

CERES SCF STATUS

| <i>Description</i> | <i>June 16, 2004 Status</i> | <i>Problems</i> |
|--|--|-----------------|
| SUN Upgrades | No new updates. | |
| SGI Upgrades | No new updates. | |
| Thunder, Lightning & Lanina | <p>Network Address Translation (NAT) is now active on <i>lanina</i>. This allowed the System Administration team to update the Macintosh on the backend network which is designed to support the /ASDC-QA area. The partition /ASDC-QA is currently mounted to <i>thunder</i>, <i>lightning</i> and <i>lanina</i> read only and mounted to <i>warlock</i> read/write.</p> <p>As this report is being written a hard disk has died on <i>thunder</i>. The System Administration team is in the process of restoring the data from tapes for the partitions that are backed up on the effected disk. At this time the System Administration team is unsuccessful in bringing the failed disk back online long enough for a partition data transfer. Email notification was sent out on the status of the failed disk.</p> <p>NAG95 is now available on the CERES testbed system. The Network Address Translation setup has allow us to obtain compiler and IDL licenses from the frontend interfaces on our server systems.</p> <p>There are no new updates to the CERES testbed OS/Compilers test schedule. The schedule, as revised two weeks ago, is shown below.</p> <p>1.) Inversion (Complete) Sandy has completed testing of the Inversion subsystem. No problems were reported.</p> <p>2.) Instrument (Complete) Denise has completed testing of the Instrument subsystem. No problems were reported.</p> <p>3.) Clouds (In progress) Walt is in the process of testing at this time.</p> <p>4.) SARB (In progress) Scott is in the process of testing at this time.</p> <p>5.) GGEO (In progress) Joe is in the process of testing at this time.</p> <p>6.) TISA (Complete) Raja has completed testing.</p> | |

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|--|--|-----------------|---------|-------|-------|---------|----------|---------|-------|-----|-------|-----|---------|-------|------------|-------|----------|-----|-----|-------|-------|------|-------|-----|-----------|----|-------|-------|-----------|-----|-------|-------|-----------|----|-------|--|
| Thunder, Lightning & Lanina | 7.) ERBELIKE (Complete) Dale has completed testing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Security | OpenSSH was upgrade on all offsite SGIs to version 3.8.1p1. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toolkit | <p>No new updates.</p> <p>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.</p> <table> <thead> <tr> <th>Software</th> <th>Version</th> </tr> <tr> <th>-----</th> <th>-----</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> <thead> <tr> <th>BRAND</th> <th>COMPILER</th> <th>ABI</th> <th>ISA</th> </tr> <tr> <th>-----</th> <th>-----</th> <th>----</th> <th>-----</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 | |
| 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 | Reconfigured and consolidated offsite CERESlib servers. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CERES SCF/DAAC Server Information

| Server Name: | Asdsun | Thunder | Lightning | Lanina | ctb-g | Samantha ¹ | Warlock | Darrin |
|--------------------------|---------------|----------------|----------------|----------------|----------------|-----------------------|----------------|----------------|
| <i>System Type</i> | Sun Fire V880 | Origin 3800 | Origin 3800 | Origin 3800 | Octane | 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 6.5.22m | IRIX64 6.5.18m | IRIX64 6.5.17m | IRIX64 6.5.22m |
| <i>Fortran compilers</i> | 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 | 7.3.1.3m |
| <i>Toolkit (default)</i> | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | TK5.2.7v1 | | TK5.2.7v1 | TK5.2.7v1 |
| <i>Toolkit (other)</i> | | TK5.2.9v1 | 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 (demo mode) | 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:

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): 06/16/04