

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 (password required)

Operations Meeting October 9, 2020

Attendees: Jeff D, Derek, Brian L, Huijun, John

Apologies: Eric

Fires

Announcements

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

COVID-19 Research Support

- Factory ops is creating special entries as site requests come in; considered high priority
 - Freshdesk filters are set to automatically CC factory ops for subjects like “Requesting COVID-19 pilots”
 - 45 entries created so far
 - 1 new entry created, OU_OCHEP
- Accounting:
 - <https://gracc.opensciencegrid.org/d/000000133/covid-19-research?orgId=1>

Nebraska (Derek, Marian, John, Huijun, Eric)

- GRACC2
 - **DONE:** Remove old gracc nodes for good and free up space in CEPH@HCC.
 - **DONE:** Work on the report about the transition for AC, preparation document [here](#).
 - **PLAN:** by the end of month rolling upgrade of GRACC2 to ES v7.9.2 (current production), running v7.8.2 atm.
 - **IN PROGRESS:** Working on gracc summarizer service migration to Kubernetes
 - **IN PROGRESS:** [New document](#) established as placeholder for GRACC installation instructions from scratch and upgrade of existing cluster, it includes also additional action items that came up as issues after the upgrade and reboot of the whole cluster
- OASIS
 - **DONE:** updated config-osg repo to get in sync between OSG and default branch, more details in the PR [here](#).

- spin up a osg-notify node for ops in Anvil, Jeff will create Ops jira ticket - subtask under OPS-10 assign to Marian
- ITB issues, seems software related
 - CVMFS update process stalls, and cron keeps starting more update jobs, bogging down the server
 - The issue seems to be related to rsyslog
 - The most recent occurrence happened after a power failure at Nebraska (Schorr), disrupting the central rsyslog collector
 - The ITB server didn't spool syslog entries to local disk as expected, and syslog calls stalled
 - Multiple issues in play:
 - CVMFS update cronjob starting up too many processes
 - Local rsyslog not spooling to disk as expected
 - Remote rsyslog not responding
- **DONE:** cvmfs-repo:
 - Jlab.osgstorage.org repo created on both oasis and hcc-cvmfs-repo, currently only test files.
- XCache:
 - **DONE:** OSG Redirectors are now running TLS. All XRootD 5.0+ clients required.
- Check-mk monitoring:
 - https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fdashboard.py
 - Moving check-mk from hcc-mon.unl.edu to hcc-mon2.unl.edu
 - Both sites are running but notifications are still from hcc-mon
 - <https://hcc-mon2.unl.edu/osgmon>
 - Need to allow hcc-mon2.unl.edu to port 6556:
 - All hosted-ces
 - flock.opensciencegrid.org
 - login04.osgconnect.net
 - login05.osgconnect.net
 - login.duke.ci-connect.net
 - psconfig.opensciencegrid.org
 - psetf.opensciencegrid.org
 - psmad.opensciencegrid.org
 - psrsv.opensciencegrid.org
 - stash-xrd2.osgconnect.net
 - stash-xrd.osgconnect.net
 - Stashcache.grid.uchicago.edu
 - Xd-login.opensciencegrid.org
 - New auth using CoManage
 - Agent download link: https://hcc-mon2.unl.edu/osgmon/check_mk/agents/
 - September availability report was sent out on Oct. 1 from hcc-mon2.unl.edu
 - Contact list for OSG hosted services:
 - <https://docs.google.com/spreadsheets/d/1F98uwkoylg7vdbqq2ml7gXx9ijVNVMI23AdLXBqO5B4/edit?usp=sharing>

Madison (Brian Lin, Jeff Peterson)

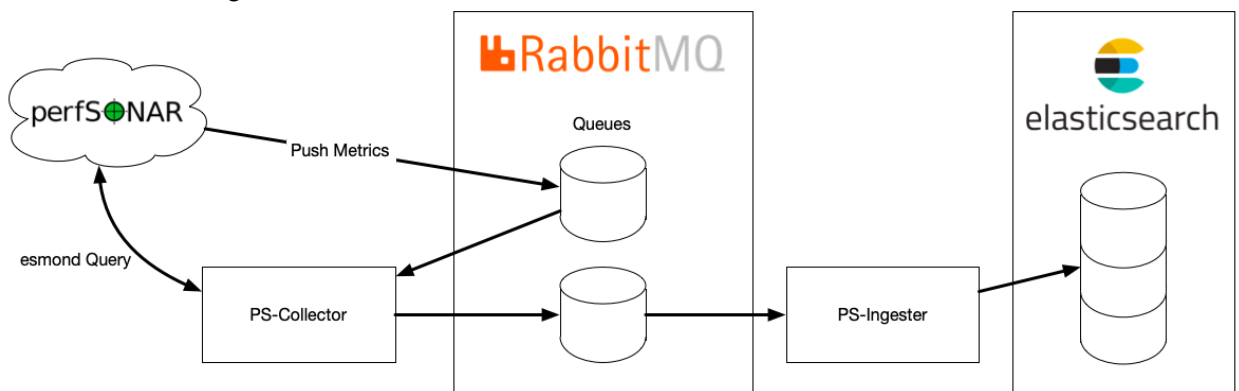
- Are there Jira tickets for
 - CEDAR Topology registration fix
 - Hosted CE checklist for new operators
- Proposal for dropping the majority of packages in the 'devops' repo:
<https://opensciencegrid.atlassian.net/browse/SOFTWARE-4289>
- Standing Hosted CE issues
 - GSU ACORE bad host key: fixed in fresh, can promote to stable once we have the sha256 image ID
 - Frontera: investigating failure to determine the host key

Chicago (Pascal)

- Uchicago team is working wt Brian, Marco and Jeff with the HostedCEs on River
- Also there is a PTR out for the new HostedCEs
- Do subgroups(subprojects) need to also be defined explicitly in OSG topology? Any special consideration for those?
- Q for Brian...

Michigan (Shawn)

- **Update on milestone:** Status: PWA in ITB instance is working. Thanks to work from the PWA/perfSONAR developers and John to enable passing both IPv4/IPv6 through into the PWA containers so we can make an authorization decision regarding sending JWT tokens when the requestor is asking for their own config. Shawn added psum02 (throughput) to the testbed config (which originally had only the psum01(latency) node). Derek confirmed lots of data was getting thru, however, with Derek out for a few days, we disabled writing out data



- **PRP use-case dashboard:** Have a meeting later today to discuss
- Soundar is still working on the ESnet snmp data ingest. Still problems being debugged.

UCSD (Jeff, Edgar, Marco)

Caches

- Most caches are now in XRootD5 except for PIC:
 - https://docs.google.com/document/d/1UxFirGn1msp3qsXgP5J8G-0wg6pejJpmjw_7aUQTLo/edit?usp=sharing

Frontends

- Pilot 8.9.9 installed on LIGO-iTB

GWMS Factory

- Upgraded ITB to GlideinWMS 3.7.1 (OSG 3.5, HTCondor 8.8.10)
 - **NOTE** this drops CREAM support
- Production factory upgraded to OSG 3.5 and HTCondor 8.8.10, dropping CREAM support
 - Still waiting on 3.7.1 gwms release
- Setting up whole node entries for UCSD
- Request from Edgar to Factory ops -> keep tarballs in sync with OSG production condor versions (for prod releases e.g. 8.8) and OSG upcoming with dev releases (8.9) for the respective 8.8.x, 8.9.x versions
 - Contacted all admins, updated tarballs to the latest
- 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	SLATE status
AMNH - ARES	Running			done
AMNH - HEL	Running			done
ASU	Running		https://support.opensciencegrid.org/a/tickets/63877	done
Clarkson - ACRES	Running			done
Florida State University	Running			done

Georgia State University	Running			In progress
LSU - SuperMIC	Running			postponed
LSU - qb2	Running			postponed
NewJersey	Running			done
NotreDame - gpu	Running		https://support.opensciencegrid.org/a/tickets/64810	done
NMSU - Aggie Grid	Running		https://opensciencegrid.freshdesk.com/a/tickets/64891	N/A
NMSU - Discovery	Running		https://support.opensciencegrid.org/a/tickets/64370 https://opensciencegrid.freshdesk.com/a/tickets/64552	N/A
PSC	Running			done
SDSU - Comet	Running			done
TACC	Running			postponed
UConn - cedar	Running			done
UConn - xanadu	No (squid)	1/17/2019	https://support.opensciencegrid.org/a/tickets/64789	postponed
UMD	Running	7/1/2019	https://support.opensciencegrid.org/a/tickets/8516	In progress
University of Utah - Ember	No (downtime)	9/13/2019	https://support.opensciencegrid.org/a/tickets/27539	N/A
University of Utah - Lonepeak	Running		https://support.opensciencegrid.org/a/tickets/27539	N/A
University of Utah - Kingspeak	Running		https://support.opensciencegrid.org/a/tickets/27539	N/A
University of Utah - Notchpeak	Running		https://support.opensciencegrid.org/a/tickets/27539	N/A
USF	Running		https://support.opensciencegrid.org/a/tickets/27539	postponed

			kets/27904	
UW Milwaukee	Running		https://support.opensciencegrid.org/a/tickets/63060	done
Wayne State University	Running			In progress

News:

- No Hosted CE news
- Transition news:
 - 8 completed since Aug 14 (10 total out of 18):
 - AMNH - HEL
 - FSU
 - Notre Dame (GPU)
 - PSC - Bridges
 - SDSC - Comet
 - TCNJ
 - UConn - Cedar
 - UWM - NEMO
 - 3 in progress, 5 postponed
 - 3 CEs are blocked because their headnodes are rhel6, requested to upgrade them, we may worry about them after Sept 1 no reason to still support rhel6 in SLATE
 - USF postponed - can't upgrade headnode until Nov
 - UConn Xanadu postponed - it's a bespoke CE with special setup, currently the batch system is blocking all scp, will need special attention after the transition
 - TACC postponed - special config needed on CE side
 - GSU has a non-standard ssh port, testing Brian L's fix, site needs whitelisting river IP space
- 4 new CEs in the works: AMNH-Mendel (Jeff), UCI (Edgar), SDSC Expanse (Edgar), TACC Frontier (Marco)
- AMNH - HEL
 - "Failed to load file 'description.k5m75z.cfg' from 'http://gfactory-2.opensciencegrid.org/factory/stage' using proxy 'osg-new-york-stashcache.nrp.internet2.edu:9002'. curl: (7) Failed to connect to 2001:468:2808::2: Network is unreachable"
 - <https://opensciencegrid.freshdesk.com/a/tickets/64790>
- UConn xanadu frontend validation scripts not finding singularity conversation is ongoing:
 - <https://support.opensciencegrid.org/a/tickets/64789>
- NMSU - Aggie:
 - Still have to add COVID-19 route (covid routing doesn't work as described in the instructions for hosted ces for condor to condor, see ND above):
 - <https://support.opensciencegrid.org/a/tickets/64804>

- Only needed if they want special prioritization in batch / proper condor accounting
- NewJersey, WSU
 - GPU entry jobs are not matching
(http://gfactory-2.opensciencegrid.org/factory/monitor/factoryStatus.html?entry=OSG_US_NEWJERSEY_ELSA-gpu). Need to follow up.
 - <https://opensciencegrid.freshdesk.com/a/tickets/30128>
- UMD
 - Site still wants a hosted CE, but want special mappings to give their users higher prio relative to CMS
 - We have agreed on osg04 for CMS and osg20 for the special user, but we're waiting on multi user support from OSG Software before proceeding (not urgent)
 - Not fully ready yet in SLATE

Old items:

- NMSU - Discovery updated to accept covid-19 pilots
 - Still have to reinstall to fix bosco cleanup issues:
 - <https://support.opensciencegrid.org/a/tickets/64370>
- 3 of the 4 Utah hosted CEs out of downtime now that they are managed by slate:
 - Lonepeak, Kingspeak, Notchpeak
 - Ember is still down (q for Brian L - do we have a slate instance for it?)
 - Brian will follow up with Mitchell, Marco and JEff will also contact admins (Utah contacts are in topology)
- Puebla (Mexico) CE work has stalled (lack of effort at site)
- Working out details with University Alabama as candidate for a new Hosted CE (postponed until Nov)
- Next candidate to migrate to git management is AMNH

AOB