PDAC Meeting 2016-12-15

Date

15 Dec 2016

https://bluejeans.com/383721668

Attendees

- Gregory Dubois-Felsmann
- Trey Roby
- Kian-Tat Lim
- Brian Van Klaveren
- Fabio Hernandez
- Unknown User (jalt)
- John Gates
- Greg Daues
- Igor Gaponenko

Goals

Discussion items

Time	Item	Who	Notes
	NCSA	Unknown User (jalt)	- NFS service - Tuning was performed this past week. A new NFS server was set up and both Tomcat nodes were restarted to bring this into play. - Applied tuning similar to that mounted on the development environment. Aimed at small file transfers and frequent file metadata requests. - Networking - Samba mounting was promised to come up this week, not quite yet ready. - Jumbo frames: update has been postponed - Holiday staffing - Lots of people will be away next week; the week after is the formal holiday. No official support from 12/23 through 1/3. - Data Management plan ("management of data", not DM)
	SLAC	John Gates, Brian Van Klaveren	- Qserv performance and tuning - There have been a variety of small issues discovered with query performance and the completeness of the secondary indexes - DAX services - Trying to complete initial version of `metaserv` before next week. `imgserv` - Trey Roby reports concurrency is much improved - Would like JSON return blocks when errors are detected
	IPAC	Trey Roby	PDAC interface status
			- General discussion of performance monitoring for the Qserv / PDAC cluster - Relative merits of Nagios, Ganglia, Kibana - Currently depending on temporary Nagios service set up by Fritz Mueller. Expecting to migrate this - Igor Gaponenko strongly suggests the use of Ganglia for more detailed machine-level monitoring - NCSA not able to put additional effort into monitoring during the first half of S17

Action items

- [ ] Trey Roby Evaluate NFS performance on Tomcat servers after recent tuning 22 Dec 2016
- [ ]