

GridPP Ops 6/8/24

Attending: Matt, Vip, Steven S, Gerard H, Rob-C, Mark S, Tim C, Alessandra F, Brij, Chris W, Dan T, Duncan R, Haruna A, Pete C, Rob F, Tim N, Dimitrios T, Wenlong Y, Dan W, Sam S, Linda C, Gordon, Raul L, Darren M, David C,

Apologies: Daniela, Alex.

Urgent Business:

Please reply to Sam's email re WP-D talks at GridPP
GridPP52 is completely full! But everyone booked has a room.

Actions from previous meetings.

240625-01 (AF) Start a new hepscore page on confluence similar to:
<https://www.gridpp.ac.uk/wiki/HEPSPEC06>

General Updates/Discussion

CVMFS sadness

Is this ongoing?
Still down. Not worth prodding about.

Some discussion of indico/zoom settings for this meeting.
Action on myself, with help from David, to do the indico page "better".

VO Updates

ATLAS (Brij/Jyoti): (Since last meeting)

General news:

RAL Tier1 resource review [meeting](#)

- Tier-1 ATLAS resource delivery signoff [Link](#)

UK Tier1 ATLAS

- CRL update issue due to EL8 migration was identified and fixed by T1 team

- Updates in the scheduling policy at T1 for favouring multicore, lead to significant increase in the CPU slot occupancy average (HS23) vs pledge (during last week at [120%](#))

T2s:

- ATLAS UK Cloud support meeting
- UKI-LT2-QMUL (Scheduled Downtime)
- Failovers from UKI-SCOTGRID-ECDF_CLOUD to CERN backup proxies: [167786](#)
- Manchester new SE in the [ETF](#) and waiting to be added in the functional tests (recent [changes in rucio](#) make this difficult). Progress followed in [ADCINFR-271](#)

CMS (Daniela):

All quiet (we think).

LHCb (Alexander):

RAL T1:

- [Failed](#) uploads to ECHO last weekend
 - For some reason load was not spread evenly, some gateways got overloaded
 - Some files are lost, some are corrupted as a result
 - Full list of affected files is yet to be prepared
- [Failed](#) downloads/direct access from ECHO
 - gateways occasionally run out of memory
 - Memory limit was increased
 - Restarts cause transfer/job failures after turning prefetch off
 - Restart script refactored and deployed to preprod farm for testing

T2:

- [Failed](#) FTS transfers to Glasgow
 - Looks OK now
- Pilots are [failing](#) at ECDF
 - Switched to 8-core jobs
 - Is job pressure enough?
 - Site going through migration, so difficult to gauge.
- ETF tests are [failing](#) for Glasgow
 - Any news?
 - Still a mystery, all permissions are given. Have no clue as to what the underlying problem actually is. Some issue with credential?
- Jobs are [failing](#) at Sheffield
 - No updates, still trying to fix pilot log retrieval

- Pilot submission [problem](#) at RALPP
 - Fixed, ticket closed
- Cvmfs [issue](#) at Glasgow
 - Fixed, ticket closed
- New SE at Manchester
 - First manual tests look OK, ETF tests to be set up

Some discussion of LHCB at Lancaster, no storage there (no plans either). But the UK has full Tier-2 storage pledge. Worth a (light) review.

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 (JustIN) tests url:
<https://justin.dune.hep.ac.uk/dashboard/?method=awt-results>
- New FNAL shutdown time 26 Aug - 2 Sep.
- reduced to 1 week, some services will be maintained.

AF asks DUNE DPM -> new storage migration at Manchester, Wenlong and AF will talk offline about this.

Other VOs:

Please find the token configuration info here:

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

Meeting Updates

GridPP52 - usual week in August, 28th-30th, at Ambleside.

Registration is closed: <https://indico.cern.ch/event/1431542/>

Reminder of WP-D talks - Sam will be sending around emails

FTS XRootD dev workshop hosted at RAL (Cosners) this year, 9th-13th of September.

<https://indico.cern.ch/event/1386888/registrations/103332/>

No need to actually pay if you're GridPP (or any STFC project) funded (as it will be done behind the scenes).

Closing on the 23rd.

CHEP - please put in your travel soon if you haven't already. (Especially if you haven't put in a visit notice yet).

No GDB this month, most monthly meetings are cancelled.

Tier 1 Status

The Antares robot/arm issue has been successfully resolved on Wednesday (31/7/24) and is now running with both robots and all arms.

The database migration ([GOCDB#35737](#)), on Wednesday, was also completed successfully. There was an @risk declared for the afternoon for the afternoon as the engineer was still working on the robot issue.

Echo experienced two issues over the weekend. The first being a failed downloads/direct reads from RAL WNs ([GGUS#167617](#)). A new version of the restart script is ready to be deployed to the preprod farm for testing.

The second issue being failed uploads to ECHO ([GGUS#167781](#)). The gateways were unstable throughout the weekend, causing many upload failures. This incident was made worse because some files were corrupted or lost. RAL Admins are investigating.

The full list of problematic files is yet to be determined.

Security Brief

Advisories: <https://advisories.egi.eu>

- Operational update [standing item]

See recent advice.

Next DRI Workshop being planned for the Autumn, with a Technical slant.

James A has joined the SVG.

Some discussion on architecture/DMZ.

Some thought on this for the next Network Forward Look, but the next one isn't for a couple of years.

Discussion on this.

SVG released some advisories.

Some more discussion on the minutes/meeting structure.

Confluence is mentioned.

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

WLCG 2.0 profile being worked on.

Networking News (Duncan)

[Old UK Mesh](#)

[New Grafana UK Mesh](#) ← new!

[Check_MK monitoring](#)

[Dune Mesh](#)

[perfSONAR certificate status](#)

[perfSONAR issues](#) (the newer doc)

-news on LHCONE/jumbo frame/IPv6 rollout squeezed into this section.

-Jisc is looking for sites interested in joining the new Grafana-based perfSONAR mesh (link above), email Duncan if interested.

-Jisc has a perfSONAR test point with all tests running and publishing to the new Grafana dashboard - ps-small-slough. It's running Debian 12. As a testpoint, it has no Grafana page.

-Jisc had its monthly meeting yesterday with Shawn and some perfSONAR devs to discuss future options for the mesh views and perfSONAR operation. We can continue to archive on a per-test basis to Shawn's WLCG database and/or to an archive hosted by Jisc (yet to be set up). There's no need to archive WLCG results to an archive on the local test point, so unless nodes are used for non-GridPP tests it's fine for the future to just install a testpoint and not a full toolkit.

-The devs have a new version of check_mk in the pipeline, with a new look and feel. See https://psetf-itb.aglt2.org/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fdashboard.py.

-The devs are interested in sites willing to try containerised perfSONAR - there's info on how Internet2 did this at

<https://wiki.geant.org/download/attachments/739049958/Contain%20Yourself.pdf?version=1&modificationDate=1715859982454&api=v2>.

Some discussion on the age of our personar hosts. Noted Lancaster seeing out of memory issues. Liverpool sees it too.

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.

<https://uofglasgow.zoom.us/j/94094366747>

No meeting this week.

Manchester's new SE is up and running.

Some discussion of the decision by CEPH to drop EL8 support for Reef, just before the big bug fix release.

Hoping for a reconsider.

Technical Update

Shrinking down the standing subjects here.

-HEPSCORE

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

– which site transitioned to hepscore? Please update the wiki.

– do we want to keep on updating the [old page](#) with hepscore? It might be interesting to maintain the history.

Would be good to track these numbers in the future, perhaps in a new page? Will start a new table in the jira.

Tickets/ROD

[UK GGUS tickets](#)

Was this RAL ticket reopened by accident?

https://ggus.eu/index.php?mode=ticket_info&ticket_id=165818

Missing accounting data at Bristol, possibly just a result of the long downtime.

https://ggus.eu/index.php?mode=ticket_info&ticket_id=167575

Similar for Sheffield, this could be the ARC accounting bug:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=167573

https://ggus.eu/index.php?mode=ticket_info&ticket_id=167546

DTeam and GridPP support on Glasgow storage, I think this is in hand (as there is already support in place).

(Likely just an information thing).

Should put the ARC fix onto a Confluence page.

News

AOB/Feedback for/from the PMB

Actions/Decisions from This Meeting

Action on Matt with help from David C, to make the meeting infrastructure “better”.

Matt will copy and paste the ARC email into confluence.

Fortnightly Ops, next meeting 20th August.

Chat Window:

11:06:49 From Dan To Everyone:

I interpreted “but repeated” as literally doubling the old password before I saw the hint email!



11:10:12 From Tim To Everyone:

I still don't get why I can access the minutes from the meeting indico but I can't get the zoom pword there. Or is the google doc limited to people by email?

11:14:30 From Linda To Everyone:

I'm not going to GridPP- planning to take A/L that week. But if remote is available I might listen to part of it.

11:27:11 From Robert To Everyone:

complicated, middle of migrating site right now at ECDF

11:44:26 From Gerard To Everyone:

Got to go..

11:48:40 From Tim To Everyone:

Define “firewall”

11:49:06 From Tim To Everyone:

It's about implementing security policy in the most appropriate but sufficient way

11:50:09 From Tim To Everyone:

Btw our Jisc security division is interested in looking at tailored tests for 'sci dmz' sites, if there's interest.

11:52:58 From Tim To Everyone:

Well, I asked if they may be interested, as a specific variant of their general site testing they provide (and that is very popular). And they are.

11:53:16 From Rob To Everyone:

We're inside the firewall, and have continuing issues as a result (e.g. current problem, argo testing infrastructure being detected as port scanning and being blocked)

11:53:54 From Alessandra To Everyone:

Yeah also university may close ports without notice....

11:54:06 From David To Everyone:

Replying to "Btw our Jisc securit..."

That sounds great to me

11:54:13 From Rob To Everyone:

So the clearer project position we can present to our central networking on firewalling/DMZ, the better in that regard

11:57:04 From David To Everyone:

Replying to "Yeah also university..."

So then the challenge is get them to stop doing that :-)

11:58:06 From David To Everyone:

Replying to "So the clearer proje..."

Yes exactly - then we can say "we need firewall bypasses here, and support in protecting services with a firewall there"

11:58:15 From Alessandra To Everyone:

Replying to "Yeah also university..."

Most certainly not going to even try. 😊 I'm grateful Manchester was put outside the firewall in 2005.

11:59:25 From David To Everyone:

Replying to "Yeah also university..."

Oh sure - this is one of the areas I'm hoping we can work on at the DRI level in a cultural sense

12:09:21 From Daniel To Everyone:

Ours is a loan from RAL, that will add to the pain of decommissioning.