

CERES SCF STATUS

<i>Description</i>	<i>April 11, 2001 Status</i>	<i>Problems</i>
IRIX slocal server	The user whose system serves as the IRIX slocal server is being relocated, so we are currently configuring another IRIX system to act as the slocal server for the onsite SGIs. License transfers are in progress, and a suitable machine has been located and is being set up now. We are presently waiting on the license transfer from SGI.	
Thunder & Lightning	Blizzard has been upgraded to 6.5.11m, and is currently in use as a testbed for code compilation and OS issues, in order to better prepare for the Thunder and Lightning swapout. No problems have been reported to date. As expected, the Thunder and Lightning swapout depends on 3 items: receipt of the additional bricks ordered, upgrade of the AC unit in the server room, and additional power considerations that will be necessary for the new units.	
Toolkit	The toolkit was recompiled on blizzard after the latest OS and compiler upgrade.	
Xvnc	A software package called Xvnc is currently being tested by several users and by the admin team. This package provides some strong performance gains for X-windows displays that are sent back to home systems, and moderate gains for handling X-windows traffic between onsite and offsite facilities. The package required heavy debugging.	
Security	The SGI and SUN packages for OpenSSH 2.5.1p1 have been built and are ready for installation on all UNIX supported platforms. They have been configured for ssh version 2 RSH protocol only. Local copies of SSH2 have been installed on most onsite Suns. By the end of the month, all CERES Suns and SGIs will have copies of SSH2 ready for use.	
Clouds or SSF Tiger Team	Sar data was collected and analyzed on lightning to create a baseline. No bottlenecks were identified on lightning. Sar data was also collected on samantha with no bottlenecks identified.	
On site network problems	No update as to when the permanent FDDI version 5.0 card for asdsun will be received. Asdsun FDDI interface was upgraded with a loaner FDDI version 5.0 card two. No FDDI network problems have occurred with asdsun since the upgrade, although yin is now causing similar FDDI ring troubles. After further monitoring, permanent upgrading of the FDDI interfaces on all of the applicable systems will be pursued via our maintenance vendor, GMR.	
Firewall Issues	Network support has advised that additional firewall changes are in progress, including cutting off SSH access, X-windows traffic and non-standard web access. A new list of systems that need exception to the firewall has been compiled and provided to Geoff Tennille.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Blizzard	Thunder	Lightning	Darrin	Samantha
<i>Operating System:</i>	Solaris 2.6	IRIX64 6.5.11m	IRIX64 6.5.7m	IRIX64 6.5.7m	IRIX64 6.5.7m	IRIX64 6.5.7m (6/22/2000)
<i>Fortran compilers</i>	SUNWspro 4.	7.3.1.2m	7.3.1.1m	7.3.1.1m	7.3.1.1m	7.3.1.1m (6/22/2000)
<i>Toolkit</i>	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1
<i>Ada</i>	N/A	1.3	1.3	1.3	1.3	1.3 (6/22/2000)
<i>IDL</i>	5.1.1	5.1.1	5.1.1	5.1.1	5.1.1	5.2
<i>NAG fortran 95</i>	1.0(428)	1.0(428)	1.0(428)	1.0(428)	1.0(428)	1.0(428)
<i>HDF</i>	4.1.r3	4.1.r3	4.1.r3	4.1.r3	4.1.r3	4.1.r3
<i>Proposed upgrades:</i>	None	None	None	None	None	None
<i>Problems:</i>	None	None	None	None	None	None

