

CERES SCF STATUS

<i>Description</i>	<i>October 09, 2002 Status</i>	<i>Problems</i>
1250 Network Upgrade	<p>New ethernet switches replaced old ethernet switches and were uplinked to the Gig-E backbone on the 28th of September. All of the systems that were on the replaced units were transitioned to the new switch, allowing them to be directly routed to systems in Building 1250.</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>	
SUN Upgrades	<p>An additional SGI was transitioned to a Sun Blade 100 during this timeframe. Other Sun upgrades were performed as well.</p> <p>Prior Info: As indicated in the last report, <i>asdsun</i> was moved to the Gig-E network and upgraded to Solaris 2.8. A problem was encountered with Solaris 2.8 being able to reconfigure the metadata filesystem that is on <i>asdsun</i>. To ensure full operation, <i>asdsun</i> was brought back up in Solaris 2.6 until the metadata issue can be resolved. The users' systems are being upgraded as their schedules allow.</p> <p>Webtads will be initiated for RAB in the near future.</p>	
SGI Upgrades	<p>The upgrade of off-site SGI systems continue. During this reporting period the systems <i>oberon</i> and <i>enigma</i> were upgraded to IRIX 6.5.16m.</p> <p>Prior Info: There is no update since the compile of the default toolkit on the new samantha2 SGI system on August 12 at the ASDC. A request has been sent for a "cereslibcm" account to facilitate the installation of CERESLIB. At this time the account has not been created.</p>	

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Security	<p>The SA Department is currently investigating a method for user "Account Verification" to include password aging. A GUI program is currently being developed for evaluation.</p> <p>Prior Info: As previously indicated, the IP filtering has been activated on a single user's SGI system for testing prior to installing on all SGI systems. At this time no additional changes have been required for the rule set.</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>																																																	
SAM II Data Transfer	The requested recopy of 102 images were completed. They were placed on CD's and given to the Sage personnel. Currently three platters labeled "copy" are being evaluated and their contents copied to 8mm tape for transfer to CD's.																																																	
Toolkit	<p>No additional input for this reporting period.</p> <p>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.</p> <table><tr><td>Software</td><td>Version</td><td></td><td></td></tr><tr><td>-----</td><td>-----</td><td></td><td></td></tr><tr><td>HDF-EOS</td><td>2.8v1.00</td><td></td><td></td></tr><tr><td>HDF-EOS</td><td>5.1.3</td><td></td><td></td></tr><tr><td>HDF</td><td>4.1r5</td><td></td><td></td></tr><tr><td>HDF</td><td>5-1.4.3</td><td></td><td></td></tr><tr><td>SDPTK</td><td>5.2.8.2v2.00</td><td></td><td></td></tr></table> <table><tr><td>BRAND</td><td>COMPILER</td><td>ABI</td><td>ISA</td></tr><tr><td>-----</td><td>-----</td><td>----</td><td>-----</td></tr><tr><td>sgi</td><td>f95 (NAG)</td><td>64</td><td>mips4</td></tr><tr><td>sgi32</td><td>f90 (SGI)</td><td>n32</td><td>mips3</td></tr><tr><td>sgi64</td><td>f90 (SGI)</td><td>64</td><td>mips4</td></tr></table>	Software	Version			-----	-----			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	-----	-----	----	-----	sgi	f95 (NAG)	64	mips4	sgi32	f90 (SGI)	n32	mips3	sgi64	f90 (SGI)	64	mips4	
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DMSS Transfer	The tape archive has been experiencing some problems lately. It is currently being worked on to correct these problems.																																																	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Blizzard	Thunder	Lightning	Darrin	Samantha	Warlock
<i>System Type</i>	Enterprise 5000	Power Challenge	Origin 3800	Origin 3800	Origin 2000	Origin 2000	Origin 3800
<i>Operating System</i>	Solaris 2.6	IRIX64 6.5.11m	IRIX64 6.5.11m	IRIX64 6.5.11m	IRIX64 6.5.15m	IRIX64 6.5.11m	IRIX64 6.5.15m
<i>Fortran compilers</i>	SUNWspro 4.0	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m	7.3.1.2m
<i>Toolkit</i>	TK5.2.7v1	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	1.3
<i>IDL</i>	5.1.1	5.4	5.1.1	5.1.1	5.2	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)	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
<i>Proposed upgrades</i>	None	OS & Compilers	None	None	None	None	None
<i>Problems</i>	None	None	None	None	None	None	None