

GridPP Ops 11/6/24

Attending: Vip, Mike L, Brij , Linda C, Wenlong, Emanuele,Rob-C, Steven S, Rob F, Alessandra F, Gerard H, Benjamin Donnachie, Bruno, Daniela, Dan T, Dimitrios, Ian L, Mark S, Pete Clarke, Dan W, Sam S(late), Alex R, Raul

Apologies: Matt, Gordon, David C

Urgent Business

(keeping from last week) If you plan to attend the IRIS collaboration meeting in person, please sign up soon, IRIS needs the numbers for catering:

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

Also there's a call for presentations.

Actions from previous meetings.

No hard actions.

General Updates/Discussion

EL7 EOL

- Technical meeting on Friday (Alastair's email)

Less than 3 weeks left.

lcg-infosites is not as dead as we thought, rpms put into the wlcg repo (alongside many others).

Meetings: GDB this week, (Wednesday GDB slot), discussion about ARM.

indico: <https://indico.cern.ch/event/1356135/>

VO Updates

ATLAS (Brij/Jyoti):

- [ATLAS Software & Computing Week #78](#) Summary of the week, presentation in the upcoming [ATLAS Cloud support weekly meeting](#).
- [Last week's snapshot of ATLAS UK Cloud](#)
- Multiple sites commissioning and testing new EL9 CEs and endpoints
- Occupied CPU slots(HS23) way above pledge for all UK ATLAS federations [Link](#)

- Open ggus tickets - [in progress](#)
 - UKI-LT2-QMUL: deletion and transfer failures due to SSL error [167087](#)
 - This is due to problems in several storage nodes
 - UKI-SCOTGRID-GLASGOW: New ATLAS token issuer configuration for SE [166643](#)
 - UKI-SCOTGRID-GLASGOW has transfers errors with DESTINATION OVERWRITE [166202](#)
 - UKI-LT2-QMUL: Enable token support for storage [165967](#)
 -
- [Legacy VOMS retired for ATLAS VO](#) , from June 3rd, 2024: ATLAS IAM used for VO management.
 - [Next steps](#): cleanup legacy "lsc" files, production deployment of IAM on new infrastructure, updating "vomses", cleanup old IAM "lsc" and drop old IAM token issuer
 - Training for VO administrators
 - Basic [instructions prepared by WLCG](#) (end of April 2024)
 - Extended and presented in [VO management training](#) (mid of May 2024)
 - Material
 - [Instructions for VO administrators](#)
 - [Instructions for group managers](#)
 - [Documentation for new ATLAS VO members](#)
- Discussion on Virtual placement queues in ATLAS.
 - GridPP will take on the rucio development needed for better support of VP
 - A more centralised mainstream support is still needed for this to work
 - Monitoring also need work to get shifters to understand it without guessing the sites from xcaches IP addresses.

CMS (Daniela):

Blast from the past: CERN resorting to gridmap files:

“The VOMS phase-out is continuing. CERN EOS will disable VOMS queries tomorrow, and then access will be based on the gridmap file provided by CMS. For sites, we are still working on the phase-out, and sites are being contacted.” Given that CERN has been driving all of this, I leave it for the reader to ponder.....

Ticket round up:

RALPPD https://ggus.eu/index.php?mode=ticket_info&ticket_id=165977 CMS tokens on ARC. I had an email from Chris indicating it was fixed for CMS (but possibly not LHCb and Atlas) by moving away from its non-standard port for the AREX interface. (This all seems a bit weird, as the GridPP DIRAC instance seems to cope ?!): Ticket needs an update, please.

Bristol tickets on hold due to prolonged site downtime.

I'd forgotten about the RHUL phase out srm ticket, but it is now resolved:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=166707

If there are any stray T3 tickets, please let me know.

The token Tier 1 ticket could do with an updated timeline:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=165969

LHCb (Alexander):

General:

- LHCb drained during the weekend
- ETF tests
 - Token support for HTCondor CEs was added last week
 - A&R of UK sites was not affected by the issue anyway
 - Problems with GridFTP-based tests for ARC
 - Some ARC instances (supposedly EL9-based ones) are updating statuses of GridFTP jobs very slowly (see this [ticket](#)), that usually results in test timeouts
 - Affected UK sites:
 - RALPP
 - 2 out of 3 CEs affected, A&R intact
 - Oxford
 - Both CEs are affected
 - ECDF
 - Might be a different issue, see below
 - For the above sites a switch to https was made yesterday on preprod
 - Helped Oxford and RALPP, did not help ECDF
 - Will not work for sites using non-standard ports
 - That's why RALPP is migrating to standard ones

RAL T1:

- Network [issue](#) between RALPP and RAL
 - Impossible to establish a connection to one of the ECHO redirectors from RALPP
- Cvmfs [problem](#) on one of the WNs on the preprod farm
 - Ticket closed
- Vector read optimisation (follow-up on GGUS [ticket](#))
 - No updates

T2:

- Pilots are [failing](#) at QMUL
 - Problem is still present, looks like proxy is not propagated to the WNs
 - ENV/PROXY RTE was not added by default, fixed
- Pilots are [failing](#) at ECDF
 - No pilot submissions since Sunday, is something got stuck?

- Jobs are [failing](#) at Sheffield
 - No updates
- ETF tests are [failing](#) for Lancaster
 - A&R Recomputation should be [finished](#), ticket can be closed?
- ETF tests are [failing](#) for Glasgow
 - Looks like a permission problem
 - Tests are trying to execute `PROPFIND` request on `/cephfs/lhcb` directory
- Token-based job submission is [being set up](#) for RALPP
 - Investigation in progress, ARC devs involved

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>
- No jobs in Bristol since April 10th, investigating
(https://ggus.eu/?mode=ticket_info&ticket_id=167097)
- OSG has been pinged about the new EL9 CEs, no updates yet

Other VOs:

Please find the token configuration info here:

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

Daniela: I know I still need to test Liverpool wrt token and DIRAC, unfortunately I have been swamped with other stuff.

Meeting Updates

The next IRIS Collaboration meeting has been scheduled for **July 2 & 3** at Imperial College-registration open (need to arrange our own accommodation).

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

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

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

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

CHEP acceptance notifications expected ~mid-late June.

There was a Technical Meeting on the Token Transition last week:

<https://indico.cern.ch/e/1410697>

Yesterday there was an EGI Ops meeting:

<https://confluence.egi.eu/display/EGIBG/2024-06-10+notes>

UMD5 is still not around, official workaround is to use epel and/or the wlcg repo:

https://linuxsoft.cern.ch/wlcg/el9/x86_64/

Another thing to note is that official VOMS support is being extended for ~6 months and onto EL9. My assumption is that this applies to voms-admin too, although it wasn't explicitly listed. I'll look into it.

Tier 1 Status

(Tom B in the absence of anyone else)

Farm: New Xrootd IPv6 routing being tested to solve issues with external gateways.

CVMFS having some issues. The Stratum 1 being rearchitected. Intermittent issue where CVMFS gets unmounted from the wns... more to follow.

Security Brief

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

- Operational update [standing item]

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)

Waiting for perfsonar 5.1. This should be released within the next couple of weeks.

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>

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/WlwgIpv6#IPv6Comp>

(Where we still don't have IPv6 and what are the transition plans) ?

Review the twiki status

Jumbo Frames/LHCONE/BGP Communities.

A new standing item, arising from discussions at the WLCG workshop.

- Would be good to know the plans

Technical Update

Standing subjects:

-Documentation cleanup

-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

Alessandra has asked for the DN of one person from each site, in the format of the output of
`openssl x509 -noout -in user.crt.pem -subject -nameopt RFC2253`

Tickets/ROD

[UK GGUS tickets](#)

News

WLCG CentOS7 repo update

Looks like some genius added HTCondor 9 in the WLCG repo!

(Which is not supposed to be there, as we install and update condor directly from the HTCondor repo, and therefore keep control on the version.)

This triggered an unplanned AND unwanted global update on all our CentOS7 nodes, which in turn messed up the condor-disable script that we use to drain compute nodes before reprovisioning them to Alma9.

As a result, we have dropped a few thousand jobs from ~40 nodes last week.

Question: who is to blame and what was the motivation behind this genius move?

Site - GLASGOW

(Emanuele)

AOB/Feedback for/from the PMB

Actions/Decisions from This Meeting

Chat Window: