CERES SCF STATUS

Description	*December 29, 2004 Status*	*Problems*
SUN Upgrades	No new updates.	
SGI Upgrades	No new updates. Prior Info: The upgrade of the SCF servers has been postponed until January. The system *ctb-g.larc.nasa.gov* has not been relocated behind the firewall. The CERES testbed system (*ctb-g.larc.nasa.gov*) was upgraded from IRIX 6.5.22m to IRIX 6.5.25m. The existing compilers on this system remain the same. We are currently investigating upgrading the compilers once the MipsPRO 7.4.3m compilers are released in December to resolve the 3211 error being reported by the TISA subsystem. The toolkit brands SGI32 and SGI64 were recompiled due to the upgrade. The toolkit brand SGI continues to fail to compile at this time.	
MAC Upgrades	No new updates.	
PC Upgrades	No new updates.	
Thunder, Lightning & Lanina	The CERES simulator was relocated to Building 1250 and reassembled. A "band-aid" fix was added to the NLstore program to fix the socket problem reported by the CERES team members. At this time, 8759 files have been transferred after the fix was incorporated. No socket errors have been reported. At the request of a CERES team member a modification was added to allow the de-selection of files from a "single" to "extended" mode.	

Description	*December 29, 2004 Status*	*Problems*
Thunder, Lightning & Lanina	Prior Info: The CERES testbed OS/Compilers test schedule, as previously revised, is shown below. 1.) Inversion (Complete) Sandy has completed testing of the Inversion subsystem. No problems were reported. 2.) Instrument (Complete) Denise has completed testing of the Instrument subsystem. No problems were reported. 3.) Clouds (In progress) Walt is in the process of testing at this time. 4.) SARB (In progress) Scott is in the process of testing at this time. 5.) GGEO (Complete) Joe has completed testing of GGEO and the 4211 error has not been resolved. 6.) TISA (Complete) Raja has completed testing. 7.) ERBELIKE (Complete) Dale has completed testing.	
Security	Samba has been upgrade to patch for a buffer overflow security hole. The offsite Samba server has been upgraded from Version 3.0.2a to 3.0.10.	
Misc.	Last month, the offsite backup server PC failed due to a power supply failure. A replacement PC was ordered and put into operation.	

Description	*December 29, 2004 Status*	*Problems*
Toolkit	No new updates. Prior Info: The latest tested version of the toolkit is version 2.9.v1.00. The latest version of the toolkit installed but not tested is version 2.10.v1.00. This chart reflects the latest tested version of the toolkit by the CERES subsystems. 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.	
CERESlib	No new updates.	
Network	No new updates.	

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Thunder	Lightning	Lanina	ctb-g	Samantha[1]	Warlock	Darrin
System Type	Sun Fire V880	Origin 3800	Origin 3800	Origin 3800	Octane	Origin 2000	Origin 3800	Origin 2000
Operating System	Solaris 8	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.25m	IRIX64 6.5.18m	IRIX64 6.5.17m	IRIX64 6.5.25m
Fortran compilers	SUNWspro 4.0	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.4	7.3.1.3m	7.3.1.3m	7.4
Toolkit (default)	TK5.2.7v1	TK5.2.7v1	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		TK5.2.9v1	
Ada	N/A	1.3	1.3	1.3	1.3		1.3	1.3
IDL	5.6	5.5	5.5	5.5	5.5	5.5 (demo mode)	5.5	5.3
NAG fortran 95	1.0(439)	1.0(428)	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		4.1.r3	
Proposed upgrades	None	None	None	None	None	None	None	
Problems	None	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): 09/22/04