

## GridPP Ops 21/03/23

**Attending:** Matt, Gerard H, Duncan, Steven S, Gordon, JamesW, Sam S, Emanuele, RobF, Brian, Dwayne, Vip, Mike L, Rob C, Tony, Daniela (8 min late), Raul, Alex R, DavidC

**Apologies:**

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](https://www.gridpp.ac.uk/wiki/HEPSCORE_Site_Status)

Names sent so far only just added, Dimitrios from QMUL tested and it worked.

AF notes that any other publishings (for example xroot) would need another DN sent in... This could be a problem with storage (as will need to publish regularly), but can use host certificate.

Emanuele notes a lot of hassle using his passphrase with recent tests.

AF notes if we could use a proxy that would make life easier, will look into it.

Dan asks if there's a link to look at this data, Emanuele is digging it up.

[Here](#) (needs cern account).

### **VO Updates**

**ATLAS (James):**

Largely quiet

RAL:

- Antares; short period of failed transfers on Friday due to certificate related issues

T2:

- Oxford - Will discuss with experts on Xcache config setup today

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

Imperial had a go at putting a Rocky 9 WN behind one of our CEs. It turns out LHCb and Atlas jobs run just fine, CMS pilots fail due to openssl (the pilot setup, it never gets to the actual job). We are trying to get CMS to at least set our queue to EL8 (for which CMS glide-ins do have support) and then we hope to get away with compat-openssl11 being installed on the EL9 WN. Now getting CMS to do anything is a bit of a challenge as usual.

[monit link](#)

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

RAL T1:

- [Problems](#) with fts transfers from PIC to RAL
  - Seems to be routing issue at PIC
  - Solved
- Long-lasting issues
  - [Slow](#) "stat" calls
    - Changes were applied on the test gateway today, tests are ongoing
  - [Vector read](#)
    - No failures due to vector read problems so far, it is starting to look promising
    - Larger scale tests are to be performed

T2:

- Cvmfs issues last week
  - Seems to be fixed
- Problems with transfers to CNAF from different sites
  - CNAF fixed the problem
- [Pilot submission problems](#) at ECDF
  - Solved
- [Pilot submission problems](#) at Brunel
  - Problem seems to be solved, ticket can be closed

- Final steps of the migration to ceph are ongoing at Glasgow

## “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:

Noted some problems with using the Rubin test FTS for transferring any significant amount of data, moved to using the RAL FTS for now.

Other VOs:

NTR

## General Updates/Discussion

XRoot time change bug noted in the U.S. - we're at risk this coming weekend.

## Meeting Updates

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

Call for BoF ideas, talks.

Please fill in the form with your Conference dinner menu choices, and whether or not you plan to have dinner at Cosners on the Tuesday night, for Alastair by tomorrow.

There was the monthly EGI OMB last Thursday: <https://indico.egi.eu/event/6078/>  
This was a round table showcasing the roadmaps for the EGI middleware and infrastructure.

Also the EGI Ops meeting yesterday:  
<https://confluence.egi.eu/display/EGIBG/2023-03-20+notes>

HEPiX/ISGC currently ongoing: <https://indico4.twgrid.org/event/25/>

Jisc Tech 2 Tech call this 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

Draining 2 generations of WN's for migration to LHCONE (planned Wednesday)

RAL-CERN upgrade to 200G - Work on the new connection in the JANET rack in the R89 UPS room is now complete. It is paired on the fibre patch panel. It currently has a loopback fibre connected.



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

20/3/23 The WN's on the new Tier-1 network will be drained this week to allow them to be migrated on to the LHCONE

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
  - Technical Meeting on 24th March on comms during incident response.
- Site Security Survey

## 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](#)

Bham not initiating outbound tests.

## Performance issues

RHUL still showing asymmetry in rates despite some recent networking interventions.

## 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.

There will be a bug-fix release for the bug-fix release with xrootd 5.5.4  
Better error handling, some http fixes.

## Technical Update

Standing subjects:

-RHEL8/9 clone experiences

see earlier note from IC in the CMS section

-HEPSCORE

[https://www.gridpp.ac.uk/wiki/HEPSCORE\\_Site\\_Status](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).

Look at the link Emanuele shared - need cern account. Rob asks if this info can be mined/explored for visualisation - nobody knows.

AF- we can try to develop a use case to ask for access for this.

-XRootD Shoveller Adoption

## Duty Report

Dashboard is playing up, will fire off an email later.

## Tickets

### [UK GGUS tickets](#)

38 Open UK Tickets, most in hand as usual.

There's this ticket from snoplus, regarding access to the voms:

[https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=160913](https://ggus.eu/index.php?mode=ticket_info&ticket_id=160913)

Daniela has noted it might be a CA version problem.

## News

NTR

## AOB/Feedback for/from the PMB

No meeting next week for the obvious reason.

## Actions/Decisions from This Meeting

## Chat Window:

11:14:31 From Emanuele To Everyone:

the URL I have for HEP-Score dashboard is a bit long:

```
https://es-hep-bmk.cern.ch/kibana/app/discover#/?_g=(filters:!(),refreshInterval:(pause:!t,value:0),time:(from:now-2w,to:now))&_a=(columns:!(_source),filters:!(),index:'bmk-*--prod-hepscore-v2.1*',interval:auto,query:(language:kuery,query:""),sort:!())
```

11:15:45 From Emanuele To Everyone:

I am not sure what is the entry URL, I tried chopping up the address but I have no idea how to browse around the Elastic/Kibana environment

11:16:52 From Daniel Traynor To Everyone:

looks like you need extra permissions to access the site, guest access not good enough

11:17:30 From Emanuele To Everyone:

you need a CERN account to log in

11:17:52 From Daniel Traynor To Everyone:

my cern guest account does not work

11:18:27 From Peter Clarke To Everyone:

Where is the Rubin FTS ? SLAC ?

11:19:07 From Peter Clarke To Everyone:

OK.

11:19:29 From Robert Currie To Everyone:

The hep-score seems viewable to me, but I have a 'full' LHCb cern account and access to monit stuff...

11:29:09 From Thomas Birkett - STFC UKRI To Everyone:

Correct