

## GridPP Ops 05/01/21

**Attending:** Matt, WinnieL, Emanuele, Duncan, DavidC, RobertF, PatrickS, SamS, Vip

**Apologies:** Raja?

### 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>

Duncan notes a few problems at sites.

Glasgow notes some problems with their hardware (nvme locking up, need to physically reboot machine which is difficult).

Brian notes that the RAL new perfsonar aren't in place yet (low priority). Latency box had issues before Christmas (owamp wasn't running). Brian kicking it.

Liverpool also having issues, in touch with Duncan.

\*201215-01 Many - review LHCB ETF test problems - which are well off for a few sites.

Work interrupted by the holidays, so likely no progress today. Manchester were failing tests, despite running 4k cores-worth of LHCB jobs fine. Gareth had looked into the VAC test problems, broken due to trying to contact a long gone server.

No Raja today so stalled. Gareth had pinged Andrew but no response, will submit a ticket.

## VO Updates

**CMS (Daniela):**

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)

lcgce02 at Bristol seems to be unhappy. This is the corresponding ticket:

[https://ggus.eu/index.php?mode=ticket\\_info&ticket\\_id=149962](https://ggus.eu/index.php?mode=ticket_info&ticket_id=149962) (might be fixed now) (WL: now SOLVED)

Otherwise it's very very quiet.

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

- Status over Christmas:
- T1: Issue with arc-CE on 28th, stopped ATLAS jobs; ~2 days to fully recover
- T2:
  - Except for London-T2, all Federations exceeded cpu pledge over period; London only just below (~5% below).
  - Scotgrid
    - Glasgow: Stable except for 31 Dec to 02 Jan with ~ no jobs running (possible gridFTP and/or uni. networking problems?)
    - Durham: contributed at similar level to Glasgow over the period
    - ECDF: Not many jobs running from Christmas day; still ongoing.
  - Northgrid
    - Manchester stable
    - Liverpool and Lancaster, variable numbers of slots. Lancaster no jobs 1-2 Jan,
    - Sheffield - no jobs since before Christmas (now in downtime)
  - Southgrid
    - Oxford, RAL-PP stable, few jobs from BHAM
  - London-Tier2
    - QMUL; compute continued to be offline since previous downtime before Christmas
    - RHUL - provided almost all the Fed. compute over period
    - Brunel - contribution as usual
    - IC: no compute as QMUL offline (?).
- GGUS - New and long-standing items
- 150066 New Liv DPM with broken RAID; may need to declare files lost (requires site access to check hardware)
- 149842 New ECDF Transfer failures; possibly due to unbalanced storage on DPM servers (i.e one node receiving all load); continuing

- 149362      Recent      RALPP      One CE is fine, other doesn't accept pilots; might be ipv4/6 firewall related; still ongoing
- 148342      Long-standing      Glasgow      Lost files, should be able to close now (DPM failing transfers)
- 146651      8 months      RAL      No plans from RAL to do the Singularity User namespace update until updates completed to underlying stack (e.g SL7, Condor, Docker)
- 142329      >1 Year      SUSX      Required network team intervention, and node provisioning. But appeared (before Christmas) to be on track for completion early this year
  
- Other items:
  - Migration of Glasgow LOCALGROUPDISK to CEPH to begin
  - Migration of Oxford to Storageless site; follow-up from last GridPP technical mtg.
  - Lost files: Lancaster; 3k to declare
  - QMUL: Can Downtime end on xrootd.esc.qmul.ac.uk (XRootD) ?

#### **LHCb (Raja):**

No Raja, so NTR

#### **“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

NTR

LSST:

We can drop the explicit LSST section now.

SKA:

NTR (keep)

CTA:

We'll drop this section explicitly too. We could do with arranging a UK contact.

LIGO:

NTR (keep)

Mu3e:

NTR

Other "New" VO status:

NTR

## **General Updates/Discussion**

Lockdown fears - most will not have machine room access this week as policies align. Worries about 2-person lifts. PC suggests we suggest PPE (Darth Vader type masks).

## **Meeting Updates**

NTR - atlas uk meeting this week, usually physics-y.

## **Tier 1 Status**

ATLAS tape data migration to new robot ongoing. ( ~approx 2 weeks till all moved to spectralogic). Will then move non-LHC VO data .

ARC-CE issue on % hosts over Christmas period resolved.

Latency personar host issues will be investigated.

## **Security Brief**

- Operational update
- IAM Users Workshop 27/28 : <https://indico.cern.ch/event/970568/>

## Storage and Data Management News

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

More recent minutes: [GridPP Storage](#)

(There *\*will\** be a Storage Group meeting on Wednesday, as a EoY catchup and post-mortem)

## On Duty Report

Dashboard broke for me today.

## Technical Update

NTR

## Tickets

[GGUS tickets ordered by date.](#)

46 Open UK tickets at the start of the year - I've done some pruning. I don't see any tickets that need to be singled out here. However the long standing IPv6 tickets could likely do with an update this month or next (even if it's a null-report).

## Site News

NTR

## AOB

NTR

## Actions/Decisions from This Meeting

NTR

## Chat Window:

storage is up and running at QM. gridftp and webdav, xrootd is not.  
How did Iain banks phrase it - effector field? That's what we need