

## GridPP Ops 06/12/22

**Attending:** Matt, Daniela, Vip, Gerard H, Steven S, JamesW, Dan W, Linda, Winnie, Pete C, Rob F, Jose, Gordon, Dan T, Duncan R, Daniela, Wenlong, Emanuele, Darren, Mark S, Dwayne, Jyoti, Tom B, Ian L, Alex R

**Apologies:** DavidC, Raul L

Urgent Business

None

### **Actions from previous meetings.**

None

### **VO Updates**

#### **ATLAS (James):**

- DB (oracle) updates at CERN last Tuesday; HC blacklisting during the intervention, and also resulted in draining jobs overnight
- RAL:
  - Antares: Friday am Period of failing transfers after MGM restarter script not restarting, after DT
- T2:
  - Glasgow: GGUS:159792; staging timeouts - related to multiple simultaneous reads of single file (?)
  - Resolved issues with:
    - Durham (Xrootd version + powercut),
    - MAN (WebDav services restarted),
    - Oxford (fetch-crl not triggering correctly) on Xcache

#### **CMS (Daniela):**

Fairly quiet. Chris Brew still trying to make tokens work; CMS agrees you can wait for ARC7 for tokens (though not for AREX - though by the looks of it, this is not an issue in the UK).

[monit link](#)

**LHCb:** (Mark/Alexander):

All: Database maintenance for Dirac File Catalog this Wednesday,

- There will be a drain of all computing resources, it should start today in the evening

**RAL:**

- [Antares outage](#) last Friday
  - EOS head node became unresponsive, mechanisms to restart it were not in place after a downtime.
  - Fixed on the same day
- Long lasting issues in progress:
  - [Slow stats](#)
  - [Deletion problems](#)
  - [Vector read](#)

**T2:**

- [Failed pilots at Sheffield](#)
- [Migration to ceph is ongoing at Glasgow](#)

**AOB:**

- 300TB requirement for T2-D is still valid (confirmed earlier)
- However, it is expected to be increased next year

**“Other” VOs:**

DUNE (Wenlong):

Links: [glideInWMS configuration for the different sites](#)

[SAM tests](#)

[Monit link for history](#)

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

[Storage monitoring site](#)

[Job efficiency monitoring site](#)

[DUNE job status](#)

- Workflow tests:  
<https://wfs.dune.hep.ac.uk/dashboard/?method=wtf-results>

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SKA:

Some emails with UKSRC people (Ant at Jodrell Bank) trying to get xroot working.

LSST/Rubin:

Lots of effort from Peter Love in getting production working. Transfer tests between IN2P3 and Lancaster.

Other VOs:

Ligo: A weird ticket landed at Lancs:

[https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=159810](https://ggus.eu/index.php?mode=ticket_info&ticket_id=159810)

Although this also describes an issue at the Tler 1 (and Nikhef). The ticket is a bit of a mess really (it has JK in the assignee list for some reason).

Jose looked in `/cvmfs/oasis.opensciencegrid.org/mis/vodata/` and just sees .lsc files.

Will poke the submitter directly.

## General Updates/Discussion

Draft WLCG Sites reports for November are at:

<https://monit-wlcg-sitemon.web.cern.ch/monit-wlcg-sitemon/reports/2022/202211/drafts/>

Atlas: Oxford and ECDF figures are in the 80s, but understood. Liverpool still aren't running tests (even though they're running work).

-Matt will see if there's anything that stands out about these jobs.

CMS: All green

LHCB: Just Oxford in the yellow (~76%)

## Meeting Updates

WLCG Ops Coordination last week:

<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes221201>

GDB next week: <https://indico.cern.ch/event/1096037/>

JISC Research network engineering community meeting on the 9th of December:

<https://beta.jisc.ac.uk/events/research-network-engineering-community-meeting>

Duncan suggests inviting local Networkers at sites.

Computing Insight UK 2022 in Manchester this week:

<https://www.scd.stfc.ac.uk/Pages/CIUK2022.aspx>

Anyone go and pick up any interesting tidbits?

Dan - lots of discussion of sustainability and net zero computing. Hopefully talks will go online. Note that embedded carbon starts becoming an issue (as renewables off set "running carbon"). Can get hold of this information now. Will likely be something we need to put into tenders.

A final reminder of CHEP 2023: <https://www.jlab.org/conference/CHEP2023>

-please let Sam know asap if your abstract has been accepted for planning purposes.

## Tier 1 Status

Antares patching took place on 1<sup>st</sup> December. Downtime needed to be extended by 1 hour but was largely successful.

Echo patching and reboot is scheduled for Thursday 8<sup>th</sup> December

LHCb ticket on transfers to Antares failing

([https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=159786](https://ggus.eu/index.php?mode=ticket_info&ticket_id=159786)). EOS head node became unresponsive in the late evening of 1<sup>st</sup> December and remained do for several hours until the morning of 2<sup>nd</sup> December when the main XRootD service was restarted. The investigation of this is ongoing and we are making a list of unexplained EOS "crashes".

Sunday 4<sup>th</sup> December between 04:00 and 06:00 there was a spike of CMS Webdav SAM test failures on Echo. The Production Team is investigating the root cause.

There was a problem this morning with lcg2473, this meant that ATLAS jobs were held until Tom Birkett could look at the problem and resolve it. We are also seeing some docker containers not being killed once the job has been finished.

## Tier-1 Network upgrade (latest update on top)

29/11/22 - Tom B has test firewalls for WNs, one step closer to them being on LHCONE

22/11/22 - hopefully some updates this week. Central core hardware routers \*have\* been replaced.

13-09-22 - Tom B notes a problem with host firewalls on LHCONE nodes.

09-09-22 - IPv6 Traffic now enabled on the super spine.

02-08-22 - intention to make 2022 WNs (rocky 8 gen) hope to put these on lhcone.

17-05-22 Technically joined the LHCONE but at the moment it has only one host (the new perfSonar box). Currently we have resource checking and conforming routing between endpoints and IPV6 allocations.

05-04-2022 Resolution of new storage node access and central security work delayed LHCONE activity. Being re-timetabled.

## Security Brief

New home for advisories: <https://advisories.eqi.eu>

- Operational update [standing item]
- Pakiti status - should be working
- Site Security Survey
  - (good place to note things like Carbon Black@Bristol)

<https://www.jisc.ac.uk/get-involved/cyber-security-community-group>

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## AAI

- <https://twiki.cern.ch/twiki/bin/view/LCG/ResourceTrustEvolution>

In particular, if you would like to join the discussion the egroup is “wlcg-resource-trust-evolution”

Auth Working Group Twiki: <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGAuthorizationWG>

Indico Category: <https://indico.cern.ch/category/68/>

Mailing list egroup: project-lcg-authz

Note - AuthZ meetings moved to fortnightly Friday's 14-15:00 UK.

NTR, everyone's in Denver.

## Networking News

[UK Mesh](#)

[Check\\_MK monitoring](#)

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

[Dune Mesh](#)

perfSONAR certificate status: [https://www.gridpp.ac.uk/wiki/Perfsonar\\_Cert\\_Status](https://www.gridpp.ac.uk/wiki/Perfsonar_Cert_Status)

## Storage and Data Management News

**Minutes:** [GridPP Storage](#)

Reminder: Storage Meeting is now @ 1030 [not 10am] to make it slightly easier for everyone to attend.

Luke has been asking about the "gridsite" authentication method turning up in his logs recently. (I don't recall seeing this myself...)

## Technical Update

(to include any Token News, Data Challenge work, "New" OS experiences)

Standing subjects:

-ESCAPE credentials and use of tokens

-"Carbon Black" @ Bristol and similar technologies elsewhere

-ARGUS concerns.

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## Duty Report

To clean things up a bit it would be good if Glasgow's Defunct DPM was set to not monitored/not in production (or just deleted altogether) in the gocdb.

## Tickets

[UK GGUS tickets](#)

42 Open tickets. This number is bloated by campaigns with "on hold" tickets (namely the DPM migration ones).

Glasgow has 4 DPM based tickets that I think can be taken out back.

## Site News

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## AOB/Feedback for/from the PMB

None

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

13th last full meeting, there might be a light meeting on the 20th.

Decision made in the “after meeting” to refocus the Network Section with a summary of the “top 5(ish) problems” produced by Duncan.

## **Chat Window:**

less pink more green for qmul

11:57:33 From Daniel Traynor To Everyone:

when the site link is full we go pink/yellow. the link is fine just under provisioned