

GridPP Ops 10/3/2020

Attending: Matt, Elena, Sam, Teng, Rob-C, Vip,Raul, JamesP, Linda Cornwall,WinnieL, Ian L, Duncan, Wenlong

Apologies: Emanuele, Gordon, Raja

Action from previous meetings.

*190618-02 Duncan - form a plan for the future of perfsonar for GridPP sites.

-Technical meeting a few weeks back

<https://indico.cern.ch/event/876065/>

Follow up around March time, any input from sites?

-PS boxes are showing up in racks, Duncan was away last week but pointed us at:

<https://opensciencegrid.org/networking/perfsonar/installation/>

Anyone got their box up and running yet?

*191008-01 David C, Plan security team F2F followed by security day

Pre-security day “enhanced” team F2F has been arranged. Probably nothing more to add until after.

*200128-01 - Matt, Figure out how to close ROD APEL tickets at sites.

Closed the tickets, will see if the old alarms re-emerge then close the action.

*200211-01 - A soft action on all - suggestions for GridPP44 topics (and a reminder to register if you’re going!).

<https://indico.cern.ch/event/886640/>

(note Dave B’s email on the meeting last week)

VO Updates

Atlas (Elena):

- **Grand Unification**

- UK cloud should start this week
 - UKI-LT2-QMUL done in January
- Issues affecting Grand Unification
- Running multiple jobs per pilot - affects pull queues
- pilot 2.4.2 mostly fixed the issue, but some pilots still fail with unhandled exception - new fix to be released

- Currently running with timefloor=60 on select large queues
- Label” field manipulation can lead to using wrong proxy - only affects HammerCloud jobs on queues in TEST, but can delay queue whitelisting
- aCT Harvester not fetching analysis jobs for some GU push queues - to be investigated
- **UKI-SCOTGRID-GLASGOW**
- ggus [145610](#) **State:**in progress **Date:**2020-02-27 12:12:00 **Info:**Downloading files from UKI-SCOTGRID-GLASGOW-CEPH_DATADISK using the default protocol (gridftp) fails
 - solved
- ggus [144759](#) **State:**on hold **Date:**2020-02-17 09:51:00 **Info:**High traffic from UKI-SCOTGRID-GLASGOW on RAL CVMFS Stratum1
- **UKI-NORTHGRID-LANCS-HEP**
- ggus [145804](#) **State:**in progress **Date:**2020-03-09 14:36:00 **Info:** BLAH error: submission command failed
 - tweaking our max user job setting has greatly reduced the number of failures of this type, but not eliminated them. I've increased the limit even further (to 6000) to see if that clears things up.
- **UKI-SOUTHGRID-SUSX**
- ggus [142329](#) **State:**on hold **Date:**2020-02-17 10:48:00 **Info:**CentOS7 migration
- **UKI-NORTHGRID-MAN-HEP**
- ggus [145971](#) **State:**in progress **Date:**2020-03-09 09:05:00 **Info:**UKI-NORTHGRID-MAN-HEP: TRANSFER Operation timed out as source
- ggus [145931](#) **State:**assigned **Date:**2020-03-07 19:03:00 **Info:**UKI-NORTHGRID-MAN-HEP: TRANSFER Operation timed out as source
- ggus [145688](#) **State:**in progress **Date:**2020-02-28 16:14:00 **Info:**Very old version of squids at UKI-NORTHGRID-MAN-HEP
- ggus [145614](#) **State:**in progress **Date:**2020-02-25 11:21:00 **Info:**UKI-NORTHGRID-MAN-HEP: timeouts on stage-out
- 3 timeout tickets for Manchester will be combined in one; Alessandra will close other two
- **RAL-LCG2**
- ggus [145510](#) **State:**in progress **Date:**2020-03-05 10:17:00 **Info:** timeouts on stage-in/outs
- **UKI-LT2-RHUL**
- ggus [145953](#) **State:**reopened **Date:**2020-03-09 20:23:00 **Info:** deletions failing with service not available error

CMS (Daniela):

All sites are green. There is a lack of production jobs being sent to sites, this is a CMS issue and sites should not be concerned.

The CMS monitoring has been updated and I have put the links in the agenda. @Matt: Could you please edit the template to include the “new” links. (There will be presumably a further update once the move from “test” in the url to production, but right now these are the numbers that matter.)

LHCb:

Ongoing issue at RAL with access to ECHO - GGUS:142350 and GGUS:143323

-- Primarily waiting for Nautilus update
-- Also may need to update configuration of xrootd proxy on the WNs
QMUL Job upload issue tracked in GGUS:145978
Sheffield failed pilots tracked in GGUS:145983

“Other” VOs:

DUNE :

Reminder:

Are changing their voms servers' (voms1.fnal.gov/voms2.fnal.gov) DNs yet again:

New: /DC=org/DC=incommon/C=US/ST=Illinois/L=Batavia/O=Fermi Research
Alliance/OU=Fermilab/CN=voms1.fnal.gov

(Old: The same, but with ST=IL, sigh.)

(Raja comment : I understand that Fermilab is developing a token based system which will come online in the next 2 years or so. After some grace period, VOMS may be turned off.)

PC - All Dune data at RDF has been copied off.

glideInWMS configuration for the different sites :

<http://gfactory-2.opensciencegrid.org/factory/monitor/factoryEntryStatusNow.html>

DUNE SAM tests :

https://etf-dune-preprod.cern.ch/etf/check_mk/

LSST:

Not a lot to report, 18k jobs left to go. Getting 9k jobs a day.

SKA:

Keep on working on himem jobs.

New himem machines to be delivered this week or the next.

Problems with the storage in Manchester partly due to the load. There are also problems with directory permissions on directories created with both dirac and rucio. Since they use xrootd it might be due to the ongoing storage evolution towards non gridftp TPC. We added Lancaster to the rucio configuration which doesn't seem to have the same problems. And I can do the transfers manually to Manchester. It is under investigation. Need more systematic tests. Opened a ticket for DPM <https://its.cern.ch/jira/browse/LCGDM-2912>

HIGH memory nodes are 1.5-3.0TB.

Other “New” VO status:

MU3E: Approved by PMB. Waiting for them to chose a DNS name; then we'll set it up in a VOMS server and ask sites if they wish to support...

Will likely be hosted on the gridpp voms.

General Updates/Discussion

.IsC RPM suggestions on TB-SUPPORT

See microtalk: <https://hep.ph.liv.ac.uk/~sjones/approvedvos.pdf>

AF - RPMs are a good thing.

Were to put this? GridPP webserver seems like a good place. Used to have a yum repo.

Matt, Alessandra will try out the RPM.

Revisit in a few weeks or so.

RPMs in this Yum Repo: <https://hep.ph.liv.ac.uk/~sjones/RPMS.voms/>

Meeting Updates

WLCG Ops Coordination last week:

<https://indico.cern.ch/event/893845/>

Highlight was the postmortem of the CERN CEPH outage that caused a spot of bother a few weeks back.

GDB this week, it's Vidyo only:

<https://indico.cern.ch/event/813745/>

Tier 1 Status

Operation “Home Guard” was successfully completed 4th and 5 March 2020. As covered last week the purpose of the exercises was to ensure that the ~30 Tier-1 members had the appropriate communications channels, remote access and ability to work in a geographically distributed configuration.

In the event there were no communications issues, all external meetings (i.e. using vidyo) were attended and all meetings that would have normally attended in person were run virtually (using Zoom). There is even some anecdotal evidence that people actually achieved more work than normal!

Although this exercise was run only for 2 day, it has given Tier-1 the confidence that we have the capability to run in a remote configuration for extended periods of time if/when we have to do this “for real”.

Security Brief

- Reminder of RHEL/SL/CentOS 6 EOL at end of November.
- EGI SVG vulnerabilities when public/[WHITE] will have the Creative Commons licence <https://creativecommons.org/licenses/by/4.0/>

Storage and Data Management News

<http://storage.esc.rl.ac.uk/weekly/>

Glasgow notes that they're ahead of RAL on CEPH version.

ATLAS looking at TPC tests in production. Manchester and Lancaster involved. Lots of bugs were shaken out of the system and revealed.

Will go over Lancaster's configs to see why we're green.

On Duty Report

Not much to report, I've had a go at tidying some of the defunct APEL tickets which seems to have gone okay.

Technical Update (was Tier 2 evolution, Accounting, Monitoring, Documentation, Services)

NTR

Tickets

[GGUS tickets ordered by date.](#)

51 Open UK Tickets this week.

We've got a bunch of recent assigned tickets - Sheffield, QMUL, Manchester, Sussex. Please can you all take a look - although nothing worth nagging about. Yet :-)

Sussex also have a few not so recent tickets still in the assigned state.

There are 2 “CREAM Migration tickets” left hanging - Sussex and RHUL. Both are “non-issues” but can the tickets be updated/closed?

https://ggus.eu/?mode=ticket_info&ticket_id=145918 (Sussex)

https://ggus.eu/?mode=ticket_info&ticket_id=145916 (RHUL)

Site News

NTR

AOB

GridPP-44 Talk/Session/Subject Ideas

Especially any non-storage related topics!

AF: TPC and/or kubernetes

MD: Something on Ste's work today on voms rpms/similar ways of sharing “small configs”.

As of the time of writing GridPP-44 is still ON.

Actions/Decisions from This Meeting

Action on Lancaster and Manchester to try out the VOMS rpms.

Chat Window:

<https://indico.cern.ch/event/892076/>

PDF about approved VOs. Will discuss later.

<https://hep.ph.liv.ac.uk/~sjones/approvedvos.pdf>

i.e.RPMs

Apologies for joining late

No worries - we skipped over the Security Day action but I don't think there's any news on that?

No - save that as with other meetings we're staying abreast of the current coronavirus advice, but that it's currently still due to go ahead.

<https://its.cern.ch/jira/browse/LCGDM-2912>

<https://hep.ph.liv.ac.uk/~sjones/approvedvos.pdf>

DOME has a longstanding problem with ACLs. I reported to the developers last Octobers.

Tickets were opened

<https://its.cern.ch/jira/browse/LCGDM-2895>

<https://its.cern.ch/jira/browse/LCGDM-2896>

<https://its.cern.ch/jira/browse/LCGDM-2897>

At the time I communicated with Petr and Fabrizio, they created tickets to start investigation

There is an older issue with non atomic update of DB

apologies, must leave now

I haven't had any problem in a while with vydio

I haven't had any problems with Vidyo.