

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 June 12, 2020

Attendees: Jeff, Derek, Brian, Huijun, John, Marian, Shawn, Pascal

Apologies:

Fires

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Announcements

- IMPORTANT: update osg-ca-certs (servers and clients) if you haven't already, see announcement email:
 - "AddTrust Root CA Expiration: Update Grid Certificates to IGTF 1.106 or OSG 1.88"
- SLATE tutorial tentatively planned for Monday June 15 9-11 am CDT, please let me know if you are interested in joining (or email Chris Weaver directly cnweaver@uchicago.edu)
- Marian is up on Freshdesk triage next week, Jeff is up the following week

Shawn's IRIS-HEP Fellowship Discussion

Tommy Shearer will present on his IRIS-HEP Fellowship project. The goal is to get suggestions for use-case based network dashboards. Presentation is at

https://docs.google.com/presentation/d/1_DqGJtZ5y8byeRge7vowVVOPUXevmOo-6LPHdQG9-3c/edit?usp=sharing

- Tommy's email: shearert@umich.edu
- Jeff's suggestion: custom dashboards for xrootd caches that Edgar manages could be a good starting point

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/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)

- GRACC
 - Making the transition **June 8th 15th!**
 - New website: <https://hcc-gracc.unl.edu/>
 - We put redirects to all dashboards. For example, this works:
 - <https://hcc-gracc.unl.edu/dashboard/db/covid-19-research> -> goes to new URL.
 - Transition website: <https://gracc-transition.herokuapp.com/> (updated hourly)
- 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 replaced SAS controller, system seems stable so far)
- XCache:
- 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-kojodb
 - 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
 - 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/
 - Contact list for OSG hosted services: <https://docs.google.com/spreadsheets/d/1F98uwkoylg7vdbqq2ml7gXx9ijVNVMI23AdLXBqO5B4/edit?usp=sharing>

May availability report sent on June 1.
- Replaying of missing perfSonar network data is in progress (John)
 - Mar 2019 replay is nearly done.
 - Troubleshooting issues with replay slowness. Appears to be related to ElasticSearch/Kibana tasks.

Madison (Brian Lin, Mat Selmecci)

- Topology downtime issue from last Thursday/Friday was resolved that Friday
- Hosted CE fixes for Python stacktrace are available in the latest 'stable' container
- CC* Hosted CEs:
 - Old Dominion still needs a Hosted CE
(<https://support.opensciencegrid.org/public/tickets/c52e5aa424bbbd1c619ffd548811e2ad7962637cc6b974290a795e65dccdbddb>)
 - Incoming probable Hosted CEs
 - Montana (first engagement Jun 19):
<https://support.opensciencegrid.org/public/tickets/530229da577687886b1a246395220dbb052e66d38f7b5039035eae10ecbc4c12>
 - University of Nevada (no engagement set):
<https://support.opensciencegrid.org/public/tickets/64c1d31fbc197662b7e37fad3ef37d6562301d17304eb50e2025cfe5cf2cc775>

Chicago (Pascal)

- There are some discussions with local folks to support CE `osg-sched2.pace.gatech.edu` at GATech. Will know more this evening. My understanding is that this in addition to the `ligo` one. Not sure what info the factory/ops has in regards to it
- Infrastructure meeting highlights: Old Dominion University CE, Clarkson CE on `uchicago-prod` (Jeff). I don't have details in regards to the priority for the former. For latter we believe Jeff has everything that he needs. In regards to placing CEs on the river cluster - no decision yet as far as I know.
- Geolocation of some IP addresses have been updated in Maxmind for MWT2 (`uchicago/IU`). Expect the rest soon. What can OSG do to ensure that all resources have the correct geolocation of their worker's IP addresses? Important for stashcache.
- OSG Singularity wrapper: `LD_LIBRARY_PATH` is set to
`/cvmfs/oasis.opensciencegrid.org/mis/osg-wn-client/3.4/3.4.33/el7-x86_64/lib64:/cvmfs/oasis.opensciencegrid.org/mis/osg-wn-client/3.4/3.4.33/el7-x86_64/lib:/cvmfs/oasis.opensciencegrid.org/mis/osg-wn-client/3.4/3.4.33/el7-x86_64/usr/lib64:/cvmfs/oasis.opensciencegrid.org/mis/osg-wn-client/3.4/3.4.33/el7-x86_64/usr/lib:/cvmfs/oasis.opensciencegrid.org/mis/osg-wn-client/3.4/3.4.33/el7-x86_64/usr/lib64/dcap:/cvmfs/oasis.opensciencegrid.org/mis/osg-wn-client/3.4/3.4.33/el7-x86_64/usr/lib64/lcgdm` outside Singularity. This will not be propagated to inside the container instance.

```
/bin/singularity exec --bind /cvmfs --contain --bind  
/scratch.local/condor/execute/dir_84863/glide_APJC96/execute/dir_135049:/  
srv --no-home --ipc --pid
```

```
/cvmfs/singularity.opensciencegrid.org/.images/10/88f90fe18a2b6c30fab9593
f0bb5f64ba07f047d3d987618d1a2ea5e67087e /srv/.osgvo-user-job-wrapper.sh
/srv/condor_exec.exe
Lmod has detected the following error: The following module(s) are
unknown:
"python/3.7.0"
```

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Michigan (Shawn)

- Soundar is still working on the ESnet snmp data ingest. Code being tested but not yet ready for production.
- **Update on milestone:** Need to set up a blueprint-like discussion about needed work to get to writing to our RabbitMQ prototyped. (Still TO-DO; dCache issues at AGLT2 all week!!)

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

- 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
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AMNH - ARES	Running		
AMNH - HEL	Running		
ASU	Running		https://support.opensciencegrid.org/a/tickets/63877
Florida State University	Running		
Georgia State University	Running		
LSU - SuperMIC	Running		
LSU - qb2	Running		
NewJersey	Running		
NotreDame - gpu	Running		https://support.opensciencegrid.org/a/tickets/64810
NMSU - Aggie Grid	Running		https://opensciencegrid.fr/eshdesk.com/a/tickets/64891
NMSU - Discovery	Running		https://support.opensciencegrid.org/a/tickets/64370 https://opensciencegrid.fr/eshdesk.com/a/tickets/64552
PSC	Running		
SDSU - Comet	Running		
TACC	Running		
UConn - cedar	Running		
UConn - xanadu	No (squid)	1/17/2019	https://support.opensciencegrid.org/a/tickets/64789
UMD	Running	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	Running		https://support.opensciencegrid.org/a/tickets/27539
University of Utah - Kingspeak	Running		https://support.opensciencegrid.org/a/tickets/27539

University of Utah - Notchpeak	Running		https://support.opensciencegrid.org/a/tickets/27539
USF	Running		https://support.opensciencegrid.org/a/tickets/27904
UW Milwaukee	Running		https://support.opensciencegrid.org/a/tickets/63060
Wayne State University	Running		

News:

- Installing new SLATE CE for Clarkson:
 - <https://support.opensciencegrid.org/a/tickets/64981>
 - Sorting out K8s IP issues (need to give site a range rather than single IP to whitelist)
- NMSU - Discovery
 - Configured update-all-remote-wn-clients after CRL issues (was still relying on cronjob on the headnode that was recently scratched)
- 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=MSG_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