

1:00 pm Central

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

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Meeting ID: 183 382 852

Operations Meeting May 13, 2019

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

Apologies:

Fires

- Syracuse has seen pilots from all VOs go to zero over the last 24 hours (resolved last week)

Announcements

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

Nebraska (Derek, Marian, John, Huijun)

- Investigation of normalization factors set for the sites in regard of APEL-GRACC accounting, email subject "List of sites with APEL Normalization not set, or set to 0" (Remaining Freshdesk ticket: 8603 (Caltech))
- Switched gracc-osg-reports to use gracc-support@opensciencegrid.org, previously @listserv.unl.edu (@Jeff, if you want to be subscribed to that list let us know)
- gracc-apel script errored to send accounting records over the weekend, our monitoring caught the issue and sent alarms, turned out to be temporary problem on APEL broker side - all recovered later on Sunday afternoon
- Check_mk tool for hosted-ce's in progress
 - Add Marco and Jeff
- Switch the OSG monitoring instance over to CILogon authentication and upgrade OSG check_mk instance to v1.5 (Done)
 - https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fdashboard.py
 - Experimenting with OAuth login with co-manage.
- Accounting Audit is continuing in collaboration with ATLAS. Almost done.
- OSG GlideinWMS factory is sending entry statistics to GRACC
- PerfSonar data pipeline failure last week required emergency fixes to components.
 - Change in mesh description format caused different parts of the pipeline to fail in unusual ways.

Madison (Brian Lin, Mat Selmec)

- Some registered Stash caches missing DNs:
<https://opensciencegrid.atlassian.net/browse/SOFTWARE-3696>
- Topology webhook updated to require manual approval for new organizations in project registrations

Chicago (David)

- I'm on Triage this week
- Nothing to report
- Some questions about the Health Reports for Hosted-CEs. Judith says she works with Marco on these.
- Please do not assign tickets to Lincoln & Judith, assign them to me or Pascal and we will track them. Thanks.

Michigan (Shawn)

- Changes were made to psconfig.opensciencegrid.org (applied two patches from the perfSONAR developers) which had impact on other services which rely upon psconfig. The default format for some output data changed from the old (deprecated) “meshconfig” format to the new “psconfig” format.
 - psmad.opensciencegrid.org (MaDDash) (maddash gets the meshes to display and the host details from it)
 - Each perfSONAR toolkit (each toolkit gets its testing config from it)
 - perfsonar-collector.opensciencegrid.org (the collector)
 - psetf.opensciencegrid.org (ETF instance for perfSONAR)
 - The pscollectors (hcc-pscollectors (backup) and hcc-pscollectors2 (prod)) use it as well
- See the impact by looking at 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-a66704660c79?_g=\(refreshInterval:\(pause:!f,value:60000\),time:\(from:now-30d,mode:quick,to:now\)\)&_a=\(filters:!\(\),linked:!f,query:\(language:luce,query:\(match_all:\(\)\)\),uiState:\(\),vis:\(aggs:!\(\(\),params:\(expression:'es\(index%3D!ps_owd!','%20q%3D!*!'\).label\('OWD!'\),%20es\(index%3D!ps_throughput!','%20q%3D!*!'\).label\('throughput!'\).yaxis\(2\),%20es\(index%3D!ps_meta!','%20q%3D!*!'\).label\('metadata!'\).yaxis\(2\),%20es\(index%3D!ps_status!','%20q%3D!*!'\).label\('status!'\).yaxis\(2\),%20es\(index%3D!ps_trace!','%20q%3D!*!'\).label\('traceroute!'\),%20es\(index%3D!ps_packet_loss!','%20q%3D!*!'\).label\('packet%20loss!'\),%20A.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-a66704660c79?_g=(refreshInterval:(pause:!f,value:60000),time:(from:now-30d,mode:quick,to:now))&_a=(filters:!(),linked:!f,query:(language:luce,query:(match_all:())),uiState:(),vis:(aggs:!((),params:(expression:'es(index%3D!ps_owd!','%20q%3D!*!').label('OWD!'),%20es(index%3D!ps_throughput!','%20q%3D!*!').label('throughput!').yaxis(2),%20es(index%3D!ps_meta!','%20q%3D!*!').label('metadata!').yaxis(2),%20es(index%3D!ps_status!','%20q%3D!*!').label('status!').yaxis(2),%20es(index%3D!ps_trace!','%20q%3D!*!').label('traceroute!'),%20es(index%3D!ps_packet_loss!','%20q%3D!*!').label('packet%20loss!'),%20A.es(index%3D!ps_retransmits!','%20q%3D!*!').label('retransmits!').yaxis(2),interval:auto,type:timelion),title:'PerfSONAR%20ingest',type:timelion)))

- Derek fixed the collectors (clients of the bus) and the perfsonar-collector (which feeds the bus).
- There is 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
- The new data ingest rate is less than it was before the updates. Maybe related to issues noted below?
- Some issues with SSL connections and certificate verification (Derek fixed at least some of this)
- 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
 - Needs some deep debugging...
- New check_mk monitoring includes the network related hosts:
https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fview.py%3Fview_name%3Dallhosts

UCSD (Jeff, Edgar, Marco)

GWMS Factory

- Pinged Terrence to make sure we're on the same page for registering the hostname A record directly as gfactory-2.opensciencegrid.org

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/ticket/s/7335
TACC	Running		
NDSU	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.opensciencesgrid.org/a/tickets/8490
American Museum of Natural History	Running		
LSU	Running		
UMD	Running		

- Hypervisor issues resolved
- Updated vo client over CEs that didn't accept new flock pilot cert
- AMNH hostcert expired, Judith puppetized hostcert management
 - some initial issues due to puppet configuration hostcert symlinks that got resolved
 - some CEs broke (< 24h before it was resolved)
- UMD is now in production
- Wayne State University
 - More fine tuning done for querying PBSPro
 - Increased limit to 20 running pilots
 - Functioning for flock, other VOs going held, need to check with admins to see if they want to accept non-osg VOs
- LIGO India Site
 - Ongoing discussion with Admin, escalated to Ligo team
- NMSU Aggie
 - Need to ping admin about status update
- Setting up 5 new CES; another Utah CE, 2 UConn CEs, Puebla (Mexico), LSU installations in progress
 - 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
 - Finalizing Utah

Mats

AOB