

GridPP Ops 1/11/22

Attending: Matt, Sam S, Gerard H, Duncan, Gordon, Steven S, Dan T, Dan W, Alex, Linda, Rob F, Pete C, James W, Tom B, Jose, Darren M, Wenlong, Daniela, Raul, Emanuele, Dwayne, WinnieL, Duncan R, Raul L, Tom D,

Apologies: DavidC

Urgent Business

Yes(ish), Pete C - Today is OpenSSL Tuesday. Any Gotchas?

Mainly very new Oses. Tom B notes that openssl issues are universal - check your containers etc. SVG aware of this.

Actions from previous meetings.

None

VO Updates

CMS (Daniela):

[monit link](#)

It's very quiet this week.

Having said this, something seems to have upset the HTCondorCEs (ever since the date change ? or a fallout from the ATLAS IAM issue ?) , both the ops nagios and the CMS tests looked (look) dreadful. Imperial is keeping an eye on it.

ATLAS (James):

- CERN ATLAS IAM server problems (overloaded token requests)
 - Affected submission to HTCondor CE via tokens (mainly US and some HPC).
 - Now appears to be resolved.

RAL:

- Largely recovered from last week's network problems / remedial work.
 - Just about back to (instantaneous) pledge, (thanks to CMS in drain).

T2:

- BHAM: Compute down; work ongoing on WNs - is it finished?
- ECDF_CLOUD: occasional HC flapping continuing.
- LANCS: DPM server problems (triggered by the ATLAS decommissioning process?).
 - I'm not sure - we have some local users still trying to subscribe data to the DPM so I'll send a reminder around.
- RHUL: very low compute for last couple of days ?

- QMUL: recovered from transfer / compute problems (what was the cause?)

LHCb: (Mark/Alexander):

RAL:

- Recovered from major network outage on Friday.
- The process of resolving long lasting issues are still in progress, namely:
 - Vector read problem
(https://ggus.eu/index.php?mode=ticket_info&ticket_id=142350)
Xrootd update on WNs in progress
 - Problems with writing to RAL's SE using https
(https://ggus.eu/index.php?mode=ticket_info&ticket_id=159146)
May be solved, unable to verify due to network outages. Waiting for more data.
 - Slow stats (https://ggus.eu/index.php?mode=ticket_info&ticket_id=159137)
In progress

T2:

- Edinburgh ECDF:
 - Pilot submission problem to one of the CEs, ticket opened
(https://ggus.eu/index.php?mode=ticket_info&ticket_id=159380)

"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>

NTR

SKA:

Not much visibility. Pete C warns that no single source will give a good picture. Recommends Ian Collier's group at RAL as a "reliable contact".

Soft action on Matt and Sam to prod Ian to find out if there's anything we need to be aware of/can help with.

LSST/Rubin:

Lots of Dev effort going on. Efforts from Wenlong and Co with rucio monitoring. Peter Love working on understanding the butler. Contingent at the rucio meeting next week.

EUCLID:

"eucliduk.net" "voms.gridpp.ac.uk" "15518"

"/C=UK/O=eScience/OU=Manchester/L=HEP/CN=voms.gridpp.ac.uk" "eucliduk.net"

and the usual 3 GridPP voms servers.

The VO configuration is also available in [/cvmfs/grid.cern.ch](http://cvmfs/grid.cern.ch)

Couple of hiccups with 7 day/48 hour proxy mixup. Resolved.

Other VOs:

NTR

General Updates/Discussion

Does anyone have any (scheduled) black out planning, or plans to reduce power consumption? The PMB would like to hear about it if you do.

Darren notes investigation work in this area at RAL.

Meeting Updates

HEPiX this week <https://indico.cern.ch/event/1200682/>

Registration is required for remote attendance, and I don't think it's too late if you want to catch some more talks.

Tech meeting on RAL's Rocky 8 experiences Friday just gone:

<https://indico.cern.ch/e/1205332>

Tech meeting on HEPSCORE Friday coming:

<https://indico.cern.ch/event/1205334/>

Chat with Emanuele. Sam and Matt will reprod Alastair and Alessandra.

Other meetings:

SWIFT-HEP Manchester, 1-2 November <https://indico.cern.ch/event/1184802/>

WLCG meeting in Lancaster next week:

<https://indico.cern.ch/event/1162261/>

With the rucio workshop in the same week and location:

<https://indico.cern.ch/event/1185600/>

Some discussion of car parking.

-Matt will poke the local admins.

Reminder: CHEP 2023: <https://www.jlab.org/conference/CHEP2023>

Abstract submission closes on the 17th of November. Update this morning.

Computing Insight UK 2022 in Manchester in December, will be discussion on Energy Benchmarking on Heterogeneous Systems. <https://www.scd.stfc.ac.uk/Pages/CIUK2022.aspx>

Also Lustre UK user group meeting <https://www.lustrefilesystem.com/> on the Wednesday.

Tier 1 Status

On Wednesday 26th October, when attempting to recover the legacy core router, there was a reoccurrence of the issues from the previous week (17th October).

Due to the work that had been done this did not cause the network to break, however it was operating in a degraded state. This failure allowed us to identify the original cause of the problem, which was the legacy core switch, and it was decided to replace this. We planned an intervention for the Thursday morning, to re-cable all switches still attached to the legacy network.

After this was completed the network appeared to be stabled, however when enabling production traffic this resulted in a broadcast storm. As staff were exhausted from the recent interventions, we decided to extend the downtime till the Friday. On the Friday morning, both new legacy core routers were fully power cycled together and this resolved the problem.

We now believe the cause of the original problem has been solved, and a significant amount of old hardware has been replaced / removed. There are some outstanding actions still to complete, but the network is in a much more robust state than it was before the recent problems.

Tier-1 Network upgrade (latest update on top)

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.egi.eu>

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

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.

Session at the WLCG workshop next week.

Networking News

[UK Mesh](#)

[Check_MK monitoring](#)

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

[Dune Mesh](#)

Durham looking unhappy.

LHCONE meeting last week, good UK representation <https://indico.cern.ch/event/1146558/> .

2023 data challenge delayed to March 2024. Plan to set goals ahead of time - e.g. sort perfsonar issues <https://indico.cern.ch/event/1212782/> .

Throughput aim for this challenge is 30% of the HL-LHC estimates.

IPv6 meeting - UK country with the largest number of non-v6'd sites. Offer to help for the remaining sites <https://indico.cern.ch/event/1185115/> .

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.

On going standing item on storage retirement (with a DPM focus). Or mail the list if you can't make the meeting.

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.

We put in a request for a Tech Meeting on this. David C approved.

Duty Report

Nothing too exciting here.

Tickets

[UK GGUS tickets](#)

45 Open tickets this week - none seem exciting here either.

Site News

Dan - two new jobs at QMUL <https://www.qmul.ac.uk/jobs/vacancies/items/7728.html>

AOB/Feedback for/from the PMB

Quarterly report reminder.

-please take the time to double check site figures.

Actions/Decisions from This Meeting

A few soft action on Sam and Matt to prod people.

Matt to prod about parking for next week.

Chat Window:

11:01:46 From Daniel Traynor To Everyone:

we are supposed to have 5 mins before and after a meeting to recover

11:07:33 From Thomas Birkett - STFC UKRI To Everyone:

<https://blog.qualys.com/vulnerabilities-threat-research/2022/10/31/qualys-research-alert-prepare-for-a-critical-vulnerability-in-openssl-3-0>

11:15:29 From Daniel Traynor To Everyone:

for QMUL data trsafers: A change in air flow from new aircon units have created a little hot air infront of a couple of a storage server which shut itself down. expect the new units to be comissioned this week

11:27:51 From Daniel Traynor To Everyone:

8 hours of fuel suppy in a generator goes quickly

11:28:22 From Darren Moore - STFC UKRI To Everyone:

depends how many bods you have with jerry cans! :)

11:29:52 From Daniel Traynor To Everyone:

providing storage for other seems most useful

12:03:57 From WinnieLacesso To Everyone:

Sorry gotta go!

12:04:51 From Daniel Traynor To Everyone:

two new jobs at QMUL <https://www.qmul.ac.uk/jobs/vacancies/items/7728.html>