

CERES SCF STATUS

<i>Description</i>	<i>January 28, 2004 Status</i>	<i>Problems</i>																																		
SUN Upgrades	No new updates.																																			
SGI Upgrades	<p>Upgrading from IRIX 6.5.16m to IRIX 6.5.22m was investigated this past reporting period. The largest impacts on the DMT community is expected to be associated with the upgrade of the compilers. Due to the change in the current license scheme, the number of IDL and NAG f95 licenses would be reduced but limited impact would be expected in this area. <i>Calipso-asd</i>, <i>lanina</i>, <i>lightning</i> and <i>thunder</i> presently all share the same lmhostid. With an upgrade to IRIX 6.5.22 each system will have a different lmhostid; therefore, requiring a change in the current license scheme.</p> <p>Offsite, the system <i>blizzard</i> was transferred back to NASA.</p>																																			
Thunder, Lightning & Lanina	System monitoring was done on the SGI servers this past reporting period during peak system loads. Some subsystem leads were contacted and their processes were moved to <i>lanina</i> from <i>thunder</i> and/or <i>lightning</i> . This was accomplished to allow a more balanced load on the systems.																																			
Security	The SA group continues to monitor for undesired connections to the SCF systems. Any attempted connections are immediately reported to Network Security. Undesired connections dropped after the holiday season, as expected.																																			
Toolkit	<p>SA testing of the latest toolkit (TK 5.2.10v1) continues during this reporting period.</p> <p>Prior info:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Software</th> <th style="text-align: left;">Version</th> </tr> <tr> <th style="text-align: left;">-----</th> <th style="text-align: left;">-----</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 style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">BRAND</th> <th style="text-align: left;">COMPILER</th> <th style="text-align: left;">ABI</th> <th style="text-align: left;">ISA</th> </tr> <tr> <th style="text-align: left;">-----</th> <th style="text-align: left;">-----</th> <th style="text-align: left;">----</th> <th style="text-align: left;">-----</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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<i>Description</i>	<i>January 28, 2004 Status</i>	<i>Problems</i>
DMSS Transfer	No new updates.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Blizzard	Thunder	Lightning	Lanina	Samantha¹	Warlock	Darrin
<i>System Type</i>	Sun Fire V880	Power Challenge	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 6.5.16m	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	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	
<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	1.3
<i>IDL</i>	5.6	5.5	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)	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		4.1.r3	
<i>Proposed upgrades</i>	None	None	None	None	None	None	None	
<i>Problems</i>	None	None	None	None	None	None	None	None

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

NOTES:

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): **11/19/03**