

GridPP Ops 23/7/24

Attending: Matt, Gordon, Haruna A, Alex R, Steven S, Rob F, Rob C, Brij, Brian D, Sam S, Linda, Pete C, Raul L, Robert F, Emanuele, Dan W, Gerard H, Alessandra F, Darren M, Duncan, Bruno B,

Apologies: Daniela*, Mark S, David C

*doing some last minute parenting, apparently they aren't magically grown up once they turn 18 :-D

Urgent Business

Matt kicked someone called Simon Ney out of the meeting, but they might have been legit...

Daniela: I've had complaints that users do not get notified about newly issued certificates. I've emailed support@grid-support.ac.uk. Does anyone else see this issue ?

Matt: now that you mention it I don't recall getting any notifications for the last few cert requests/renewals (using PeCR).

Although Steven notes he saw one, so maybe it's just Matt...

RobF notes some renewals in June that got messages.

Brian notes some recent changes on the mail system on the 15th...

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?

Stratum 1 still down.

VO Updates

ATLAS (Brij/Jyoti):

- Average of 600K slots, peaking at 700k
- Daily file transfers ranging from 2M to 3M, with a volume of 3 to 7.5PB

- Reached 1 exabyte of data managed in Rucio
- Noted unavailability of ATLAS IAM VOMS service during the week (e.g., OTG:0150883)

RAL-LCG2 Tier1

- ATLAS job pressure went down on the night of 15th july, [Link](#), Production queues switched to EL8
- Sunday night, CRL issue led to draining of jobs from Tier-1, all VOs affected, resolved by monday morning. https://ggus.eu/index.php?mode=ticket_info&ticket_id=167651

ATLAS Cloud T2s

- UKI-LT2-QMUL (SD)
- UKI-NORTHGRID-SHEF-HEP stage-in timeouts from UKI-NORTHGRID-LANCS-HEP-CEPH [167631](#)
- UKI-SCOTGRID-GLASGOW New ATLAS token issuer configuration for SE, [166643](#)
- UKI-SCOTGRID-GLASGOW-CEPH_LOCALGROUPDISK: transfer failures with error 'HTTP 403 : Permission refused'

Discussion on VP sites, going to move Oxford endpoint.

CMS (Daniela):

Very quiet.

There is a Tier 1 ticket wrt tokens that was promised an update on 10/07/24 that looks like it fell through the cracks: https://ggus.eu/index.php?mode=ticket_info&ticket_id=165969

Could someone at the Tier 1 please give it a nudge ?

Having said this, CMS still seems to be struggling with tokens and ARC-CEs, so none of this seems urgent:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=165977

LHCb (Alexander):

RAL T1:

- CRL expiration [issue](#) last Sunday
 - CRL update machinery broke
 - CERN CA's CRL expired on every machine
 - All services became unavailable for (almost all) LHCb workflows
 - Since prod workflows rely on CERN CA issued certificates
 - Issue mitigated on ECHO on Sunday evening, fixed on Monday morning
- Antares outage
 - Tape robot broke down, service is in downtime
- [Failed](#) downloads/direct access from ECHO

- Weird xrootd error
 - Reported as “Cannot allocate memory”
 - Error message is changed by the proxy, original error coming from the gateway is “Single readv transfer is too large”
 - When proxy runs out of memory, it forwards all requests directly to the gateway
 - All requests are forwarded as vector reads, even if the original request was “ordinary” read
 - Clients (like xrscp) use 8MiB blocks for their transfers (unless pgsread is on)
 - Gateway has a limit on max chunk in a readv request and it is less than 8MiB (8*1024*1024 - 16 bytes)
 - When 8MiB block request is forwarded (as readv), error happens
 - This morning it was found that gateways occasionally run out of memory as well
- Vector read optimisation (follow-up on the GGUS [ticket](#))
 - No prefetch config rolled-out to the farm last week

T2:

- Jobs can not [access](#) data via XrootD at Glasgow
 - LHCb does not use buggy xrootd version any more
 - Close the ticket, please
- Pilot submission [problem](#) at Brunel
 - Jobs are killed, but not very clear why
 - Memory consumption within the limit
- Pilots are [failing](#) at ECDF
 - Switched to 8-core jobs
 - What limit on the number of jobs should we use?
 - Currently we have: 2000 total jobs, 10 waiting jobs.
- ETF tests are [failing](#) for Glasgow
 - Looks like a permission problem, but it is not(?)
 - Tests are trying to execute `PROPFIND` request on `/cephfs/lhcb` directory
 - Any news?
- Jobs are [failing](#) at Sheffield
 - No updates, still trying to fix pilot log retrieval
- [Failed](#) pilot submission at Liverpool’s CE
 - Fixed by service restart
- Space reporting issue at IC
 - We relied on SRM to retrieve free space, which was not accurate
 - Switched to SRR

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>

FNAL shutdown 26 Aug - 6 Sep (recent announcement).

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 open: <https://indico.cern.ch/event/1431542/>

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

REGISTRATION DEADLINE: August 2nd.

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).

CHEP - please put in your travel stuff soon.

Note that flights are getting more expensive.

HEPSYSMAN last week <https://indico.cern.ch/event/1433526/>

There was a GDB a few weeks ago: <https://indico.cern.ch/event/1356136/>

The techwatch report looked extra-interesting.

Tier 1 Status

A CRL update issue lead to Batch/Disk/Tape services/GOCDB unexpectedly failing from ~1530 UTC 21-07-24.

Disk services were resolved with a temporary mitigation ~2100 UTC the same evening. The Batch service issue was resolved ~0830 UTC 22/07/24 with permanent fix (as was the Echo service). Antares (the RAL Tape service), was also impacted by CRL incident which has also been resolved by 1200 UTC 22/7/24. GOCDB fixed ~1400

There will be a Service Incident Review for this incident.

Additionally, there has been a separate physical issue with Antares that has required the creation of an unscheduled downtime. (GOCDB:35721).

N.B (forewarning) HTCondor memory issue on ALMA9 from OPS meeting may be of interest to people

<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMeetingWeek240722>

Matt: This sounds similar to some issues we're seeing (Brunel/Sheffield)

Security Brief

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

- Operational update [standing item]

David asks about Cloudstrike, it looks like we've all dodged that bullet

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/WLCGAuthorizationWG>

Indico Category: <https://indico.cern.ch/category/68/>

Mailing list egroup: project-lcg-authz

TTT meeting this afternoon, please shout to Matt if you want the details.

Networking News (Duncan)

[UK Mesh](#)

[New Mesh](#)

[Check_MK monitoring](#)

[Dune Mesh](#)

[perfSONAR certificate status](#)

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

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

We would like to enlarge the new test mesh here:

<https://ps-config.perf.ja.net/grafana/d/c81bcc51-9380-5365-a398-b2e0fc9df646/all-perfsonar-measurements?orgId=1>

Please could any sites interested in joining it email me and we will add them.

(the old mesh might not be able to be carried on with)

Brian notes that 5.1 is available for EL8 now as well (a pleasant surprise).

DC notes a number of conversations about the information on the perfsonar front page with no login, it would be nice to have this pushed up the chain that this info should be behind a login (or configurable).

Duncan will check with Tim what the situation is.

There is a discussion about the testpoint as an option. There is a move that the testpoint might become the recommended solution.

New versions of perfsonar makes the testpoint more useful.

RC - asks if there will be documentation on using perfsonar by site-admins.

- there is, quite a bit of documentation of the command line tool out there.

Brian: <https://docs.perfsonar.net/>

Will raise with the devs at the next monthly meeting.

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>

Reminder no meeting this week, meeting next week (summer tick-tock).

Generally quiet.

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](#)

Lots of tickets, but I think we're numb to that fact now.

Glasgow ticket about supporting dteam and gridpp on (one of) their SE(s):

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

It's a couple of weeks old so might have been missed.

Sam notes that they do support dteam.

News

NTR

AOB/Feedback for/from the PMB

AOB confluence: imported obsolete wiki pages. shouldn't have been vetted before importing? Or is it general preservation? Need to mark them as obsolete.

Darren notes the process was copy everything then purge the out of date stuff. Due another pass.

AF offers a hand with the marking of stuff obsolete- Yes Please!

(TomB notes that this also allows us to look back in the history just in case).

-Good idea (for example for hepspec).

Darren hopes to have another bash at this in the next week or so.

Actions/Decisions from This Meeting

Fortnightly Ops meetings now, next meeting 6th of August

Chat Window:

11:41:37 From Whitehouse, Dan To Everyone:

Keep in mind that if you use Testpoint to get around the display of that info, some of the meshes won't work.

11:41:50 From Whitehouse, Dan To Everyone:

The new grafana pages seem to be good though.

11:46:29 From Brian Davies - STFC UKRI To Matthew Steven Doidge(direct message):

<https://docs.perfsonar.net/>

11:58:38 From Thomas Birkett - STFC UKRI To Everyone:

I'm abstaining from comment

11:58:58 From David Crooks - STFC UKRI To Everyone:

YAIM People's Front