

GridPP Ops 14/03/23

Attending: Matt, Jose, Tony, Gerard H, StevenS, RobF, Dwayne, Emanuele, PeteC, JamesW, Daniela, Mark S, LindaC, RobC

Apologies: DavidC, Gordon, Raul

Urgent Business

Actions from previous meetings.

280223-01 All Sites. For publishing hepscore one person per site (the one running the benchmarking) to email Alessandra with the below information:

- Sitename
- Output of `openssl x509 -noout -in user.crt.pem -subject -nameopt RFC2253` for your personal cert.
- (maybe?) Subnet or IP you will be publishing from.

If you have already sent this information to the hepscore group it would still be good to keep us in the loop.

Tracked here: https://www.gridpp.ac.uk/wiki/HEPSCORE_Site_Status

VO Updates

ATLAS (James):

- IGTF 1.119 appears to be resolving (previously discussed) StoRM / cert problems
- RAL:
 - Extended Antares DT ended (early); but failing transfers overnight due to problems (resolved and now understood).
- T2
 - Glasgow stage-out failures last week for jobs:
 - Failed with davs, and then 'really' failed with root.
 - Now appears resolved for davs, but not yet understood
 - Root uploads may still need further investigation
 - Durham - No running jobs for ATLAS ?
 - LANCS - moved Datadisk for the posix.Symlink testing:
 - ~ all stage-in data going via the cephfs mount (and not the xrootd gateway).

CMS (Daniela):

xrootd time zone bug, yay

Here's the corresponding "mixed roles" ticket:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=160840

[monit link](#)

LHCb: (Mark/Alexander):

All:

- There is a plan in LHCb to start using multicore pilots at T1 and T2D sites
 - Discussion is ongoing how to proceed

RAL T1:

- Tape storage outage for the whole last week, extended till Monday
 - Eos was unavailable last night, due to the problems with restarting script
- [Problems](#) with ipv6 connectivity for RAL's LHCb VO-box
 - Solved
- Long-lasting issues
 - [Problems](#) with simultaneous access to the same file on ECHO
 - Solved
 - [Slow](#) "stat" calls
 - On hold
 - [Vector read](#)
 - No failures due to vector read problems so far, it is starting to look promising

T2:

- Multiple sites had failed pilots last night
 - Pilots complained on cvmfs being not mounted
 - Jose notes some connectivity problems, if you see any problems connecting to the RAL Statum 1 please contact Jose.
- Problems with transfers to CNAF from different sites
 - [Ticket](#) is opened against QMUL, probably should be opened against CNAF
 - Duncan notes Jisc Netperf team helping out, CNAF involved.
 - RALPP is also affected, and probably all sites that have 9k mtu on their WNs

- Seems like a pmtu “black hole” issue (icmp “fragmentation needed” packets seem to be dropped).
- [Pilot submission problems](#) at ECDF
 - Solved
- [Pilot submission problems](#) at Brunel
- Final steps of the migration to ceph are ongoing at Glasgow

Noticed by Matt - Liverpool [apptainer ticket](#) was last updated by the site.
-just need verification from Chris

“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](#)

- A new workflow (Justin) tests url:
<https://justin.dune.hep.ac.uk/dashboard/?method=awt-results>

NTR

SKA:

NTR

LSST/Rubin:

NTR

Other VOs:

NTR

General Updates/Discussion

IGTF release 1.119 is out - those of us who installed the pre-release will have a few more hoops to jump through.

Hopefully this will bring an end to the interesting behaviours we've seen over the last few weeks.

Meeting Updates

GridPP49 registration: <https://indico.cern.ch/event/1215829/>

Call for BoF ideas, talks.

Registration closes on Wednesday. Cosners is full, so Alastair is shifting people elsewhere.

Note Alastair's email if you need extra accommodation on the Thursday night due to Train strikes.

"Request for talk" emails gone out.

Also note the Shared Taxi spreadsheet, least urgent of the information needed.

Conference dinner choice form will go out soon. Please fill it in ASAP. No "organised food" for the Tuesday night.

There will be best efforts Video Conferencing. No formal VC for the BOFs.

Jisc Tech 2 Tech call next week (22nd March 15:00-16:00) on AWS Outposts, a new option from AWS that could allow Jisc to host cloud capacity on the Janet backbone.

<https://beta.jisc.ac.uk/events/tech-2-tech-aws-outposts>

The next Research Network Engineering community call is taking place at 14:00 BST on Friday 14 April 2023.

The topic will be the use of jumbo frames on research and education networks.

<https://www.jisc.ac.uk/get-involved/research-network-engineering-community-group>

Tier 1 Status

Last week, Antares (Tape service) was down for an upgrade to the Spectra Logic Tape Robot. This was scheduled for Monday (6th) until Friday (10th) lunchtime. Due to a problem with the installation, the downtime had to be extended until today (14th). We completed this work on Monday afternoon and ended the downtime at 1500

For those parties that also have a Spectra Logic Library and are interested, we can circulate the more technical description of the problem and its solution.

Tier-1 Network upgrade (latest update on top)

14/03/23 On the 20/03/23 we will begin reducing the capacity of the batch farm to allow migration of nodes to LHCONE (on the 23/03/23)

28/02/23 Progress on deploying new WNs to LHCONE. New 2nd 100GE LHCOPN link installed (needs to be fully configured)

17/01/23 - We are getting close to running the Change Control for the firewall changes (scheduled for this week – 19/01/23). Currently jobs are running on new firewall config with this config being rolled out to 10ff WN's this week with further roll-out next week.

Tom B notes that there is good progress in this. The “tip toeing” phase is over, and moving forward with confidence now.

Security Brief

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

- Operational update [standing item]
- Comms Challenge
- Site Security Challenges
 - Proposed Technical Meeting on 3rd March on comms during incident response - delayed, maybe next week
- Site Security Survey

Operational update.

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/WLCAuthorizationWG>

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.

Networking News

[UK Mesh](#)

[Check_MK monitoring](#)

[Perfsonar refresh - GridPP Wiki](#)

[Dune Mesh](#)

[perfSONAR certificate status](#)

[perfSONAR issues](#)

Performance issues

Jisc London: high IPv4 loss (0.2%) in both directions except to RAL-LCG2, ECDF and RAL-PPD and from UCL. Looks like it might have been a spike.

Look at the CNAF issues, no obvious changes at the time the problems started. Problem routers maybe identified.

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.

There will be a Storage BOF at GridPP49 - likely to be xroot-y unless enough people want something else.

Growing number of xrootd issues, but next release 5.6.0 ...

Matt notes issues with xrootd at Lancs last week after setting an additional checksum last week in what should have been a harmless update - Sam spotted the issue in github.

Technical Update

Standing subjects:

-RHEL8/9 clone experiences

-HEPSCORE

https://www.gridpp.ac.uk/wiki/HEPSCORE_Site_Status

Alessandra has asked for the DN of one person from each site, in the format of the output of ``openssl x509 -noout -in user.crt.pem -subject -nameopt RFC2253`` (see action).

-XRootD Shoveller Adoption

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Duty Report

We created a ticket to deal with the issue of readonly xroot endpoints failing tests, it got picked up and has spawned the creation of a new endpoint type for gocdb:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=160509

Tickets

[UK GGUS tickets](#)

46 Open tickets, we've had a bit of a nice clean up over the last week.

This Bristol na62 ticket looks like it's skipped notice:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=160781

We have two outstanding "add something good to get ops test to work" tickets:

Glasgow: https://ggus.eu/index.php?mode=ticket_info&ticket_id=160516

Brunel: https://ggus.eu/index.php?mode=ticket_info&ticket_id=160509

News

NTR

AOB/Feedback for/from the PMB

GridPP7 proposal in, waiting on initial feedback.

Actions/Decisions from This Meeting

Soft action: For issues to contact the CVMFS stratum-1 at RAL email Jose.

Chat Window:

None.