

12:30 pm Central

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

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Meeting ID: 183 382 852 (password required)

## Operations Meeting May 22, 2020

**Attendees:** Jeff, Huijun, Mat, John, Marian, Shawn, Pascal

**Apologies:** Derek, Eric Zhang, Edgar

### Fires

### Announcements

- IRIS-HEP retreat next week Tues May 26-Fri May 29; registration here:
  - <https://indico.cern.ch/event/896167/>
- Marian 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"
  - 44 entries created so far
  - 2 new entries created, WILSON\_FACILITY (FNAL) regular and GPU
- Accounting:
  - <https://gracc.opensciencegrid.org/dashboard/db/covid-19-research?orgId=1>
- Open Science CE is in production, accepting ENMR DIRAC COVID-19 pilots. They're running 500 pilots as of 10:30am CST!

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

- OASIS
  - spin up a osg-notify node for ops in Anvil, Jeff will create Ops jira ticket - subtask under OPS-10 assign to Marian
  - hcc-cvmfs2.unl.edu hardware issues in maintenance mode, received spare parts from vendor to replace and test (John is working on that, not visiting server room premises every day so it may take some time until we re-seat and test)
- XCache:
- GRACC

- GRACC2 transition in progress
  - Transition website: <https://gracc-transition.herokuapp.com/> (updated hourly)
    - 100% document progress “Complete”
    - 95% data size progress “Complete”
      - Still some work to do before switch, set target for beginning of next week focus on completion of the transition to GRACC2
  - GRACC FE dashboard overhaul in progress, we also have development instance (<https://gracc.opensciencegrid.org/dev/>) with lot of other useful dashboards operators, we will create dev instance also on the new GRACC2 FE
- OAT (OSG Accounting Taskforce)
  - Listing of [OSG Reports](#)
    - Need to send and discuss with facilitation
  - Working through specialize reports with Management (Tim, Frank)
- Anvil: Upgrading underlying filesystem, no interruptions expected.
  - Progress: Updated:
    - Hcc-osg-collector-itb
    - derek-xrootd-sand
    - gracc-data52
    - gracc-data42
    - gracc-data12
    - derek-public-collector-validation
    - derek-collector-validation
    - derek-sand-display-bbot
    - Ps-new-collectors
    - hcc-osg-topology
    - hcc-osg-repo
    - xrootd-mon
    - gracc-fe1-test (terminated VM, can re-instantiate when needed)
    - gracc-data5
    - gracc-data4
    - hcc-osg-redirector1
    - osg-bot
    - HTCondor-ELK
    - Gracc-data2
    - gracc-fe1
- To be updated:
  - hcc-osg-kojldb

- derek-rpm-review
- gracc-data32
- gracc-data22
- hcc-stashcache-origin
- gracc-data3
- gracc-data1
- HTCondor-ELK
- hcc-osg-topology (old itb)
- osg-bot
- derek-stashcache-fstream
- hcc-osg-software (old itb)
- hcc-osg-collector
- hcc-osg-collector2
- hcc-pscollectors
- Jupyter-htcondor (osg?)
- Check-mk monitoring:
  - [https://hcc-mon.unl.edu/osgmon/check\\_mk/index.py?start\\_url=%2Fosgmon%2Fcheck\\_mk%2Fdashboard.py](https://hcc-mon.unl.edu/osgmon/check_mk/index.py?start_url=%2Fosgmon%2Fcheck_mk%2Fdashboard.py)
  - New auth using CoManage
  - Checks added to monitor https certs for web pages (in response to the security report)
  - Agent download link: [https://hcc-mon.unl.edu/osgmon/check\\_mk/agents/](https://hcc-mon.unl.edu/osgmon/check_mk/agents/)
  - Contact list for OSG hosted services: <https://docs.google.com/spreadsheets/d/1F98uwkoylg7vdbqq2ml7gXx9ijVNVMI23AdLXBqO5B4/edit?usp=sharing>
- April availability report sent on May 1.
- Replaying of missing perfSonar network data is in progress (John)
  - Feb 2019 replay is nearly done.

## Madison (Brian Lin, Mat Selmec)

- UW DoIT + InCommon eventually gave us the central collector cert with UNL SANs
- SLATE Hosted CEs:
  - Utah is testing deployment of new Hosted CE version with simplified config (starts with a functioning job route)
  - Spoke with Lincoln about Hosted CEs at UChicago k8s: there's an available production cluster to use but he cannot give direct k8s access.
- IRIS-HEP full team retreat next week, Mat, BrianL, CarlE all present
- GLOW VO frontends (glidein2.chtc.wisc.edu, glidein3.chtc.wisc.edu) need new certs

## Chicago (Pascal)

- Hosted17 is removed and VM is shut down. All other hostedCEs report green on nagios
- Downtime still on to implement the new firewall. June8.
- Moving collaboration data from old stash to /cephfs/osg/collab which is mapped to /osgconnect/collab namespace. For reference osg projects public directories name space is in /cephfs/osg/public. Lincoln added /collab to stash-xrd. Will be testing stashcp out it today. Will inform Derek of any issues.
- Rearranging our check\_mk service groups
- Running out of space on our openstack for osg CEs. To add more,, we will need to increase the share there. We can probably accommodate a couple of more at this point. But since there is a shift to the slate model this might not be relevant in the future

## Michigan (Shawn)

- Tape playback has slowed significantly. Still in February 2019. As noted by MarianZ and John, perhaps GRACC reindexing is the culprit?
- Dashboards still being worked on. **News:** My two undergraduates who have applied for IRIS-HEP Fellowships have received them!. Their “Network Monitoring and Analytics” projects are on use-case specific dashboard creation and development of new user interfaces for understanding network topology and problem localization.
- Soundar is still working on the ESnet snmp data ingest. Goal is still the end of May. Code will be intended to take a start date and then run continuously/iteratively to catch up for near real-time operation. Code will also sense the RabbitMQ status and back-off when things are loaded.
- **Update on milestone:** To complete our milestone of writing to the RabbitMQ bus from a significant number of perfSONAR toolkits we need to do some work. The code Andy provided needs to be integrated with our current software and tested. Then we still will need perfSONAR release 4.3 to use the central config. Implementing and testing are next steps

## UCSD (Jeff, Edgar, Marco)

### Caches

- I2 Houston Cache is still down.
- Cardiff node is now up

### Frontends

- UCLHC has been moved to kubernetes and EIC is up and running

## GWMS Factory

- Some time last week multiple COVID19 supporting sites contacted factory ops because they stopped seeing pilots
  - Condor state in event logs got corrupt due to fstrim command, causing pilots to stop submitting from entries on schedd\_glideins3
  - Clearing out the jobs with bad state fixed the issue
  - Temporarily disabled fstrim until we figure out how to run it without interfering with condor
- 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
AMNH - ARES	Running		
AMNH - HEL	Running		
ASU	Running		<a href="https://support.opensciencegrid.org/a/tickets/63877">https://support.opensciencegrid.org/a/tickets/63877</a>
Florida State University	Running		
Georgia State University	Running		
LSU - SuperMIC	Running		
LSU - qb2	Running		
NewJersey	Running		
NotreDame - gpu	Running		<a href="https://support.opensciencegrid.org/a/tickets/64810">https://support.opensciencegrid.org/a/tickets/64810</a>
NMSU - Aggie Grid	Running		<a href="https://opensciencegrid.fr/eshdesk.com/a/tickets/64891">https://opensciencegrid.fr/eshdesk.com/a/tickets/64891</a>
NMSU - Discovery	Running		<a href="https://support.opensciencegrid.org/a/tickets/64370">https://support.opensciencegrid.org/a/tickets/64370</a> <a href="https://opensciencegrid.fr/eshdesk.com/a/tickets/64370">https://opensciencegrid.fr/eshdesk.com/a/tickets/64370</a>

			<a href="#">552</a>
PSC	Running		
SDSU - Comet	Runnng		
TACC	Running		
UConn - cedar	Running		
UConn - xanadu	No (squid)	1/17/2019	<a href="https://support.opensciencegrid.org/a/tickets/64789">https://support.opensciencegrid.org/a/tickets/64789</a>
UMD	Running	7/1/2019	<a href="https://support.opensciencegrid.org/a/tickets/8516">https://support.opensciencegrid.org/a/tickets/8516</a>
University of Utah - Ember	No (downtime)	9/13/2019	<a href="https://support.opensciencegrid.org/a/tickets/27539">https://support.opensciencegrid.org/a/tickets/27539</a>
University of Utah - Lonepeak	Running		<a href="https://support.opensciencegrid.org/a/tickets/27539">https://support.opensciencegrid.org/a/tickets/27539</a>
University of Utah - Kingspeak	Running		<a href="https://support.opensciencegrid.org/a/tickets/27539">https://support.opensciencegrid.org/a/tickets/27539</a>
University of Utah - Notchpeak	Running		<a href="https://support.opensciencegrid.org/a/tickets/27539">https://support.opensciencegrid.org/a/tickets/27539</a>
USF	Running		<a href="https://support.opensciencegrid.org/a/tickets/27904">https://support.opensciencegrid.org/a/tickets/27904</a>
UW Milwaukee	Running		<a href="https://support.opensciencegrid.org/a/tickets/63060">https://support.opensciencegrid.org/a/tickets/63060</a>
Wayne State University	Running		

#### News:

- Working out details for installing new SLATE CE for Clarkson:
  - <https://support.opensciencegrid.org/a/tickets/64981>
- TCNJ
  - Stuck CRL process (update-all-remote-wn-clients) since 15th of May. Happened in the past for Comet
  - Known issue: <https://opensciencegrid.atlassian.net/browse/SOFTWARE-4081>
- NMSU - Discovery
  - Cluster head node ssh fingerprint changed. Had to remove line in known\_hosts and then do a manual ssh to accept it
- 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=O SG\\_US\\_NEWJERSEY\\_ELSA-gpu](http://gfactory-2.opensciencegrid.org/factory/monitor/factoryStatus.html?entry=O SG_US_NEWJERSEY_ELSA-gpu)). Need to follow up.
  - <https://opensciencegrid.freshdesk.com/a/tickets/30128>

#### 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)
- 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)
- 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

