

1:00 pm Central

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

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Meeting ID: 183 382 852

Operations Meeting June 3, 2019

Attendees: Jeff Dost, Derek Weitzel, David Manglano, Huijun Zhu, Brian Lin, John Thiltges

Apologies:

Fires

Announcements

- Jeff is up on Freshdesk triage this week, David next week

Nebraska (Derek, Marian, John, Huijun)

- 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: (just making it up)
 - OSG Gfactory
 - All glideinwms frontends at UCSD
 - Agent download link: https://hcc-mon.unl.edu/osgmon/check_mk/agents/
- (Not done) Check_mk tool for hosted-ce's in progress
 - Need to discuss if it is useful.
 - Derek will write email to start conversation
- Accounting audit is done for the OSG. Still some followup on the WLCG side.
- GRACC cert replacement is coming, need to update with stakeholders (backups and APEL)
 - Cert for backups replaced
 - Cert For APEL in next day or two
- New cvmfs2 host in rack ready to install, replacement of oasis-replica-itb (Marian will work on it with Dave Dykstra who is EU zone this week as well)
- 4 new CVMFS repositories to OASIS for VO Fermilab to be added (<https://support.opensciencegrid.org/a/tickets/10087>)
- New Data source for LIGO. Non-restricted data going to be hosted along with the gwosc repo. Hopefully just a config change. The data isn't ready on the LIGO side.
 - <https://github.com/lscsoft/osg-lvc/issues/25>
- (DONE) New scitokens CVMFS repo for scitokens enabled stashcache.
- Failure at UC ES caused missing perfsonar data. Replayed from tape.

Madison (Brian Lin, Mat Selmecci)

- Software provided a script for managing WN software/data from the CE; waiting on testing from Operations
- TimT will be sending a reminder to users with soon-to-expire OSG CA host certs
- Cleaned up stale topology contacts (went from 3k -> 300)
- Suchandra is still listed as contact for some UChicago and Hosted CE resources:
https://github.com/opensciencegrid/topology/search?q=suchandra+thapa&unscoped_q=suchandra+thapa
- Investigating why whole node pilots aren't matching in the backend HTCondor cluster at Syracuse
- We're changing the GLOW VO frontend certs, consolidating the host, pilot, and frontend certs to a single host cert. Email sent to factory ops.
- Some registered Stash caches still missing DNS:
<https://opensciencegrid.atlassian.net/browse/SOFTWARE-3696>

Chicago (David)

- David: Nothing to report.
- ElasticSearch via Derek: Last week the ElasticSearch got maliciously wiped, backup replayed to two days before the wipe; the PerfSonar data replayed from tape, some data was not available; from tape, everything's restored.
- Brian Lin: Topology contacts need to be updated for the Hosted CEs and other UChicago instances.

Michigan (Shawn)

- Here is the UC perfSONAR "ingest" rates by topic for the last 30 days at
[http://atlas-kibana.mwt2.org:5601/app/kibana#/visualize/edit/58bf3e80-18d1-11e8-8f2f-ab6704660c79?_g=\(refreshInterval:\(pause:!t,value:0\),time:\(from:now-60d,mode:quick,to:now\)\)&_a=\(filters:!\(\),linked:!f,query:\(language:luene,query:\(match_all:\(\)\)\),uiState:\(\),vis:\(agg:!\(\),params:\(expression:'.es\(index%3D!ps_owd!','%20q%3D!*!'\).label\(!'OWD!','%20.es\(index%3D!ps_throughput!','%20q%3D!*!'\).label\(!'throughput!'\).yaxis\(2\),%20.es\(index%3D!ps_meta!','%20q%3D!*!'\).label\(!'metadata!'\).yaxis\(2\),%20.es\(index%3D!ps_status!','%20q%3D!*!'\).label\(!'status!'\).yaxis\(2\),%20.es\(index%3D!ps_trace!','%20q%3D!*!'\).label\(!'traceroute!'\),%20.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\)\)](http://atlas-kibana.mwt2.org:5601/app/kibana#/visualize/edit/58bf3e80-18d1-11e8-8f2f-ab6704660c79?_g=(refreshInterval:(pause:!t,value:0),time:(from:now-60d,mode:quick,to:now))&_a=(filters:!(),linked:!f,query:(language:luene,query:(match_all:())),uiState:(),vis:(agg:!(),params:(expression:'.es(index%3D!ps_owd!','%20q%3D!*!').label(!'OWD!','%20.es(index%3D!ps_throughput!','%20q%3D!*!').label(!'throughput!').yaxis(2),%20.es(index%3D!ps_meta!','%20q%3D!*!').label(!'metadata!').yaxis(2),%20.es(index%3D!ps_status!','%20q%3D!*!').label(!'status!').yaxis(2),%20.es(index%3D!ps_trace!','%20q%3D!*!').label(!'traceroute!'),%20.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)))
 - There is still missing data. The attempt to re-read the data didn't work. Unsure why it failed or if we can recover the data. In principle, the data should still be available on most toolkits. *Action item* try a targeted test to re-read for one

instance (Not done yet. **Work with Derek this week?? Goal is to create separate data-recovery container, configured to grab single time window of data)**

- Unsure about the Grafana monitoring results which still shows problems for nominally working/robust nodes (like CERN)
<https://gracc.opensciencegrid.org/dashboard/db/perfsonar-collector?orgId=1>
 - Number of iterations graph (scroll down) is not completely understood
 - Number of failed iterations is larger than expected for “good” nodes
 - Found that failed iterations were not matched by errors in the logs. Derek exploring?
- New check_mk monitoring includes the network related hosts (that still need some tweaking ; **work with Huijun / John on this via email and/or VC?**) :
https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fview.py%3Fview_name%3Dallhosts
 - Shawn now has admin access to the 4 AGLT2 OSG networking VMs but not the hcc-pscollector[2] systems
 - Would be nice to move ALL vms out of main.mk and into WATO to allow ease-of-configuration, management.
 - Still need to add additional monitoring to find problems
- Presented at the perfSONAR developers face-to-face meeting. Presentation is at:
<https://drive.google.com/open?id=1-7aVh-amNKq11CGd8LVLdisUBbwvu-4>
 - Outcome was opening three enhancement requests
 - <https://github.com/perfsonar/project/issues/1229>
 - <https://github.com/perfsonar/project/issues/1230>
 - <https://github.com/perfsonar/project/issues/1231>

UCSD (Jeff, Edgar, Marco)

GWMS Factory

- gfactory-2.opensciencegrid.org has been in production for a week without issues
 - All remaining frontends have been registered

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		
PSC	Running		
University of Utah - Kingspeak	Running		
University of Utah - Ember	Running		
NMSU - Discovery	Running		
USF	Running		
ASU	Running		
NMSU - Aggie Grid	No (squid)	3/16/2019	https://support.opensciencegrid.org/a/tickets/8490
American Museum of Natural History	Running		
LSU - SuperMIC	Running		
UMD	Running		
University of Utah - Notchpeak	No (investigating)	6/2/2019	
LSU - qb2	Running		

- UTAH CEs scratch disk issues are resolved:
 - <https://support.opensciencegrid.org/a/tickets/8307>
- LSU - qb2 updated vo-client to fix held pilots
- LIGO India Site
 - Ongoing discussion with Admin, escalated to Ligo team
- NMSU Aggie
 - Need to ping admin about status update
- Setting up 3 new CES; 2 UConn CEs, Puebla (Mexico)
 - For UMD will install PRP kubernetes managed CE at UMD in parallel (Igor will help with setup)
 - UConn require special setting at the batch submission side to work, may need software team assistance

Mats

AOB