Operations Meeting April 29, 2019

Attendees: Marian Zvada, David Manglano, Mat Selmeci, Derek Weitzel, Mats Rynge, John Thiltges, Huijun Zhu
Apologies: Jeff Dost

Fires

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Announcements

- Derek is up on Freshdesk triage this week, Jeff next week
  - David still has Freshdesk credentials so he can be returned to the queue

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))
- Reports probe about missing data working but we noticed email notifications sent to gracc-support@listserv.unl.edu are unreliable - most likely UNL filters messages due its header origin. Will request gracc-support@opensciencegrid.org mailing list hosted at FNAL and switch to it.
- Check_mk tool for hosted-ce's in progress (seems quite complicated)
- 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
- Accounting Audit is continuing in collaboration with ATLAS.
- Services report will be sent out at end of month.

Madison (Brian Lin, Mat Selmeci)

- We successfully tested AMNH submit server job submission to the OSG VO. We're working on setting up the test user's credentials and possible support for modules and /stash.

- Made decision at AC call to turn off Freshdesk phone support
- Still haven't heard back from UW DoIT about acceptable use policy for host certificates.
- We need new VOMS certificate info from the following VOs with expiring OSG CA VOMS certificates (Freshdesk tickets have been opened):
  - STAR (https://support.opensciencegrid.org/a/tickets/8364, waiting on response from Wayne)
  - GlueX (https://support.opensciencegrid.org/a/tickets/8363)
- Missing DNs for StashCache cache servers no longer prevent authfile generation, but would like to register DNs anyway
- HTCondor-CE's that have not accepted the new pilot certificate (https://gracc.opensciencegrid.org/kibana/goto/d642131aee3a2712f93f8c088d1d7aaa):
  - Osg.rc.ufl.edu
  - Gk04.swt2.uta.edu
  - Gk01.atlas-swt2.org
  - Hosted-ce21.grid.uchicago.edu
  - Its-condor-ce2.syr.edu
  - Gridgk02.racf.bnl.gov
  - Gridgk01.racf.bnl.gov
  - Gpce04.fnal.gov
  - Gpce03.fnal.gov
  - Cmsosgce-opp1.fnal.gov
  - Ce01.cmsaf.mit.edu
  - Hosted-ce23.grid.uchicago.edu

Chicago (David/Pascal/Marc?)

- Scheduled downtime next Monday on Condor
- Hostname persistence issue is still being investigated;
- Looks like anonymous read-only access of the hosted-ce should be enabled; I think we will wait on Marco to take action there.
  - Derek: Wait, depends on arguments to Python API.

Michigan (Shawn)

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UCSD (Jeff, Edgar, Marco)

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		
NDSU	Running		
University of Utah - Lonepeak	Running		
PSC	Running		
University of Utah - Kingspeak	Running		
University of Utah - Ember	Running		
NMSU - Discovery	Running		https://support.opensciencegrid.org/a/tickets/8641
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	Running		

- Marco is away on vacation Apr 29th - May 5th
- AMNH - OSG CAs were being updated in 2 different scripts, suspect possible collisions, disabled one to prevent CA update failures
- Wayne State University
  - Fixed since Wed 24th
  - CE losing track of batch pbs jobs, software team found a fix, it was due to missing arguments querying PBSPro:
    - https://opensciencegrid.atlassian.net/browse/GFACTOPS-1486
  - Still ongoing issues due to differences in condor vs osg provided bosco, waiting for osg-configure scripts to be updated to use the osg bosco
- LIGO India Site

- ○ Ongoing discussion with Admin, escalated to Ligo team
- ● TACC - had to fix job router when FNAL changed the DN of their pilot cert
- ● Utah - Lonepeak
  - ○ No longer getting auth errors, but a large number of pilots are not registering back, with cut off logs, suspect site is capping pilot jobs, not seeing more than 40 registered, we'll follow up with admins
- ● NMSU Discovery -
  - ○ Had stale pilots on queue, Marco did a condor_rm -forcex on CE side, and fresh jobs started after
  - ○ Gridmanager shows hitting process fork limits on the batch submitter side, notified admins
    - ■ https://support.opensciencegrid.org/a/tickets/8641
- ● NMSU Aggie
  - ○ Admins replied, looking into it
- ● Setting up 6 new CES; another Utah CE, UMD, 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)
  - ○ UMD non-kubernetes CE is up and running jobs but capped to 1 right now
  - ○ UConn require special setting at the batch submission side to work, may need software team assistance

Mats

AOB