Infrastructure Meeting Notes 2018-04-26

Infrastructure meetings take place every other Thurs. at 9:00 Pacific on the BlueJeans infrastructure-meeting channel: https://bluejeans.com/383721668

Date

26 Apr 2018

Attendees

- Gregory Dubois-Felsmann
- Igor Gaponenko
- Fabio Hernandez
- Brian Van Klaveren
- Simon Krughoff
- Kian-Tat Lim
- Fritz Mueller
- John Swinbank
- Michelle Butler

Goals

- Alignment of NCSA-provided services with program needs
- Ensure effective use of the current NCSA infrastructure
- Refinement and continuous improvement of services, resources and processes
- Plan for near- and medium-term activities

Discussions

Item	Who	Notes
Review of last meeting notes	Unknown User (mbutler)	Any updates – none.
1TB/1M quotas for /home	Unknown User (mbutler)	work is progressing. A few users over 1M inodes now... so we decided to set this at 2M. Seems like 1M might be a too low of a goal for our /home filesystem.
DRP processing is beginning	Hsin-Fang Chiang	Continued processing. 25% of jobs errored out due to SSSD time out with ldap. qserv and other nodes have run into the same limitation. We changed the default timeout setting from 15 seconds to 45 seconds, and all has continued to run without problems.
Qserv nodes harddrive reorg	Unknown User (aloftus) and Fritz Mueller	Testing began yesterday. A few days behind, but all needed. A bit of a hangup for SUDO access is still required on these nodes by Fritz's team for the short term.
Developers guide update	Unknown User (mbutler)	all previous work is complete. The quota stuff is being added.
DTN nodes and new VMsphere	Unknown User (mbutler)	on hold until the May 17th PM.
Kubernetes roll out	Unknown User (mtlong2) and Adam Thornton	going well. the VPN is a pain, and security has set some needs to be done before opening it up. We are working through the security list of things needed before we can open up the cluster to more than just the AURA network. The VPN is to be used otherwise.
ATS archiver system	Unknown User (mbutler)	Software being updated now. James Parsons has given a list to the admin staff of what all is needed on that system, and will be testing late next week with it. NCSA will ensure that system is good to go before shipping. There is a review and a long schedule of events to go with that system being shipped to Tucson.
Chile systems update	Unknown User (bglick)	Install of machines is going well with a short hichup with the rack and it's set up. Got a shelf, and we were good to go.

PDAC Status	Fritz Mueller	3 items: new guy.. was a ticket started. sshd for vax01. Fritz is opening up a ticket. and then vm for the head node for the K8 cluster for pdac. Fritz is opening up a ticket for that too. Fritz Mueller feel free to use the suit proxy server as the PDAC k8s head node.
Topics for next meeting		

Action items

Please enter action items in the form

Responsible Person, Due Date, Description

- ☑ Unknown User (mbutler), next meeting,
- ☐