SCSC Meeting 12/8/2008

Membership

John Arthur, Tom Devereaux, Richard Dubois, Gregory Dubois-Felsman, Gunther Haller (chair-person), Steffen Luitz, Stuart Marshall, Richard Mount*, Cho Ng, Sayed Rockni, Mike Soltis, Clemens Wermelskirchen*

*-Not in attendance
Italics are action items

Agenda:

- Web site
- Minutes
- Security Committee
- Process Flow
- Areas
- Services
- Tom's Slides
- Others

Minute Taker: Les Cottrell

Web Site

Steffen will provide links to the services sharepoint page.

Minutes

The minutes were blessed. Minutes will go public when they have been blessed.

Computer Security Committee (CSC)

The charter of the CSC was discussed at the IT sub-council. There has been some clarification to the role of the CSC that it is populated by the two sub-councils with a strong technical representation. The CSCS needs adequate technically conscious representation from all parts of the Lab. Gunter showed the membership of the CSC and the department they currently represent. So far the chair has been the CSO (Cowles) and it works. The list of members should go through the CSO. Gunther needs names from SCSC for membership of the CSO. Need to add SSRL User Organization and SLOU representatives.

Need a formal invitation from Steve Williams/Gunther/Steffen to invite representatives.

Need recommendations for membership of the CSC from the SCSC membership. These go to Gunther.

Process Flow

Gunther went over the presentation focusing on the flow chart. Steffen has a list of service name, description, scope (more details of what providing services means e.g. managing disks,)

Steffen will provide examples from his services list.

Gunther will add required vs. desired to his flow diagram.

Areas

Gunter showed spreadsheet of Areas together with SCSC landlord for area, plus projects for area.

Discussion of whether controls/measurement (e.g. EPICS) appears in this list. To a large part they are independent of SCCS, yet they do use networking for example.

Add Richard Mount & clarify what areas (e.g. ATLAS) he is responsible for.

Need representative for each area to notify when there is a scheduled downtime.

Add Super B and Joint Dark Energy Mission (JDEM) to the list of areas.

Add Stuart Marshall to Astronomical Simulations.

Add Data Analysis to the PPA/KIPAC sub areas, plus miscellaneous computing.

Add SSRL sub areas SPEAR, Protein facility, Material s science.

For Photon Science: SIMES & PULSE and campus move to column A. Tom will provide examples for column C.

Facilities, Business Services, HR are sub groups under Operations. Sayed will come back with what SC (Scientific Computing) Operations needs. He will add something for running the accelerator.

Get someone from ETS (Engineering Technical services). Also add the Area ETS to column A

Add EGS-4 to column 3, it is tied to Radiation protection and Operations.

Maybe add xrootd (also EGS-4) and other services provided externally to the General Packages. The representative is Richard Mount.

Add Controls/DAQ (e.g. EPICS) Gunther Haller is responsible.

Services

Gunther showed his list of services. The list from SCCS was very long we need broader categories. Maybe a hierarchical list with 2 levels is needed.

T om made a first stab. The top level was: Cycles, Storage, User Support, Data network/Transport, Infrastructure. We then tried to fit in the services.

Infrastructure: floor space, power/cooling, physical installation, procurement, service, R&D (e.g. how to get from version n to n+1)

User Support (general users' local hosts): OS install, OS updates, hardware maintenance, automation of sysadmin tasks

Cycles: general availability of cycles both parallel and serial, job scheduling and management, MPI software & batch interface, process statistics

Data network/Transport: network statistics, network infrastructure

Storage: Network file systems

After trying it was not clear everything in one list fits in the other, yet one does not want two disjoint lists and/or lose information.

Tom will flesh out his list and distribute before Xmas.

Stuart will modify his list to try and associate it more closely with Tom's list.

Next Meeting
Week of the 13th January