

12:30 pm Central

URL: <https://unl.zoom.us/j/183382852>

Phone: +1 669 900 6833 or +1 408 638 0968 or +1 646 876 9923

Meeting ID: 183 382 852

Operations Meeting September 6, 2019

Attendees: Jeff Dost, Marian Zvada, John Thiltges, Huijun Zhu, Brian Lin, Pascal Paschos

Apologies: Shawn McKee

Fires

Announcements

- Derek is up on Freshdesk triage next week, Marian is up the following week

Nebraska (Derek, Marian, John, Huijun)

- OASIS
 - Released new oasis-goc package and deploy on oasis hosts
 - Helped sPHENIX finalize registration at BNL and publish sphenix.opensciencegrid.org in the CVMFS
- GRACC: nothing to report
- OAT (OSG Accounting Taskforce)
 - Nothing to report this week other than support Frank's report for IRIS-HEP? Did he get everything he wanted?
 - OSGConnect dashboards review meeting took place on Aug 29th at noon CDT, feedback document available [here](#) and follow up meeting scheduled on Sep 19th 2PM CDT
- OSG services brownout during our hosting providers optimization. Small "blip" in the monitoring.
- Osg-repo: change repo updating processes from cron jobs to timed services (Huijun working on it)
- Cvmfs-repo: change cvmfs-data-update from auto-restarting services to timed services (Huijun working on it)
- Hcc-cvmfs-repo: Updated repo configurations and made them consistent. Spurred by freshdesk ticket from DaveD. Only need to confirm it's working now. (John completed)
- Xrootd-monitoring-collector updated with CMS requested features. Watching carefully, because updated on a friday!
- Check-mk monitoring:

https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fdashboard.py

- New Goal: Add more hosts every week. This week:
 - Working with Chicago team to add more hosts to check_mk at UNL site
 - Agent download link: https://hcc-mon.unl.edu/osgmon/check_mk/agents/
- Updating availability report format to match SLA descriptions
- Contact list for OSG hosted services:
<https://docs.google.com/spreadsheets/d/1F98uwkoylg7vdbqq2ml7gXx9ijVNVMI23AdLXBqO5B4/edit?usp=sharing>

I'm updating the configuration in check_mk to add contacts to services according to the spreadsheet, so you may get emails regarding host issues. If you have any concerns or comments to the emails, please contact huijun.zhu@unl.edu, or update the above spreadsheet. We can discuss:

- Which services should be included in the email
- What are reasonable thresholds to mark a service as WARN/CRIT.
- How soon should an issue be reported, immediately or some time later (currently there is a 5 minute delay, if the issue resolved within 5 minutes, no email sent.)

Madison (Brian Lin, Mat Selmecci)

- We've been noticing Kibana "slowness" - do we monitor load or anything like that?
- Do we have a container or RPM for redirector.osgstorage.org
- JIRA: need to convert OPS to "old-style" project for publicly viewable tickets

Chicago (Pascal)

- Syncing the osg repositories every half hour. Is this necessary? We are currently running all syncs every 6 hours. We're trying to understand why 30 minutes makes sense.
- There were some Stash issues yesterday but these were fixed as of this morning. Ceph set the filesystem as readonly. Admins (judith) restarted the metadata daemons.

Michigan (Shawn)

- **One item to note:** Data flow stopped? (guess this is a "fire"!)
[https://atlas-kibana.mwt2.org/s/networking/app/kibana#/visualize/edit/58bf3e80-18d1-11e8-8f2f-ab6704660c79?_g=\(refreshInterval:\(pause:!t,value:0\),time:\(from:now-4h,mode:quick,to:now\)\)&_a=\(filters:!\(\),linked:!f,query:\(language:luene,query:\(match_all:\(\)\)\)\),uiState](https://atlas-kibana.mwt2.org/s/networking/app/kibana#/visualize/edit/58bf3e80-18d1-11e8-8f2f-ab6704660c79?_g=(refreshInterval:(pause:!t,value:0),time:(from:now-4h,mode:quick,to:now))&_a=(filters:!(),linked:!f,query:(language:luene,query:(match_all:()))),uiState)

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:(.vis:(aggs:!(.params:(expression:'es(index%3D!ps_owd!'.%20q%3D!*!').label(!'OWD!').%0A.es(index%3D!ps_throughput!'.%20q%3D!*!').label(!'throughput!').yaxis(2).%0A.es(index%3D!ps_meta!'.%20q%3D!*!').label(!'metadata!').yaxis(2).%0A.es(index%3D!ps_status!'.%20q%3D!*!').label(!'status!').yaxis(2).%0A.es(index%3D!ps_trace!'.%20q%3D!*!').label(!'traceroute!').%0A.es(index%3D!ps_packet_loss!'.%20q%3D!*!').label(!'packet%20loss!').%0A.es(index%3D!ps_retransmits!'.%20q%3D!*!').label(!'retransmits!').yaxis(2).interval:auto.type:timelion).title:'PerfSONAR%20ingest'.type:timelion))
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- Received two emails from the Grafana monitoring.
- VMs at Michigan seem OK
https://psetf.opensciencegrid.org/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fview.py%3Fview_name%3Daggr_all
- Missing data from OWD, packet loss and traceroute. BW data is there.
- There has been missing data from a few different outages. The attempt to re-read the data didn't completely work. Work with Derek (some time) to create separate data-recovery container, configured to grab single time window of data? **Still to do!!**
- Need to add additional perfSONAR RabbitMQ bus topics: **ps_meta** and **ps_status** to tape archiving at FNAL. (in Trello) **Any update?**
- Still waiting for updates from the perfSONAR team (Andy Lake, Mark Feit) to try to get the data being published on the RabbitMQ bus to match the way we publish via ps-collector. Once there is something ready, we need to implement and test (in Trello). Yesterday's perfSONAR developer meeting (August 22, 2019) was dedicated to this. Plan it to have the perfSONAR toolkit RabbitMQ push a superset of the data we gather via "pull". Next perfSONAR dev meeting on Sept 5, 2019 will also focus on this topic again.

UCSD (Jeff, Edgar, Marco)

GWMS Factory

- New ITB OSG factory is up, gfactory-itb-1.opensciencegrid.org
 - Registering new frontends on request (FIFE in progress)
- Need to provide rules for check_mk custom factory check from gfactory-2.opensciencegrid.org (send it to operations@ mailing list)

Hosted CEs

Institution - Cluster	Status	Last running	Open Freshdesk Tx
Wayne State University	Running		
Florida State University	Running		
Georgia State University	Running		

LIGO India Site (Inter-University Centre for Astronomy and Astrophysics (IUCAA) Pune, INDIA)	No (squid)	November 28, 2018	https://support.opensciencegrid.org/helpdesk/tickets/7335
TACC	Running		
University of Utah - Lonepeak	Running		https://support.opensciencegrid.org/a/tickets/27539
PSC	Running		
University of Utah - Kingspeak	Running		https://support.opensciencegrid.org/a/tickets/27539
University of Utah - Ember	Running		https://support.opensciencegrid.org/a/tickets/27539
NMSU - Discovery	Running		
USF	Running		https://support.opensciencegrid.org/a/tickets/27904
ASU	Running		
NMSU - Aggie Grid	Running		https://support.opensciencegrid.org/a/tickets/27084
American Museum of Natural History	Running		
LSU - SuperMIC	Running		
UMD	No (batch idle pilots)	7/1/2019	https://support.opensciencegrid.org/a/tickets/8516
University of Utah - Notchpeak	No (disabled)	8/27/2019	
LSU - qb2	Running		
UConn - gridca	Running		

- Added UConn - gridca to the production CEs, it has been running without issue
- USF
 - Issues resolved, running normally again
 - <https://support.opensciencegrid.org/a/tickets/27904>
- NMSU Aggie
 - Converted to whole node. Site added more capacity.
- UTAH CEs - SSH is timing out, opened ticket

- <https://support.opensciencegrid.org/a/tickets/27539>
 - Three out the four CE working now. Notchpeak: admin has not enabled it (yet)
- UMD - Pilots are stuck idle on the CE / going held
 - Pinged site admins, local batch condor might need to be restarted
 - Site may have decided to replace hosted with their own CE (need to double check)
- LIGO India Site
 - Ongoing discussion with Admin, escalated to Ligo team
 - Will send email out next week, Edgar, FKW, Pascal, Peter
- Setting up 2 new CES; 1 UConn CEs, Puebla (Mexico)
 - For UMD will install PRP kubernetes managed CE at UMD in parallel (Igor will help with setup); this may be canceled as site may have moved to hosting their own CE
 - UConn CE works but one has pilots failing due to cvmfs issues; debugging in progress
- Working out details with University Alabama as candidate for a new Hosted CE (postponed until Sept)

Mats

1. Will not be able to attend these calls most weeks, but UChicago should cover most issues
2. flock.opensciencegrid.org has been upgraded to EL7 (thank you UChicago!)
3. Is now running HTCondor 8.9.3 so we can explore TOKEN auth
4. Joining new ITB factory for improved testing

AOB