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 December 20, 2019

Attendees: Jeff Dost, Brian Lin, Huijun Zhu, John Thiltges, Derek Weitzel, Marian Zvada, Pascal Paschos, Shawn McKee, Eric Zhang, Edgar Fajardo
Apologies:

Fires

Announcements

- Jeff on triage next week (not 24, 25), Marian is on Jan 2, 3
- Will have meeting Dec 27, Jan 3, for those who want to join

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

- OASIS
  - Converted hosts from OSG34 to OSG35
  - New request to add EIC (Freshdesk#63887), unclear whether this should to under BNL or should be new VO in the topology?
- XCache:
  - getting new caches in progress (Houston, Sunnyvale, Prague)
  - new developments in progress, mostly for data integrity
- GRACC
  - Ongoing migration of reindex old GRACC to new ES cluster (GRACC2), cleaned up lot of old condor data from gracc and decided not moving perfsonar data as they will be restored from tape anyway. Currently, about 0.8/10TB transferred.
  - GRACC FE dashboard overhaul in progress, we also have dev/ instance (https://gracc.opensciencegrid.org/dev/) which lot of other useful dashboards operators, we will create dev instance also on the new GRACC2 FE
  - Message bus was under big load, cpu/mem high utilization, should be fixed now
- OAT (OSG Accounting Taskforce)
  - No news
- Anvil: Upgrading underlying filesystem, no interruptions expected.
- Check-mk monitoring:
  https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fdashboard.py

- - New auth using CoManage
  - New Goal: Add more hosts every week. This week:
    - Agent download link: https://hcc-mon.unl.edu/osgmon/check_mk/agents/
  - Contact list for OSG hosted services:
  https://docs.google.com/spreadsheets/d/1F98uwkoylg7vdbqq2ml7gXx9ijVNVMI23AdLX BqO5B4/edit?usp=sharing
- December availability report will be sent on Jan. 1
- Create collector-itb VM. Done! (John)
  Upgrade HTCondor on collector2.opensciencegrid.org. Done! (John)
- Replaying of missing perfSonar network data is in progress (John)
  - Schema decided
  - New Perfsonar records are sent to gracc2

Madison (Brian Lin, Mat Selmeci)

- Freshdesk is deprecating their API v1 (no timeline). This was being used by the Research Facilitation team to publish articles to their knowledge base. Mats and UChicago have updated our clients to use v2. We're waiting on Freshdesk to verify that we don't have any more v1 clients.
- SLATE Hosted CE
  - Software has ironed out a lot of bugs and should be able to get something into Mitchell's hands for testing today
  - Miron/Brian have asked for a slight redesign to simplify the initial configuration
  - Have Hosted CE operators created SLATE accounts yet? https://portal.slateci.io/

Chicago (Pascal)

- Stash/stash-xrd availability (commentary)
- We are entering downtime on Monday. Even though services are not expected to be intentionally interrupted we might experience some intermittent issues if we have to reboot something. During that time, we will be launching two new login nodes for osgconnect, and changing stash namespace to something else (/osgconnect) and rebuild it. An update in topology will be required for stashcache to work. Stash node will be updated to el7.
  - Motivation for changes in stash: All data in stash for osgconnect to be made public. The best course of action to create a new tree.
  - All hostnames will remain the same
- There will be a need to change a couple of lines in the tokens configuration for condor. No need to regenerate new key pairs(Derek/Lincoln)
- For cvmfs we plan to clear everything and restart. We can have a shadow copy at UNL should have any issues and need to revert.

Michigan (Shawn)

- **There has been missing data from a few different outages.** We are now planning to reply ALL data from tape. Today we have put the new "Ingestor" into production which provides some fixes to the ps_trace data and 3 new booleans (DestinationReached, CompletePath, Looping). Once the new ES instance at Nebraska is being fed by the new Ingestor we will be mostly ready to start the playback. Still need "load" sensitive tape playback (Maybe John Thiltges can provide a status update?). Once it is ready, we can delete (at UC ES) oldest month of data and play it back from tape. When it completes, do the next oldest, etc. till we catch up.
- Another q from shawn: possible plan to be able to parse the new pSConfig from the perfSONAR_collector (who? when?) [11-22 --Jeff] Since we will likely have to keep the perfSONAR_collector functional for quite a while, we need to identify someone to take on this task. We need to add the ability to parse the new 'pSConfig' format from our perfsonar-collector (which feeds the RabbitMQ bus with perfSONAR data) which currently only parses the old 'meshconfig' format. **We need to add the ability to parse the new pSConfig JSON format (who?)**
- Need to add additional perfSONAR RabbitMQ bus topics: **ps_meta** and **ps_status** to tape archiving at FNAL. (in Trello) **Any update?**
- The perfSONAR dev team is working on creating the new pscheduler RabbitMQ archiver, capable of producing a superset of the data we already "pull" onto the bus. The original plan was to have something by about ~now. However it now looks like the pS team won't have something till v4.4 (Q2 2020). Shawn, based upon feedback from the perfSONAR devs, is suggesting we move the February 2020 milestone for "pushing" data back to April 2020.

UCSD (Jeff, Edgar, Marco)

Caches

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GWMS Factory

- Updated factory to use gwms 3.6.1 singularity scripts Monday Dec 9, no issues observed
- 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

American Museum of Natural History	Running		
ASU	Running		https://support.opensciencegrid.org/a/tickets/63877
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
LSU - SuperMIC	Running		
LSU - qb2	Running		
NewJersey	Running		
NMSU - Aggie Grid	Running		
NMSU - Discovery	No (crl)		https://opensciencegrid.freshdesk.com/a/tickets/63875
PSC	Running		
TACC	Running		
UConn - gridca	Running		
UConn - xanadu	Running		
UMD	No (batch idle pilots)	7/1/2019	https://support.opensciencegrid.org/a/tickets/8516
University of Utah - Ember	No (downtime)	9/13/2019	https://support.opensciencegrid.org/a/tickets/27539
University of Utah - Lonepeak	No (downtime)	9/13/2019	https://support.opensciencegrid.org/a/tickets/27539
University of Utah - Kingspeak	No (downtime)		https://support.opensciencegrid.org/a/tickets/27539
University of Utah - Notchpeak	No (downtime)	9/13/2019	https://support.opensciencegrid.org/a/tickets/27539
USF	Running		https://support.opensciencegrid.org/a/tickets/27904

UW Milwaukee			https://support.opensciencegrid.org/a/tickets/63060
Wayne State University	Running		

News:
- NMSU - Discovery - noticed crl issues, have to re-run wn install since site reinstalled headnode
- New hosted-ce (ce32) for University of Wisconsin-Milwaukee moved to production, but still debugging network issues at site
  - https://support.opensciencegrid.org/a/tickets/63060
- PSC - reinstalled Bosco on the cluster head node. Changed xcore to 26 in the hepcloud factory to fix reporting in gracc
- WSU - reinstalled ce and added config to git repo. Updated topology with new standards
  - Pending topology pull request (merged): https://github.com/opensciencegrid/topology/pull/935
  - Changed hostname from pearc-ce2 to hosted-ce33

Old items:
- 4 Utah hosted CEs are down for maintenance
  - https://support.opensciencegrid.org/a/tickets/30238
  - Mitchell (Utah / SLATE) requested we put the VM CEs in downtime while he works on issues on the SLATE containerized CE for lonepeak
- USF is back up, keeping I/O ticket opened short term:
  - https://support.opensciencegrid.org/a/tickets/27904
- 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)
- LIGO India Site
  - In the process of decommissioning
- 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 WSU, then AMNH

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