

PDAC Meeting 2016-10-21

Date

21 Oct 2016



Attendees

- [Gregory Dubois-Felsmann](#)
- [Fritz Mueller](#)
- [Trey Roby](#)
- [Unknown User \(jalt\)](#)
- [Greg Daues](#)
- [Igor Gaponenko](#)
- [Brian Van Klaveren](#)
- [John Gates](#)
- [Fabio Hernandez](#)

Goals

Discussion items

Time	Item	Who	Notes
	Infrastru cture		<ul style="list-style-type: none">• Created PDAC networking and user accounts for developers• db04 note - concerned about level of vendor support, have escalated, expect IBM to replace motherboard on Monday, bring replacement hardware as well in case board replacement doesn't work• Fritz Mueller: should we include a hot spare in the next order? discussion of whether we've reached the point of being able to exercise rapid reconfiguration, no conclusion• Need to move meeting to an AM time slot• Need to finish work with Gregory Dubois-Felsmann on a JIRA project for PDAC issues

SLAC		<p>DAX: Brian Van Klaveren</p> <ul style="list-style-type: none"> • Have DAX components running. Setting up another Docker database with the information for metaserv; have been using Isst10. • updating the API page with responses needed by Unknown User (ymei) • will be able to put dbserve up this afternoon for SUIT group access, will put it on port 5000, will be touching the Isst10 database for an existing (non-Qserv) database, DC_W13_Stripe82 <ul style="list-style-type: none"> ◦ see #dm-pdac for a sample URL that works • metaserv will still need more work • Unknown User (jalt): iptables has been set to avoid blocking intra-PDAC access <div data-bbox="548 323 1328 493" style="border: 1px solid orange; padding: 10px; margin: 10px 0;">  DM-7103 - Jira project doesn't exist or you don't have permission to view it. </div> <ul style="list-style-type: none"> • working under <div data-bbox="646 422 662 443">it.</div> <ul style="list-style-type: none"> • metaserv next, then imgserv • by end of meeting: dbserve is up! <p>Data: Igor Gaponenko</p> <ul style="list-style-type: none"> • All images now moved to GPFS, file transfers from IN2P3 complete • Still need to finish reorganization of images <ul style="list-style-type: none"> ◦ John Gates will do this as part of standing up imgserv, configuring Butler ◦ Unknown User (jalt): organization should follow <div data-bbox="475 720 1243 890" style="border: 1px solid orange; padding: 10px; margin: 10px 0;">  RFC-95 - Jira project doesn't exist or you don't have permission to view it. </div> <div data-bbox="1247 777 1419 798">(re: immutability plan)</div> <ul style="list-style-type: none"> • Will now turn to Qserv loading • Will need to engage NCSA for performance tuning - Unknown User (speckins) • Refers to GPFS 10Gbps bandwidth limit • Nevertheless, loading should only take a few hours because parallel loading is now working • Had to adjust partitioning parameters for the Stripe82 dataset to make the chunks smaller <ul style="list-style-type: none"> ◦ Not clear why this is so much worse than in the previous Stripe82 "simulated database" at IN2P3 • Final load is blocked by db04 • Goal is to have a fully loaded Qserv behind DAX by 31 Oct 2016 • About a week's worth of work needed on imgserv as well
IPAC		<ul style="list-style-type: none"> • Image file tests have been successful - can handle masks, WCSes <ul style="list-style-type: none"> ◦ have put Gaia sources on top of images, everything looks properly aligned • About to start tests against the catalog data today • coverage image

Action items

