

## CERES SCF STATUS

<i>Description</i>	<i>December 18, 2002 Status</i>	<i>Problems</i>
<b>1250 Network Upgrade</b>	<p>No new updates.</p> <p>Prior Info: We are still working with Network Support to find a solution to the loss of connectivity between the old and the new networks in Building 1250. Recently there appears to be a decrease in the number of occurrences.</p> <p>This upgrade will not include any of the buildings included in the first phase of the rehab. The rehab will incorporate the second phase of the CAT 5 upgrade.</p>	
<b><i>Thunder &amp; Lightning</i></b>	<p>Disk 4 on SCSI chain 12 was replaced on <i>thunder</i> during this last reporting period. The data on the affected XLV strips were moved before the hard drive experienced total failure.</p> <p>A shell script is being developed to monitor the existing XLV's on <i>thunder</i> and <i>lightning</i>. This shell script is designed to identify problems in the XLV and report errors promptly.</p>	
<b>SUN Upgrades</b>	The SA group is continuing to deploy the SunBlade 100s. At this time 13 systems have been deployed offsite and the SA team is currently working to upgrade the remaining 2 systems. Also, all of the SunBlades onsite are in operation except for two systems which are expected to be deployed by the end of this month.	
<b>SGI Upgrades</b>	The 3 R12000 O2s have been put into place on the users' desks. They are currently operational at this time. One of the systems is operating at a network speed of 10Mb half duplex on CAT 3 cable. We are currently working to switch the system to 100Mb full duplex on CAT 5 cable.	
<b>Security</b>	<p>The web servers still have the software ION deactivated. The upgrade, version 1.6 has arrived but requires Solaris 8, and the Web servers are currently running Solaris 2.6. We are currently investigating upgrading the web servers to Solaris 8.</p> <p>The SA Group is continuing to monitor for undesired connections to the SCF systems. Any attempted connections are immediately reported to Network Security.</p>	
<b>SAM II Data Transfer</b>	<i>Asdvax</i> is still down. We are awaiting a response from Wyle.	

<i>Description</i>	<i>December 18, 2002 Status</i>				<i>Problems</i>
<b>Toolkit</b>	No new updates.				
	Prior info: The latest version, 5.2.8.2v2, has been recompiled on <i>thunder</i> and <i>lightning</i> to apply an HDFEOS patch. This compile also included a .h file modification provided by Joe Stassi.				
	Software		Version		
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	HDF-EOS		2.8v1.00		
	HDF-EOS		5.1.3		
	HDF		4.1r5		
	HDF		5-1.4.3		
	SDPTK		5.2.8.2v2.00		
	BRAND		COMPILER	ABI	ISA
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sgi		f95 (NAG)	64	mips4	
sgi32		f90 (SGI)	n32	mips3	
sgi64		f90 (SGI)	64	mips4	
<b>DMSS Transfer</b>	No new updates.				

### CERES SCF/DAAC Server Information

<b>Server Name:</b>	<b>Asdsun</b>	<b>Blizzard</b>	<b>Thunder</b>	<b>Lightning</b>	<b>Darrin</b>	<b>Samantha</b>	<b>Warlock</b>	<b>Samantha2</b>
<i>System Type</i>	Enterprise 5000	Power Challenge	Origin 3800	Origin 3800	Origin 2000	Origin 2000	Origin 3800	Origin 3800
<i>Operating System</i>	Solaris 2.6	IRIX64 6.5.16m	IRIX64 6.5.11m	IRIX64 6.5.11m	IRIX64 6.5.15m	IRIX64 6.5.11m	IRIX64 6.5.15m	IRIX64 6.5.16m
<i>Fortran compilers</i>	SUNWspro 4.0	7.3.1.3m	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.3m
<i>Toolkit (default)</i>	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1
<i>Toolkit (other)</i>			TK5.2.8v2	TK5.2.8v2	TK5.2.4v1 TK5.2.5v1 TK5.21.6v1			TK5.2.8v1
<i>Ada</i>	N/A	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<i>IDL</i>	5.1.1	5.5	5.1.1	5.1.1	5.2	5.5		5.5
<i>NAG fortran 95</i>	1.0(428)	1.0(428)	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	4.1.r3	4.1.r3
<i>Proposed upgrades</i>	None	None	None	None	None	None	None	None
<i>Problems</i>	None	None	None	None	None	None	None	System undergoing standardization

Date last updated (server info chart only): 12/16/02