

PDAC Meeting 2017-06-15

Date

15 Jun 2017

Attendees

- [Gregory Dubois-Felsmann](#)
- [Unknown User \(pdomagala\)](#)
- [Unknown User \(korrappa2\)](#)
- [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 (korrappa2)	<ul style="list-style-type: none">• 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)<ul style="list-style-type: none">• InfluxDB seems more performant than ElasticSearch• Demo of a variety of features for defining graphs and graph layouts / dashboards• Currently on internal NCSA network, <code>lsst-monitor01</code>. 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 <i>master</i>	Igor Gaponenko	Recent incidents: IHS-299 and IHS-276
10 min	Status of accessing auth/auth system from SUI/Firefly	Loi Ly	<ul style="list-style-type: none">• 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