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 September 25, 2020

Attendees: Brian, John, Jeff, Marian, Edgar, Huijun
Apologies:

Fires

Announcements

- Derek is up on Freshdesk triage next week, Jeff 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:** Work on the report about the transition for AC, preparation document here.
    - **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
    - **IN PROGRESS**: disabled from puppet next three nodes gracc-data{1,2,3} and shutdown ES service, will free up more space beginning of next week
    - LHCb: Sent data to WLCG. Not sure where it will show up?
    - Belle2: Xin from BNL contacted us about belle2 not showing up in WLCG accounting. Will contact WLCG.

- OASIS
    - 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 upgraded and running XRootD 5
- 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/
    - August availability report was sent out on Sep. 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, Mat Selmeci)

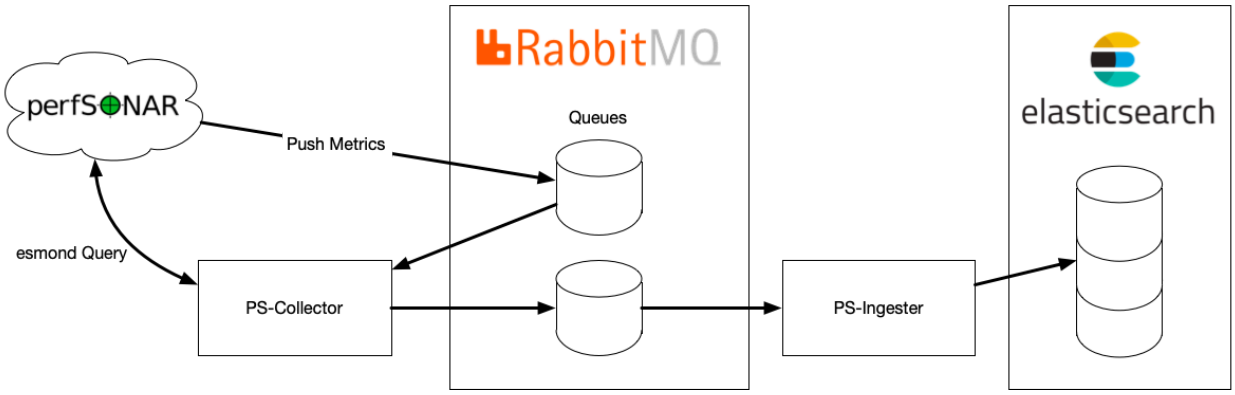
- Failure to clone GitHub hosted-ce-config repo is because the bosco.key has been uploaded as an access key to GitHub somewhere
  - **Did we replace the private key?**
- Need a Hosted CE checklist for new operators

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

- I2 Houston Cache is up and I2 Kansas City node is working (the NIC was changed).
- Cardiff node is now up.

Frontends

- UCLHC has been moved to kubernetes and EIC is a subgroup in the JLab frontend is up and running

GWMS Factory

- Upgraded ITB to GlideinWMS 3.7 (OSG 3.5, HTCondor 8.8.10)
    - **NOTE** this drops CREAM support
- Upgrading Production factory to OSG 3.5 and HTCondor 8.8.10 next Mon Sep 28, dropping CREAM support
    - Still waiting on 3.7 gwms release
- Edgar to meet with Richard Jones, Pascal, and Rob G to discuss adding support for missing GLUEX sites Monday Sep 21
- 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	Runnng			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/27904	postponed
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