09/19/2007 CERES Data Management Team Meeting

Upcoming Events:

Nov 6-8, 2007: HDF workshop in Landover, MD.
Nov 14-16, 2007: Fall CERES **Science Team Meeting** in Victoria, BC, Canada

Notes from the previous meeting (9/5/2007)

ASDC:

Perl location: SCF and ASDC will link perl to the same location. /usr/local/bin/perl will be final destination. At the SCF, it links to /usr/bin/perl. This resolution makes sense from a system point of view and will be implemented shortly.

Today, disk space is at 98%.

3.4.3 compiler without Ada was built successfully for *magneto* several weeks ago. Christian is working on the toolkit build for 4.2.0 which needs to be complete before Scott can do anything with CERESlib. Work on 3.4.3 TK build will only be done if 4.2.0 doesn't pan out.

MERRA data is expected to be ready for ASDC at the end of this week or early next week.

Warlock had some hardware issues. SGI clients hitting situations where archive file system is hung. Archive no longer able to read/write. Situation creates 10,000+ error messages per day! Only way to recover is to reboot *warlock*. Quantum, Data direct networks, and SGI are looking into it.

Archive has larger disk cache, so most data now coming from disk. There are fewer issues with the tapes. Daacget is currently not working from *lightning*.

Jimmy Rowe is staging files for Seiji.

Lindsay Parker is the new CERES/User Services liaison. Two special users, exterior to LaRC, have attempted to order everything. User Services to work with them.

Current plan is for ECS to go down Sept. 14 – 16 for switch to StorNext. There will be no Terra Dprep during this period.

Sometime in October, the automation folks will make a presentation after a DMT to discuss what CERES has to look forward to, current status, and expected schedule.

SCF:

Nagacity is a 2 CPU machine that looks much like *manila* (also 2 CPUs) and *Corregidor* (4 CPUs). It has 8 GB of memory. Need people to try it out. (Scott has already done so.) Before sending a help ticket, try whatever is causing you problems on all 3 machines.

Attempt to always use the machine with the lightest processing load/fewest number of users ("ps" and "who").

Daacget and daacls need to work from *nagacity*. Daacget is user/machine specific, so this need to be worked with ASDC.

Scott needs 10 – 15 minutes on each SSAI workstation. User accounts will become mobile network domain accounts. Scott will try to do this remotely. This is a security matter. In advance, on *manila* and *corregidor*, check in /users for a home path. Get everything out from there that you wish to keep. /users/username will link back to normal home path once this is completed. On the mac only, once all this is in place, discontinue use of the "passwd" command. This will cause a keychain problem. Scott will discuss this with you when you are called. To avoid keychain problems, go to system preferences/accounts to change your password. In the future, there will be no separate passwords for local desktop, 3 mac machines, cebu, and e-mail. There will be one domain password. This single sign-on will be coming in the next months.

SGI no longer tells you how long is left on the password. This feature may come back once everything is back in working order.

SEC:
Meeting after this DMT. Jeff gave the group some things to think about from the automation perspective. SEC will eventually present the delivery directory structure plan to the entire DMT and solicit opinions. A switch to the directory structure that is decided upon will be required before automation can run.

SUBSYSTEM STATUS:
CM – No SCCRs. Waiting on TK resolution on *magneto* so folks can test.
Instrument – No longer have SGI disks. Would like to get rid of "-san" from /Instrument directory. Discuss at next DMT.
Clouds – Clouds is processing with MERRA but can't tell if MERRA is better or worse. For example, the TOA temperature change is > 10°. Emissivity maps don't make much difference.
SARB – To talk with Victor about missing VDATA in CRS. Make sure same problem doesn't affect Inversion.
TISA grid – When data arrives, can run PMOA for Jul'04.

AWRS:
Website registration of all "landing sites" is requested by 09/**10**/2007. Erika's understanding is that most Science Directorate sites will be registered by Katie, Jay, and possibly Ben. "Landing site" is currently thought to be one for which all site beneath it have same NASA official, possibly same curator, same look, and similar web address. Sites other than the parent site link to it, and visitors "land" there. Sites not registered may result in the server being taken off the network. Sites developed from now on should be done in the portal. If

you are the curator of a site and are wondering about its registration, contact either Katie/Jay or your NASA Official.

@LaRC e-mail

If need e-mail, subsystem requires delivery before @larc e-mail addresses go away. (This information was collected after DMT Mtg: @larc e-mail will exist until the end of this year. After that, it's dicey. It could go away and come back later.)

Agenda:

ASDC Status

SI&T
Interfaces
Operations
User Services

SCF Status

- discussion on removing "-san" from directories

SEC activities

DM System Issues and Status

Processing Priorities
Schedule
SCCRs
Instrument Special operations
Subsystem Reports

Other – MERRA update

- *magneto* status?
- From the last meeting discuss removing "san" from directory names, since SGI disks are gone.