CERES SCF STATUS

Description	*March 9, 2004 Status*	*Problems*
SUN Upgrades	No new updates.	
SGI Upgrades	No new updates.	
Thunder, Lightning & Lanina	The network interfaces on thunder, lightning, and lanina are being monitored for errors. Lightning and lanina report no errors, collisions or dropped packets. Thunder reported only a minor (38/55000000) collision rate. The network interfaces on the SCF SGI servers are operating well within expected parameters.	
Security	The latest Sun patch cluster is being tested on a limited number of systems to determine any possible negative impact. The patch cluster is being modified to eliminate any overwriting of standardized software maintained by the system administrators.	
Network	The FreeBSD based rate shaper was installed between the SAIC and LaRC network. The system administrators are monitoring its performance.	
Toolkit	The system administration team is in the process of compiling the toolkit on a Mac G5. The toolkit failed to compiler and the errors are being investigated. Prior info: 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	
DMSS Transfer	No new updates.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Thunder	Lightning	Lanina	Samantha[1]	Warlock	Darrin
System Type	Sun Fire V880	Origin 3800	Origin 3800	Origin 3800	Origin 2000	Origin 3800	Origin 2000
Operating System	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
Fortran compilers	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
Toolkit (default)	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1		TK5.2.7v1	
Toolkit (other)		TK5.2.9v1	TK5.2.9v1	TK5.2.9v1		TK5.2.9v1	
Ada	N/A	1.3	1.3	1.3		1.3	1.3
IDL	5.6	5.5	5.5	5.5	5.5	5.5	5.3
NAG fortran 95	1.0(439)	1.0(428)	1.0(428)	1.0(428)	Removed	1.0(428)	1.0(428)
HDF	4.1.r3	4.1.r3	4.1.r3	4.1.r3		4.1.r3	
Proposed upgrades	None	None	None	None	None	None	
Problems	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