PDAC Meeting 2017-06-15

Date

15 Jun 2017

Attendees

- Gregory Dubois-Felsmann
- Unknown User (pdomagala)
- Unknown User (korrapa2)
- Simon Krughoff
- Kian-Tat Lim
- Loi Ly
- David Shupe
- Igor Gaponenko
- Kenny Lo

Goals

Discussion items

Time	Item	Who	Notes
30 min	NCSA cluster monitoring plans	Unknown User (korrapa2)	- Looking for alternatives that are less limited than Nagios - Considered Ganglia. Liked its aggregation capabilities. - Now focusing on Grafana (graphics) + InfluxDB (time series database) + collectd (per-node data collector) - InfluxDB seems more performant than ElasticSearch - Demo of a variety of features for defining graphs and graph layouts / dashboards - Currently on internal NCSA network, `lsst-monitor01`. Requires login, so should be able to expose more widely after security review. - Currently monitoring verification cluster. Next: Nebula. Discussion of extending to Qserv cluster.
10 min	PDAC development plan for F17	Gregory Dubois-Felsmann	Science Platform and PDAC development and deployment in 2017
10 min	Dedicated data file system for the PDAC Qserv *master*	Igor Gaponenko	Recent incidents: IHS-299 and IHS-276
10 min	Status of accessing auth/auth system from SUIT/Firefly	Loi Ly	- Have been able to connect successfully to CILogon - Need user "role" data to be passed back - Need ability to log out - Need Apache SSL certificate for the SUI-proxy machine
	Misc		Simon Krughoff: is it possible to get more regular NCSA monitoring of the #dm-infrastructure Slack channel for question-answering? (Not for formal incident response - that will go to tickets.)

Action items

- ☑ Unknown User (pdomagala) Ensure that the Qserv master node is included in the Grafana/InfluxDB monitoring system ASAP to support the storage performance investigation needed by Igor Gaponenko. 21 Jun 2017
- ☑ Unknown User (pdomagala) Get a traceable Apache SSL server certificate set up for the lsst-sui-proxy01 node. 21 Jun 2017
- ☑ Unknown User (pdomagala) Arrange a meeting with at least Gregory Dubois-Felsmann, Igor Gaponenko, and an NCSA storage engineer to look into what to do about acquiring storage for the Qserv master node 19 Jun 2017