

## GridPP Ops 15/12/2020

**Attending:** Matt, Jose, Vip, Duncan, Sam S, Emanuele, WinnieL, DavidC, MikeL, RobertF, James W, Wenlong, Darren, Ian L

**Apologies:** Daniela

### Action from previous meetings.

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

Current outlook is multiple meshes - LHC VO's, Dune and local (UK):

<https://psmad.opensciencegrid.org/maddash-webui/index.cgi?dashboard=UK%20Mesh%20Config>

Please keep the wiki page up to date:

[https://www.gridpp.ac.uk/wiki/Perfsonar\\_refresh](https://www.gridpp.ac.uk/wiki/Perfsonar_refresh)

Also there's the Dune mesh:

<https://psmad.opensciencegrid.org/maddash-webui/index.cgi?dashboard=DUNE%20Mesh%20Config>

Psetf was updated to the latest release:

[https://psetf.opensciencegrid.org/etf/check\\_mk/index.py?start\\_url=%2Fetf%2Fcheck\\_mk%2Fview.py%3Fhostgroup%3DUK%26opthost\\_group%3DUK%26view\\_name%3Dhostgroup](https://psetf.opensciencegrid.org/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fview.py%3Fhostgroup%3DUK%26opthost_group%3DUK%26view_name%3Dhostgroup)

New tests ask for port 862 - Winnie asks the port needs to be open over v4 or v6, Duncan will find out. (WL: Never mind, will ask for both!):

metric: perfSONAR services: twamp - checks if port 862 is reachable (dual-stack mode)

metric: perfSONAR services: owamp - checks if port 861 is reachable (dual-stack mode)

Not sure what 'dual-stack mode' means.

\*201208-01 Matt - Confirm Snoplus contact and DTEAM UK managers

-The Sno+ contact is in indeed Jeff Tseng at Oxford

-Dan T. and Alastair are the UK dteam managers.

-closed

## VO Updates

### CMS (Daniela -- apologies):

From the T2 mailing list:

The holiday break is closing in and we are doing our best to make sure that queues are full enough to keep sites busy. We hope that you'll be able to at least keep an eye on your site so that we can maintain our high processing capacity. The current workload to process is 4.8M CPU days, enough for a month of work in principle. Rucio is fully in operation now, and this week we can expect the start of dynamic data management, with deletions occurring more frequently. There will soon be a document explaining our future disk usage management strategy.

The following sites are currently in the waiting room: T2\_AT\_Vienna, T2\_FR\_IPHC, T2\_GR\_Ioannina, T2\_IT\_Rome, T2\_PK\_NCP, T2\_PL\_Swierk, T2\_UK\_SGrid\_Bristol.

[end of official email]

Bristol is aware of the issue (accessible from here:

[https://cmssst.web.cern.ch/sitereadiness/report.html#T2\\_UK\\_SGrid\\_Bristol](https://cmssst.web.cern.ch/sitereadiness/report.html#T2_UK_SGrid_Bristol) )

but CMS monitoring is not necessarily producing helpful error messages.

I suggested filing a ticket against CMS with a request for more information, though given CMS' lack of response to my own ticket:

[https://ggus.eu/?mode=ticket\\_info&ticket\\_id=149908](https://ggus.eu/?mode=ticket_info&ticket_id=149908)

(RUCIO not quite having the hang of how much space there is at Imperial ?) I wouldn't get my hopes up.

-Bristol CMS specialist away until January, so there's likely no movement on this until next year. It's noted that there is no funded support at Bristol.

From the monitoring:

[https://monit-grafana.cern.ch/d/m7XtZsEZk4/wlwg-sitemon-historical-tests?orgId=20&var-vo=cms&var-dst\\_tier=2&var-dst\\_country=UK&var-dst\\_federation=All&var-dst\\_experiment\\_site=All&var-service\\_flavour=All&var-dst\\_hostname=All&var-metric=All&var-status=All](https://monit-grafana.cern.ch/d/m7XtZsEZk4/wlwg-sitemon-historical-tests?orgId=20&var-vo=cms&var-dst_tier=2&var-dst_country=UK&var-dst_federation=All&var-dst_experiment_site=All&var-service_flavour=All&var-dst_hostname=All&var-metric=All&var-status=All)

The monitoring looks uneventful for all UK sites (even for Bristol, so whatever the problem is the nagios tests don't catch it).

### ATLAS (James):

- ECDF Transfer efficiency issues

- QMUL in scheduled downtime
- SUSX - Had some networking issues; then looking to provision more nodes
- LANCS lost files deletions done; small fraction saved. Glasgow ongoing.
- Glasgow DPM Datadisk final decommissioning starting this week
- Glasgow Site Avail/Rel plots in MONIT:
  - Following up in ATLAS; once understood, suggest other sites to review and report any inconsistencies
- New Zoom room for UK Cloud Mtg; Password as this, but repeated.
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### LHCb (Raja):

#### RAL Tier-1 :

- a. ECHO streaming issue - ongoing
- b. ECHO authentication issue for some LHCb users
  - i. [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=149909](https://ggus.eu/?mode=ticket_info&ticket_id=149909)
  - ii. Possibly also old closed ticket :  
[https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=148701](https://ggus.eu/index.php?mode=ticket_info&ticket_id=148701)

QMUL : Problems with internal networking and downtime?

- [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=149812](https://ggus.eu/?mode=ticket_info&ticket_id=149812)
- [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=149692](https://ggus.eu/?mode=ticket_info&ticket_id=149692)

DURHAM : Failed jobs. Any update?

- [https://ggus.eu/?mode=ticket\\_info&ticket\\_id=149800](https://ggus.eu/?mode=ticket_info&ticket_id=149800)

Sam asks about lost file declaration process for LHCB - either open a ticket or contact LHCB via Raja.

Gareth dug into the broken A/R figures for VAC - it appears the tests are broken and trying to contact a now non-existent server. Andrew M contacted.

Durham asks if the problem was intermittent or consistent - Raja thinks it's intermittent, but will check.

Manchester also has ETF problems, failing through "role not authorised", but 4k cores of LHCB jobs working fine.

Raja notes storage isn't being tested right now. Will ask if anything has changed.

Action for next year to review this.

## “Other” VOs:

DUNE (Raja) :

glideInWMS configuration for the different sites :

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

SAM tests :

[https://etf-dune-preprod.cern.ch/etf/check\\_mk/](https://etf-dune-preprod.cern.ch/etf/check_mk/)

--- Now also testing for the stash cache

--- following up with the sites

--- [Monit link for history](#) : Shows historical timeline of tests now

--- CRIC information ready. Using it for ETF tests now.

DUNE site naming agreed: UK-Sitename format.

--- <https://dune-cric.cern.ch/core/experimentsite/list/>

Wenlong is the DUNE UK data manager

Bristol : lcgce02 still failing ETF tests

LSST:

NTR

SKA:

NTR

CTA:

NTR

LIGO:

NTR

Other “New” VO status:

WLCG VO:

Mu3e:

No official documentation, but use “standard issue” gridpp dirac for submission.

## General Updates/Discussion

That CentOS news last week...

...can wait until next year? (How about till 2024 when we \*have\* to upgrade EL7 ? --Daniela)

Will first need a CentOS 8 audit early next year (asked by PMB).

There will be a technical meeting about this after the audit.

## Meeting Updates

OMB meeting last week - nothing very UK relevant: <https://indico.egi.eu/event/5332/>

December GDB: <https://indico.cern.ch/event/813754/>

Brian's talk, good summaries of the WLCG/HSF workshop.

David notes that ARC7 working with Authorisation WG to get token support fully in place.

Work on this is accelerating (but still lots to be done).

## Tier 1 Status

Echo upgrade in progress

100G OPN link working well

Intention to decom the 10G links mid January (at which point be using SJ as our failover network.)

Ping traceroute issues to QMUL (but no power in their machine room).

## Security Brief

- Christmas plans
- SL6 washup meeting on Friday 18th: <https://indico.cern.ch/event/983449/>
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## Storage and Data Management News

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

More recent minutes: [GridPP Storage](#)

Turn up tomorrow for last GridPP Storage meeting of the year, and a special edition where we give feedback to Alastair on things to spend his dev effort on. [And also in time remaining “EoY plans” roundup.]

## **On Duty Report**

NTR (probably, couldn't get on to the dashboard)

## **Technical Update**

NTR

## **Tickets**

[GGUS tickets ordered by date.](#)

43 Open UK tickets closing out the year.

This LHCB ticket for Durham got reopened after a delayed reply (you guys haven't messed with your ARC RTEs recently, as having the ENV/PROXY RTE not set as a default killed LHCB pilots at Lancaster last week).

[https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=149800](https://ggus.eu/index.php?mode=ticket_info&ticket_id=149800)

And finally just this ticket at Sussex still in its “assigned” state:

[https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=149203](https://ggus.eu/index.php?mode=ticket_info&ticket_id=149203)

## **Site News**

NTR

## **AOB**

## **Actions/Decisions from This Meeting**

Review of LHCB ETF tests in the new year.

Last meeting of the Year. I wish you all a Merry Christmas, Happy Holidays, and a Fantastic New Year!

Next meeting will be Tuesday 5th January 2021.

## Chat Window:

```
11:11:35 From duncan.rand@cern.ch : $ nc -G 2 -v -4 dice-io-37-00.acrc.bris.ac.uk 443
nc: connectx to dice-io-37-00.acrc.bris.ac.uk port 443 (tcp) failed: Operation timed out
$ nc -G 2 -v -6 dice-io-37-00.acrc.bris.ac.uk 443
Connection to dice-io-37-00.acrc.bris.ac.uk port 443 [tcp/https] succeeded!
^C
$ nc -G 2 -v -4 dice-io-37-00.acrc.bris.ac.uk 862
nc: connectx to dice-io-37-00.acrc.bris.ac.uk port 862 (tcp) failed: Operation timed out
$ nc -G 2 -v -6 dice-io-37-00.acrc.bris.ac.uk 862
nc: connectx to dice-io-37-00.acrc.bris.ac.uk port 862 (tcp) failed: Connection refused
11:29:25 From Terry Froy : I/QMUL have been testing Oracle Linux 8 as a drop-in
replacement for CentOS 8/CentOS Stream 8 and having good results so far.
11:31:53 From Terry Froy : It would be interesting to get a response from FNAL and Pat
Riehecky (who sits on the CentOS Board) concerning the potential restart of Scientific Linux.
Other potential rebuild projects include CloudLinux and Gareth has just mentioned Rocky Linux.
11:31:57 From Vip : what about cloud Linux?
11:34:21 From Terry Froy : The general consensus in the FOSS community is that this will
end up being a MySQL/MariaDB or OpenOffice/LibreOffice type fork situation.
11:35:33 From Terry Froy : I think the point of all these distros being 100% compatible with
RHEL 8 is that there is not such a larger learning curve as say the transition from CentOS 7 to
CentOS 8.
11:42:14 From Vip : we should also look at Springdale Linux
11:42:29 From Terry Froy : Our authoritative DNS has been down due to infrastructure issues
and now is down along with our scheduled downtime (caused by power down).
```