Skip the links

Useful Links:

- Support
- Store
- Download

Goto bug # Go

Main Site Links:

- Home
- Enterprise Linux
- Training
- Red Hat Network
- Open Source Now
- Fedora
- Bugzilla

- Worldwide

Logged In mal@gromco.com | My Front Page | Log Out

Links for this section:

- Home
- New
- Show
- Query
- Reports
- Account
- Help

Bugzilla Bug 145426 – cups leaves a 0 length tmp file for every job printed

Clone as Bug | Bug Activity | Format for Printing

Alias		Priority	normal
Product	Fedora Core	Severity	normal
Version	fc3	Status	NEEDINFO
Component	ghostscript	Resolution	
OS	Linux	Add CC	
Hardware	All	CC	
Reporter	Need Real Name (mal@gromco.com)		
Assigned To	Tim Waugh (twaugh@redhat.com)		

Save Changes

Bug Comments

Opened by Need Real Name (mal@gromco.com)on 2005-01-18 05:13 EST[reply]

```
cups leaves a 0 size file in
/var/spool/cups/tmp/
this happens since at least cups 1.14


~]# ls -lstrAF /var/spool/cups/tmp/|head -22
total 2784
4 -rw-------  1 lp sys 0 Jan  5 18:01 gs_Os5qDi
4 -rw-------  1 lp sys 0 Jan  5 18:01 gs_7Zfimi
4 -rw-------  1 lp sys 0 Jan  5 18:14 gs_ZOOEAx
4 -rw-------  1 lp sys 0 Jan  5 18:14 gs_of989O
4 -rw-------  1 lp sys 0 Jan  5 18:34 gs_sMpwLA
4 -rw-------  1 lp sys 0 Jan  5 18:34 gs_5PONTK
4 -rw-------  1 lp sys 0 Jan  5 19:08 gs_6Z9MCH
4 -rw-------  1 lp sys 0 Jan  5 19:08 gs_3HzOVE
4 -rw-------  1 lp sys 0 Jan  5 22:09 gs_Un0nyR
4 -rw-------  1 lp sys 0 Jan  5 22:09 gs_e9nH7v
4 -rw-------  1 lp sys 0 Jan  5 22:09 gs_DyeNgx
4 -rw-------  1 lp sys 0 Jan  5 22:09 gs_3yzZPb
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_vyTcSK
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_vkOB6f
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_upWXVW
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_U37O2O
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_RwH78C
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_PxXNLn
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_p2B3Yn
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_MVFXkz
4 -rw-------  1 lp sys 0 Jan  5 22:14 gs_mGYDKj
... and 3000 other 0 length files
```

Comment #1 From Tim Waugh (twaugh@redhat.com) on 2005-01-18 05:50 EST[reply]

```
I don't see this here.  Please show me the output of these commands (as root):

rpm -q cups
rpm -V cups
```

Comment #2 From Need Real Name (mal@gromco.com) on 2005-01-18 05:55 EST[reply]

```
I have regular cups with no changes connected to HP 1300 PCL.
Same problem exists since at least RedHat 7


[root@localhost ~]# rpm -q cups
cups-1.1.22-0.rc1.8.3
[root@localhost ~]# rpm -V cups
.M.......   /etc/cups
S.5....T. c /etc/cups/cupsd.conf
S.5....TC c /etc/cups/printers.conf
.M.......   /var/spool/cups/tmp
[root@localhost ~]#
```

Comment #3 From Need Real Name (mal@gromco.com) on 2005-01-18 05:58 EST[reply]

```
cat /etc/cups/printers.conf
# Printer configuration file for CUPS v1.1.22rc1
# Written by cupsd on Wed 05 Jan 2005 06:00:44 PM EST
<DefaultPrinter pp>
Info HP 1200
Location 118
DeviceURI parallel:/dev/lp0
State Idle
Accepting Yes
JobSheets none none
QuotaPeriod 0
```

```
PageLimit 0
KLimit 0
</Printer>



# head -22 /etc/cups/ppd/pp.ppd
*PPD-Adobe: "4.3"
*%PPD file for CUPS/Gimp-Print.
*%Copyright 1993-2001 by Easy Software Products, All Rights Reserved.
*%This PPD file may be freely used and distributed under the terms of
*%the GNU GPL.
*FormatVersion: "4.3"
*FileVersion:   "4.2.7"
*LanguageVersion: English
*LanguageEncoding: ISOLatin1
*PCFileName:    "STP00228.PPD"
*Manufacturer:  "HP"
*Product:       "(AFPL Ghostscript)"
*Product:       "(GNU Ghostscript)"
*Product:       "(ESP Ghostscript)"
*ModelName:     "HP LaserJet 5 series"
*ShortNickName: "HP LaserJet 5 series"
*NickName:      "HP LaserJet 5 series - CUPS+Gimp-Print v4.2.7"
*PSVersion:     "(2017.000) 550"
*LanguageLevel: "2"
*ColorDevice:   False
*DefaultColorSpace:     Gray
*FileSystem:    False
```

Comment #4 From Need Real Name (mal@gromco.com) on 2005-01-18 06:25 EST[reply]

Created an attachment (id=109919) [edit]

```
cups log

cups printing log.
Two files in /var/spool/cups/tmp/ were created

4 -rw-------  1 lp sys 0 Jan 18 06:17 gs_tPmPtM
4 -rw-------  1 lp sys 0 Jan 18 06:17 gs_oJzssn
```

Comment #5 From Tim Waugh (twaugh@redhat.com) on 2005-01-18 06:30 EST[reply]

```
This is interesting:

.M.......   /var/spool/cups/tmp

It means that the file mode is different now compared to when it was installed.
 Well, what does this say?:

ls -ld /var/spool/cups/tmp

It should say this:

drwxrwx--T  2 root sys 4096 Jan 17 15:13 /var/spool/cups/tmp

If not then that's why.

(By the way, CUPS first shipped with Red Hat Linux 9.)
```

Comment #6 From Need Real Name (mal@gromco.com) on 2005-01-18 06:36 EST[reply]

```
[root@localhost ~]# ls -ld /var/spool/cups/tmp
drwxrwx--T  2 root sys 16384 Jan 18 06:17 /var/spool/cups/tmp

may be something is wrong with selinux attributes
[root@localhost ~]# ls -ldZ /var/spool/cups/tmp
drwxrwx--T  root     sys      system_u:object_r:var_spool_t    /var/spool/cups/tmp

>(By the way, CUPS first shipped with Red Hat Linux 9.)
yes, but back then
```

```
up2date -u
replaced my LPRnG by cups, which screw printing.
I left cups since then.
I think it was a mismanagement of up2date repositories.
```

Comment [#7]() From Tim Waugh ([twaugh@redhat.com]()) on 2005-01-18 06:41 EST[[reply]()]

```
Run this command:

restorecon -v /var/spool/cups/tmp

(SELinux certainly didn't ship with Red Hat Linux 7!)
```

Comment [#8]() From Need Real Name ([mal@gromco.com]()) on 2005-01-18 14:32 EST[[reply]()]

```
Same thing:

[root@localhost ~]# restorecon -v /var/spool/cups/tmp
[root@localhost ~]# rpm -V cups
.M.......   /etc/cups
S.5....T. c /etc/cups/cupsd.conf
S.5....TC c /etc/cups/printers.conf
.M.......   /var/spool/cups/tmp

ls -ldZ /usr/lib/cups/filter/pstops /usr/lib/cups/filter/pstoraster
/usr/lib/cups/filter/rastertoprinter /usr/lib/cups/backend/parallel /usr/bin/gs
-rwxr-xr-x  root     root     system_u:object_r:bin_t          /usr/bin/gs
-rwxr-xr-x  root     root     system_u:object_r:lib_t
/usr/lib/cups/backend/parallel
-rwxr-xr-x  root     root     system_u:object_r:lib_t
/usr/lib/cups/filter/pstops
-rwxr-xr-x  root     root     system_u:object_r:lib_t
/usr/lib/cups/filter/pstoraster
-rwxr-xr-x  root     root     system_u:object_r:lib_t
/usr/lib/cups/filter/rastertoprinter
```

Comment [#9]() From Need Real Name ([mal@gromco.com]()) on 2005-01-18 14:34 EST[[reply]()]

```
[root@localhost ~]# restorecon -v /var/spool/cups/tmp
[root@localhost ~]# ls -ldZ  /var/spool/cups/tmp
drwxrwx--T  root     sys      system_u:object_r:var_spool_t    /var/spool/cups/tmp
```

Comment [#10]() From Need Real Name ([mal@gromco.com]()) on 2005-01-18 14:41 EST[[reply]()]

```
may be it is somehow related to gimp-print.
I am using

HP LaserJet 5 series - CUPS+Gimp-Print v4.2.7

for printing. (needs gimp-print-cups-4.2.7-2 )
```

Comment [#11]() From Need Real Name ([mal@gromco.com]()) on 2005-01-18 15:12 EST[[reply]()]

```
I modified pstoraster to check what gs does  (see below)
The files left in /var/spool/cups/tmp/ are
4 -rw-------  1 lp sys 0 Jan 18 15:01 gs_LJrtg6
4 -rw-------  1 lp sys 0 Jan 18 15:01 gs_HroCXW


Because now I have gs's strace stderr in /tmp/serr
relevant tmp files can be obtained as
grep /var/spool/cups/tmp /tmp/serr

TMPDIR=/var/spool/cups/tmp
open("/var/spool/cups/tmp/gs_LJrtg6", O_RDWR|O_CREAT|O_EXCL, 0600) = 6
open("/var/spool/cups/tmp/gs_HroCXW", O_RDWR|O_CREAT|O_EXCL, 0600) = 7
open("/var/spool/cups/tmp/gs_fxxZEN", O_RDWR|O_CREAT|O_EXCL, 0600) = 8
open("/var/spool/cups/tmp/gs_pGdqmE", O_RDWR|O_CREAT|O_EXCL, 0600) = 9
```

```
open("/var/spool/cups/tmp/gs_fxxZEN", O_WRONLY|O_CREAT|O_TRUNC, 0666) = 8
open("/var/spool/cups/tmp/gs_fxxZEN", O_RDWR|O_CREAT|O_TRUNC, 0666) = 8
open("/var/spool/cups/tmp/gs_pGdqmE", O_WRONLY|O_CREAT|O_TRUNC, 0666) = 9
open("/var/spool/cups/tmp/gs_pGdqmE", O_RDWR|O_CREAT|O_TRUNC, 0666) = 9
open("/var/spool/cups/tmp/gs_fxxZEN", O_WRONLY|O_CREAT|O_TRUNC, 0666) = 8
open("/var/spool/cups/tmp/gs_fxxZEN", O_RDWR|O_CREAT|O_TRUNC, 0666) = 8
open("/var/spool/cups/tmp/gs_pGdqmE", O_WRONLY|O_CREAT|O_TRUNC, 0666) = 9
open("/var/spool/cups/tmp/gs_pGdqmE", O_RDWR|O_CREAT|O_TRUNC, 0666) = 9
unlink("/var/spool/cups/tmp/gs_fxxZEN") = 0
unlink("/var/spool/cups/tmp/gs_pGdqmE") = 0

It is easy to see that
/var/spool/cups/tmp/gs_LJrtg6
/var/spool/cups/tmp/gs_HroCXW
were created, but there is no unlink on them.
Looks like a bug in gs.
Looks pretty much like that very bug from RedHat 7.


P.S. what I modified
diff pstoraster.SAVE1 pstoraster
55,56c55,60
< $bindir/gs $gsopts -sOUTPUTFILE="%stdout" $profile $ifile
<
---
> {
> set -x
> set
> strace $bindir/gs $gsopts -sOUTPUTFILE="/tmp/jj.ps" $profile $ifile
> }>/tmp/serr 2>&1
> exit

---------- stderr beginning
head -70 /tmp/serr
+ set
BASH=/bin/sh
BASH_ARGC=([0]="5")
BASH_ARGV=([0]="" [1]="1" [2]="(stdin)" [3]="mal" [4]="213")
BASH_LINENO=([0]="0")
BASH_SOURCE=([0]="/usr/lib/cups/filter/pstoraster")
BASH_VERSINFO=([0]="3" [1]="00" [2]="14" [3]="1" [4]="release"
[5]="i386-redhat-linux-gnu")
BASH_VERSION='3.00.14(1)-release'
CHARSET=utf-8
CONTENT_TYPE=application/postscript
CUPS_DATADIR=/usr/share/cups
CUPS_FONTPATH=/usr/share/cups/fonts
CUPS_SERVER=localhost
CUPS_SERVERROOT=/etc/cups
DEVICE_URI=parallel:/dev/lp0
DIRSTACK=()
EUID=4
GROUPS=()
GS_FONTPATH=/usr/share/cups/fonts
HOSTNAME=localhost.localdomain
HOSTTYPE=i386
IFS='
'
IPP_PORT=631
LANG=en_US
MACHTYPE=i386-redhat-linux-gnu
OPTERR=1
OPTIND=1
OSTYPE=linux-gnu
PATH=/usr/lib/cups/filter:/bin:/usr/bin
PIPESTATUS=([0]="0")
POSIXLY_CORRECT=y
PPD=/etc/cups/ppd/pp.ppd
PPID=11271
PRINTER=pp
PS4='+ '
PWD=/
RIP_MAX_CACHE=8m
SHELL=/sbin/nologin
SHELLOPTS=braceexpand:hashall:interactive-comments:posix:xtrace
SHLVL=1
SOFTWARE=CUPS/1.1
TERM=dumb
TMPDIR=/var/spool/cups/tmp
```

```
UID=4
USER=root
_=-x
bindir=/usr/bin
exec_prefix=/usr
gsopts='-dQUIET -dDEBUG -dPARANOIDSAFER -dNOPAUSE -dBATCH  -dNOMEDIAATTRS
-sDEVICE=cups -sstdout=%stderr'
ifile=-
prefix=/usr
profile=
+ strace /usr/bin/gs -dQUIET -dDEBUG -dPARANOIDSAFER -dNOPAUSE -dBATCH
-dNOMEDIAATTRS -sDEVICE=cups -sstdout=%stderr -sOUTPUTFILE=/tmp/jj.ps -
execve("/usr/bin/gs", ["/usr/bin/gs", "-dQUIET", "-dDEBUG", "-dPARANOIDSAFER",
"-dNOPAUSE", "-dBATCH", "-dNOMEDIAATTRS", "-sDEVICE=cups", "-sstdout=%stderr",
"-sOUTPUTFILE=/tmp/jj.ps", "-"], [/* 20 vars */]) = 0
uname({sys="Linux", node="localhost.localdomain", ...}) = 0
brk(0)                                  = 0x9cf3000
access("/etc/ld.so.preload", R_OK)      = -1 ENOENT (No such file or directory)
```

Comment #12 From Tim Waugh (twaugh@redhat.com) on 2005-01-20 07:54 EST[reply]

```
What file did you print?
```

Additional Comments:

Save Changes

Additional Bug Information

Summary	cups leaves a 0 length tmp file for every job printed
QA Contact	
URL	
Status Whiteboard	
Keywords	
Fixed In	

Bug 145426 depends on Show dependency tree

Bug 145426 blocks

Attachment	Status	Type	Created	Size	Actions
cups log	Valid	text/plain	2005-01-18 06:25 EST	9.05 MB	Edit

Create a New Attachment (proposed patch, testcase, etc.) View All

External Bugzilla References

Server ID Status Summary Remove

Add Reference: Location -- Do not add -- Bug ID

Bug Status Change

- Leave as **NEEDINFO**
- Change status to
- Resolve bug, changing resolution to NOTABUG
  Fixed in version (optional)
- Resolve bug, mark it as duplicate of bug # (Show Fedora Core/ghostscript bugs)

Bug Reassignment

- Leave assigned to **twaugh@redhat.com**
- Reassign bug to twaugh@redhat.com
- Reassign bug to owner and QA contact of selected component

Save Changes

Clone as Bug | Bug Activity | Format for Printing

Preset Queries My Bugs

Bugzilla Version 2.18rc3 : Copyright © 2004 Red Hat, Inc. All rights reserved.
Privacy Policy : Terms of Use : Patent promise : Company : Contact