

GridPP Ops 25/6/24

Attending: Matt, Daniela, Benjamin Donnachie, Haruna A, Gerard H, Mark S, Gordon, Emanuele, Tony, Rob F, Alex R, Wenlong

Apologies: David C, Darren (Harwell Open Week), Brij (RAL PPD meeting)

Urgent Business

None

Actions from previous meetings.

None.

General Updates/Discussion

EL7 EOL

The Countdown ditty has almost finished.

-no replacement for ARGUS

Here's the script we use at Imperial to retrieve the banned users list:

<https://github.com/sfayer/fetch-ban>

Some discussion of Mark S's gateway woes, where it keeps lowering throughput, like some kind of buffer limit being hit. Might try 8.

Sussex new perfsonar box not receiving any tests. Duncan leads through some troubleshooting. RobF's new Alma9 perfsonar is also looking green but not getting any new tests. Note that we believe that only EL9 is being developed for.

CVMFS sadness

Lancs and Manchester are seeing high rates of cvmfs errors that looked related to the RAL stratum-1 issues. Any news?

Atlas noticing central problems with cvmfs, so not just RAL.

It was mentioned in the PMB that this is being looked at with high priority.

Alex under the impression that the stratum-1 is off, but this hasn't had any mechanical effect. The GEOIP doesn't ignore RAL like you'd hope.

VO Updates

ATLAS (Brij/Jyoti):

- [Data Consolidation Campaign](#) on MCTAPE is over, ~6 PB transferred to RAL T1 tape.

- Data deletion campaign

The Lifetime Model will be applied soon to delete old and unused data. The files to be deleted are [available here](#) or at /eos/user/d/ddmusr01/shared/lifetime-model/latest/everything.txt.gz. Instructions on how to submit an exception request are [provided here](#). The deadline for exceptions is **July 4**.

-News from ATLAS ADC

- Follow-up on last ATLAS software week and computing support for Storageless sites, i.e., VP queues and xcache support — Cf. Ilija's talk
- Ongoing discussion on organizing first-level support (service monitoring, etc.) within ADC

- New contributor for Rucio dev from UK to help with geolocation fixes etc ?

Cloud UK info and tickets:

UKI-LT2-QMUL

ggus [165967](#) **State:**in progress **Date:**2024-06-21 10:43:00 **Info:**UKI-LT2-QMUL: Enable token support for storage

UKI-NORTHGRID-LANCS-HEP

best queue status: test

ggus [167380](#) **State:**assigned **Date:**2024-06-23 00:23:00 **Info:**Low transfer efficiency with UKI-NORTHGRID-LANCS-HEP as a destination

-ticket closed

UKI-NORTHGRID-LIV-HEP

UKI-NORTHGRID-LIV-HEP_LOCALGROUPDISK blacklisted in DDM (manual). More [info](#)

UKI-NORTHGRID-SHEF-HEP

best queue status: test

ggus [167353](#) **State:**in progress **Date:**2024-06-20 07:42:00 **Info:**UKI-NORTHGRID-SHEF-HEP: 80% of pilots have failed in the past 24 hours

-Matt will follow up

UKI-SCOTGRID-GLASGOW

ggus [166643](#) **State:**waiting for reply **Date:**2024-05-28 09:59:00 **Info:**New ATLAS token issuer configuration for SE

-technically solved.

ggus [166202](#) **State:**in progress **Date:**2024-06-19 14:01:00 **Info:**UKI-SCOTGRID-GLASGOW transfers errors

UKI-SOUTHGRID-BHAM-HEP (SD)

best queue status: offline

UKI-SOUTHGRID-RALPP

best queue status: test

ggus [166692](#) **State:**in progress **Date:**2024-06-12 10:13:00 **Info:**ETF GridFTP job statuses not updating against ArcCEs on Rocky9

UK cloud

UKI-SOUTHGRID-BHAM-HEP in downtime. [Info](#)

CMS (Daniela - is mainly organising the IRIS collaboration meeting):

CMS is currently being particularly unhelpful when it comes to submitting tickets:

https://ggus.eu/?mode=ticket_info&ticket_id=167390

If you get a ticket like this, please set the state to “Waiting for reply” until CMS answers your actual question.

Otherwise not much news. I didn’t even get the traditional Tier 2 newsletter.

LHCb (Alexander):

General:

- ETF tests
 - Problems with GridFTP-based tests for ARC
 - Seems like more sites are affected: Manchester
 - To be switched to https soon

RAL T1:

- [Problems](#) with ECHO
 - Turned out that the transfer problems (most of them) were due to spontaneous xrootd crashes
 - These crashes were caused by pgregad requests
 - There is a bug in xrootd
 - during the processing of pgregad requests it sometimes writes past array end, overwriting random memory
 - This random memory in our case appears to be a pointer
 - Dereference attempt after an overwrite causes a crash
 - A mitigation is to patch xrootd so that it advertises older protocol version, where pgregad requests are not implemented
 - That was applied last Friday, no issues since then, ticket closed
- CVMFS Stratum-1 issues
 - Solved (mitigated) by turning the service off – or is it?
- Vector read optimisation (follow-up on the GGUS [ticket](#))

- Another test submitted yesterday
 - Still there were some issues with queueing, but it was able to reproduce a few failures

T2:

- Pilot submission [problem](#) at Brunel
 - Two CEs seem to be problematic
- [Failed](#) transfers from Lancaster
 - Seems to be a cvmfs issue (is RAL's Stratum-1 is still used?)
- [Failed](#) transfers to Glasgow
 - Looks like only IN2P3->Glasgow channel is affected
 - Ticket needs reaction
- Pilots are [failing](#) at ECDF
 - Almost no failures since ~last Friday afternoon
 - LHCb is still using single-core pilots
- Jobs are [failing](#) at Sheffield
 - No updates
- ETF tests are [failing](#) for Lancaster
 - A&R [recalculated](#), ticket can be closed
 - closed
- 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
- Token-based job submission is [being set up](#) for RALPP
 - In progress, waiting for LHCb test
- Status of `t2arc00.physics.ox.ac.uk` at Oxford
 - Is it going to be fully decommissioned?
 - DIRAC told it's to be turned off, so assuming it's going away.
- Failed pilots at QMUL
 - Since yesterday evening many pilots failed with `Job submission to LRMS failed` error
 - Dan put a note in chat.

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>
- RAL-PP: moved to EL9, need OSG update CE config
- Oxford: OSG has updated new EL9 arc name, but hasn't removed the old one

Other VOs:

Please find the token configuration info here:

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

hyperk and t2k moving data around at Lancaster.

Meeting Updates

The next IRIS Collaboration meeting next week - there will be no Ops:

<https://indico.ph.qmul.ac.uk/indico/conferenceDisplay.py?confId=2018>

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

Standby for the registration etc (we're just starting looking at this now)

Anyone on WP-D activity should expect to be asked to present on their WP-D activity in a session dedicated to that. This is any fraction of funding. People will be reminded.

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) funded (as it will be done behind the scenes).

CHEP Abstract acceptance notifications should have been received.

Funding will be discussed in the PMB.

People who Sam thinks might be expecting to go to CHEP have been emailed. Let him know if you were missed off (and please respond to the email!)

Pete G's HEPSYSMAN suggestion for a meeting at Oxford on Thursday 18th of July.

-generally seems like a good idea.

-Dan interested in "tuning up" EL9 servers. Also Mark's misadventures are interesting.

Tier 1 Status

No one is available.

Security Brief

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

- Operational update [standing item]

Quiet at the moment.

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

- INDIGO IAM Hackathon took place on the **29th and 30th May, 2024** at **CNAF, Bologna**, event indico at: <https://indico.cern.ch/event/1401472/>

Networking News (Duncan)

[UK Mesh](#)

[Check_MK monitoring](#)

[Dune Mesh](#)

[perfSONAR certificate status](#)

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

Will follow up with Haruna offline.

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>

Meeting tomorrow. Probably no meeting next week.

IPv6 Everywhere

A call for v6 on all services is [here](#):

For our records: [Terry's v4/v6 translation work](#)

Twiki for WN IPv6 status - <https://twiki.cern.ch/twiki/bin/view/LCG/Wlcv6#IPv6Comp>

Lancaster wil NAT66 their network tomorrow.

Jumbo Frames/LHCONE/BGP Communities.

Some discussion about how entangled these are. Should take care to disentangle them.

Technical Update

Standing subjects:

-Documentation cleanup

Reminder to forward any articles to Darren as per his email from a while back.

-RHEL8/9 clone experiences:

Rob C is working on a wiki page listing rhel9 tweaks - very useful:

https://www.gridpp.ac.uk/wiki/RHEL9_systems

Also see Rob's work on ARC:

https://www.gridpp.ac.uk/wiki/ARC6_EL9

-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.

Who has moved? The original idea was only test new WNs?

Glasgow's ARM work etc updated the "main database" (the cern elasticsearch), did not update the wiki. Not systematically across all machines.

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](#)

62 Open UK tickets. No standouts.

News

None

AOB/Feedback for/from the PMB

Actions/Decisions from This Meeting

No Ops meeting next week due to IRIS Collab.

Start a new hepscore page in confluence like the old one:

<https://www.gridpp.ac.uk/wiki/HEPSPEC06>

Chat Window:

11:18:13 From Alessandra Forti To Everyone:

EL9 better than el8

11:21:03 From Rob Fay (Liverpool; he/him) To Everyone:

Just for information, EL8 finished full support as of end of May with its final minor release 8.10, so it's in maintenance support now through to 2029. EL9 is in full support until end of May 2027, maintenance to 2032.

11:30:54 From Alessandra Forti To Everyone:

It's all about central team recognising VP as a production piece of infrastructure

11:33:41 From Daniel Traynor To Everyone:

My batch system fell over, needed to kill several jobs to get stable running. Looks like the job state info was curated

11:34:11 From Daniel Traynor To Everyone:

Corrupted

11:53:42 From Alessandra Forti To Everyone:

I'm not going to be surprised but why I'm the only one mentioned.

11:53:58 From Daniela Bauer To Everyone:

For Matt: t2k/hyperk is definitely moving data at Lancaster right now:
https://fts00.grid.hep.ph.ic.ac.uk:8449/fts3/ftsmon/#/?vo=&source_se=root:%2F%2Ffal-pygrid-30.lancs.ac.uk&dest_se=&time_window=1

11:55:44 From Samuel Skipsey To Everyone:

Replying to "I'm not going to be ..."

To be honest, because when I think of Analysis Facilities stuff I just think of you immediately, nothing more sinister!