

## All Hands Meeting Notes: August 9, 2011

### Agenda Items:

#### NCF 2.0

- Flip over is complete - still some issues need resolving; overall things going well, some growing pains and learning curves; same authentication infrastructure and storage infrastructure; tweaking this week; leverage new provisioning infrastructure; work stations are all imaged; all consistent; compute nodes all imaged

#### EOL 2.1

- The beta site is up and running; exhausted infrastructure; goes live in about a month

#### Museum 1.0

- Brendan talked to most of the scientific collections, and they are using gallery system TMS; had all machines at FAS, trying to get TMS on RC infrastructure and start leveraging RC infrastructure to become more efficient; get images consolidated on RC storage; Herbaria images consolidated; alternative to DRS; high capacity archival storage controlled by RC; databases under RC control; end goal is for more cross museum collections for researchers

#### Math 2.0

- Close to the end; currently planning change over; changed over net app - went smoothly

#### NSS/HA

- Lustre file system was out of space, then bought EMC and ran out of space; Dell will provide two installation - 3 terabyte disks, with fastest hardware they have; cutting edge system took 1 day for set-up and was fine; other system had some issues - probably available for new local scratch area by end of this week, will free up 28 terabytes of EMC storage; museum stuff is on EMC; the new Dell disks will help shift scratch spaces around

#### Solexa

- Shuffling data and pipeline more efficient

#### GFS/CNS hosting

- James spoke with Jim Waldo - plotting where stuff should be; evolution of service; which services should live in which place;

#### Other

- Faculty member built out storage arrays however it is not very reliable; RC is helping from a distance; buying 10 slot tape drive - not best way; instead buying newer tape drive that can plug behind linux boxes; lots of mail boxes - tape about 1.5 terabytes, help with tapes off site; will be stored at 60 Oxford

### Round Table Updates:

John B - working on tickets and memory allocation; putting galaxy on virtual machines - one main one for shared use and labs can have private version - main galaxy is currently being tested; KVM

Plamen K - working on user documentation - focus on getting the users to use portal applications for the cluster; rewriting instruction pages; install applications that users can use on cluster to maximize performance

Brendan H - upgraded ROTOS on test server - move to production server in near future

Jeff C - everything for NCF 2.0 is cut over, last entry left

Anne Marie C - moving web server, but library is taking longer because of poorly named files; working with Brendan and Steve Rothman, getting images and set to move into storage; UKansas meeting

Jerry L - retirement of nucleus directory coming to a close; instrument set-up requests

Maggie F - brought up new group web server - websites and automated things to take care of; hosting an astro website for Ari Loeb?; need to build 'things'

Allen A - New faculty, Emily Balskus, met with Amir and successfully set-up and ran program she had issues getting going while at the Broad

Jeff K - sequencer 5 added; informatics license bought - one network seat for \$15000, it is on citrix, and it can run locally or on the cluster, and is for non sophisticated informatics; Marcus Kronfrost laser gene requests; new instruments; HPLC; SCRB has a need for hosting high risk/confidential info; setting up two storage servers for Rubin lab

Mike E - working on NCF 2.0 - bringing up more nodes, some issues need to be cleaned; working with Adam on IP2 project; Davis lab bought 6100 to be delivered and installed this month; Susan Russo and Flybase - when cluster gets hammered by some users, everything slows down; moved it to another data mover; logging into their nodes - problem there; broke a web server that was mounting the data but fixed

Amir K - Adam worked on HCBI billing; IP2 working and running faster; PBS and new hardware; hiring some one to do programming for Sunia; SPINAL - new instruments; arboretum opening new core and will need something similar to SPINAL; working with John on galaxy

Eric M - working on the merge billing for SPINAL - close to being done, running manually then will automate; 7 upgrade; correct RPMs on KVM; new instruments put in and many more to come from arboretum; Sunia's instruments to come online for billing

Chris W - working on economics boxes; EOL coming along; meeting with Karplus lab group to get rid of some things; lot of purchases being made - storage for CFA, Whitman lab, etc.

Other - CFA hire, Paul Edmond to start late Oct.; Keith Herron to leave RC Aug. 12; John B. is new Research Computing Associate; Middle of semester for professional training

