

Facility Coordination Biweekly Meeting

2020.01.29

- Facilities Team [Google drive folder](#)
- Facilities [Indico category](#)
- Facilities WBS: <http://bit.ly/facility-wbs>
- Facilities SOW: [WBS 2.3 SOW \(V3, 3/28/19\)](#)

Attendees

Chairs: Rob, Shawn

Present: Doug, Eric, Fred, Ilija, Rob, Shawn, Wei, Will, Xin, Mark

Apologies:

Agenda

- L3 Area Updates
 - WBS 2.3.1, WBS 2.3.2, WBS 2.3.3, WBS 2.3.4, WBS 2.3.4
 - New Action Items
 - Old Action Items
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Top of Meeting Notes

- Welcome Fred as new Tier-2 level 3 manager (2.3.2)
- Still need to find a replacement for Rob for 2.3.5
 - Fred suggested Gordon Watts. Rob noted Gordon is very busy (Co-PI IRIS-HEP, Doug: Deputy for IB Board)
- OSG All Hands Meeting - prep - week of Mar 16
 - need to get going on the agenda - Action item on Rob
 - need also to reach out to US CMS for the joint session
- Other meetings?
 - Rucio Community Workshop at Fermilab, week before All hands; and a co-located DOMA meeting <https://indico.cern.ch/event/867913/>
 - DOMA F2F: 9 March 2020 in FNAL <https://indico.cern.ch/event/875110/>

ML Platform discussion

- At BNL, federated ID is not an option - for an interactive account you need a BNL account
 - n.b. resources at BNL are accessible via Panda (Doug)
 - getting BNL account is possible for any ATLAS collaborator; usually you get an account within one or two weeks
 - With local BNL account access to ML nodes is possible interactively or through Jupyter
 - 6 IC nodes have been procured and tested with a hello-world, but have not tested w/ Panda jobs yet
- Wei notes that some users are submitting jobs via local batch
- Ilija describing his ML platform
- Accounts are an issue
- Doug - discussing requests coming from the collaboration for "interactive gpu" - a mix of ML and code dev that requires a GPU
- Eric notes there is a cross-lab access for DOE users - could demonstrate access between the labs
- Doug notes we need to be supported - we need to review!
- Doug - link in AGIS to all US GPU queues - [LINK in AGIS](#)

WBS 2.3.1 - Eric

- Update of dCache to 5.2 foreseen within next weeks (after reprocessing)
- MAS progressing well with some delays due to lack of effort
 - ~1PB of unused data moved to intermediate storage
 - RSE and panda queues checked with ADC and Rucio
 - Data moved to MAS will be deleted from DATADISK
 - Usage will be monitored
 - Presentation at the WLCG QoS workshop next Friday
- Patrick's lake CHEP article status?
- Reprocessing had some operational issues (interference with data consolidation, T2 issues affecting T1 stage-in, etc....) The whole chain may need to be revisited?

WBS 2.3.2 - Shawn-Fred

- T2 sites need to update IPv6 spreadsheet:
https://docs.google.com/spreadsheets/d/1d2FbmFoXZkBP_cAmJ5q5kWgdsGnWuyFT0ot1n9Gf4ns/edit#gid=0

WBS 2.3.3 HPC Operations - Doug

- NERSC simulation has resumed with the ERCAP allocation. Used 3.6M hours out of 104M hours. Need to switch over to ALCC soon.
- NERSC ERCAP award for 2020 - 104 M NERSC MPP hours (last year 122 M NERSC MPP hours) - CMS got the same amount of time (102M hours).
- ALCC - LOI Submitted - ALCC Letter of Intent shared with US CMS - [link to LIO text](#)
 - Proposal due February 3rd in progress
- Setting up Harvester at OLCF
 - The work is being documented and traced by [Jira Ticket - ATLASPANDA-498](#)
- Rucio-Globus RSE needs to be implemented at BNL (old storage decommissioned)

WBS 2.3.4 - Analysis, Shared Tier3 Facilities - Wei & Will

- UCSC is testing MadGraph jobs at SLAC for their simulation production.
- Moving towards Windows auth at SLAC in a new HPC cluster for LCLS (using SLURM) - end of FY (milestone: integrate Panda Prod/Anal and user analysis to this new "green field")
- Jupyter support - need to provide something, and make users aware of it, advertise as a service.
- RBT for SLAC?
 - has been requested to Paolo and Jahred

WBS 2.3.5 - CIOPS - Rob

WBS 2.3.5.1 Coordination - Rob

- NTP this week

- Next week an interesting presentation on GitOps by Ricardo at the SSLab meeting.

WBS 2.3.5.2 ADC Ops - Mark, Xin

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WBS 2.3.5.3 Analytics Infrastructure - Ilija

- This week we should have new ES nodes cabled and added to cluster. ES running smoothly. Some work with PS replays from tape.
- ML platform running smoothly

WBS 2.3.5.4 Intelligent Data Delivery - Ilija

- A lot of developments for VP service.
- Changes in Rucio concerning VP - integration deployment next week, production end of next week.
- A lot of changes in AGIS for VP. A lot of coordination with Rod, Ivan, DDM ops.
- Will be presented at next week TCB

Old Action Items

- Spring Facility meeting, co-located with OSG AHM at OU needs to be organized.

New Action Items

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