

CERES SCF STATUS

<i>Description</i>	<i>April 07, 2004 Status</i>	<i>Problems</i>
SUN Upgrades	No new updates.	
SGI Upgrades	The testbed system <i>ctb-g</i> was upgraded from IRIX 6.5.16 to 6.5.22. Progress on this effort will be discussed at the DMT meeting.	
Thunder, Lightning & Lanina	In preparation for the operating system upgrade from IRIX 6.5.16m to IRIX 6.5.22m and the upgrade of the MIPSpro compilers 7.3.1.3m to 7.4.x, the ASDC has agreed to loan a 2 processor Octane for testing. Once this system is transferred to the SCF it will be standardized including the toolkit and <i>cereslib</i> . A schedule will be created for the subsystems to test and identify the impact of the upgrade.	
Security	Samba on <i>saisun02</i> has been upgrade to version 3.02a. This version fixes the vulnerability where an attacker could gain unauthorized access to a user account created by the <i>mksmbpasswd.sh</i> shell script. The latest security patches have been installed on all on-site Solaris 8 systems except for <i>asdsun</i> and <i>sojo</i> .	
Network	No new updates.	

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Toolkit	<p>At this time only a Mac G5 Fortran 77 version of the toolkit has been ported by the EOS team. The SCF Systems Administrators are in the process of compiling Fortran 90 with the IBM XLF compilers for Mac OS-X. All information learned thus far on compiling the Fortran 90 port has been distributed to Jim Donaldson via email.</p> <p>Prior info:</p> <table data-bbox="394 423 783 662"> <thead> <tr> <th>Software</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>HDF-EOS</td> <td>2.9v1.00</td> </tr> <tr> <td>HDF-EOS</td> <td>5.1.5</td> </tr> <tr> <td>HDF</td> <td>4.1r5</td> </tr> <tr> <td>HDF</td> <td>5-1.4.4</td> </tr> <tr> <td>SDPTK</td> <td>5.2.9v1.00</td> </tr> </tbody> </table> <table data-bbox="394 732 1182 906"> <thead> <tr> <th>BRAND</th> <th>COMPILER</th> <th>ABI</th> <th>ISA</th> </tr> </thead> <tbody> <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> </tbody> </table>	Software	Version	HDF-EOS	2.9v1.00	HDF-EOS	5.1.5	HDF	4.1r5	HDF	5-1.4.4	SDPTK	5.2.9v1.00	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	No new updates.																													

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Thunder	Lightning	Lanina	Samantha¹	Warlock	Darrin
<i>System Type</i>	Sun Fire V880	Origin 3800	Origin 3800	Origin 3800	Origin 2000	Origin 3800	Origin 2000
<i>Operating System</i>	Solaris 8	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.18m	IRIX64 6.5.17m	IRIX64 6.5.18m
<i>Fortran compilers</i>	SUNWspro 4.0	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m
<i>Toolkit (default)</i>	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1		TK5.2.7v1	
<i>Toolkit (other)</i>		TK5.2.9v1	TK5.2.9v1	TK5.2.9v1		TK5.2.9v1	
<i>Ada</i>	N/A	1.3	1.3	1.3		1.3	1.3
<i>IDL</i>	5.6	5.5	5.5	5.5	5.5	5.5	5.3
<i>NAG fortran 95</i>	1.0(439)	1.0(428)	1.0(428)	1.0(428)	Removed	1.0(428)	1.0(428)
<i>HDF</i>	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	None

1. New *samantha* (previously *trance*).

NOTES:

Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder*, *lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): 03/08/04