications Server: CSM Guide</i>	SC31-8808	This document describes how applications use the communications storage manager.

Title	Number	Description
<i>z/OS Communications Server: CMIP Services and Topology Agent Guide</i>	SC31-8828	This document describes the Common Management Information Protocol (CMIP) programming interface for application programmers to use in coding CMIP application programs. The document provides guide and reference information about CMIP services and the SNA topology agent.

## Diagnosis

Title	Number	Description
<i>z/OS Communications Server: IP Diagnosis Guide</i>	GC31-8782	This document explains how to diagnose TCP/IP problems and how to determine whether a specific problem is in the TCP/IP product code. It explains how to gather information for and describe problems to the IBM Software Support Center.
<i>z/OS Communications Server: SNA Diagnosis Vol 1, Techniques and Procedures</i> and <i>z/OS Communications Server: SNA Diagnosis Vol 2, FFST Dumps and the VIT</i>	GC31-6850 GC31-6851	These documents help you identify an SNA problem, classify it, and collect information about it before you call the IBM Support Center. The information collected includes traces, dumps, and other problem documentation.
<i>z/OS Communications Server: SNA Data Areas Volume 1</i> and <i>z/OS Communications Server: SNA Data Areas Volume 2</i>	GC31-6852 GC31-6853	These documents describe SNA data areas and can be used to read an SNA dump. They are intended for IBM programming service representatives and customer personnel who are diagnosing problems with SNA.

## Messages and codes

Title	Number	Description
<i>z/OS Communications Server: SNA Messages</i>	SC31-8790	This document describes the ELM, IKT, IST, IUT, IVT, and USS messages. Other information in this document includes: <ul style="list-style-type: none"> <li>• Command and RU types in SNA messages</li> <li>• Node and ID types in SNA messages</li> <li>• Supplemental message-related information</li> </ul>
<i>z/OS Communications Server: IP Messages Volume 1 (EZA)</i>	SC31-8783	This volume contains TCP/IP messages beginning with EZA.
<i>z/OS Communications Server: IP Messages Volume 2 (EZB, EZD)</i>	SC31-8784	This volume contains TCP/IP messages beginning with EZB or EZD.
<i>z/OS Communications Server: IP Messages Volume 3 (EZY)</i>	SC31-8785	This volume contains TCP/IP messages beginning with EZY.
<i>z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM)</i>	SC31-8786	This volume contains TCP/IP messages beginning with EZZ and SNM.
<i>z/OS Communications Server: IP and SNA Codes</i>	SC31-8791	This document describes codes and other information that appear in z/OS Communications Server messages.

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Program Number: 5694-A01

Printed in USA

SC31-8785-07





Spine information:



z/OS Communications Server

z/OS V1R9.0 Comm Svr: IP Messages Volume 3 (EZY)

Version 1

Release 9