GridPP Ops 1/8/23

Attending: Matt, Tony, RobF, Gerard H, Mike L, Sam S, Jyoti, Pete C, Steven S, Dan W, Wenlong, Gordon, Alex R (late)

Apologies: Linda, James W, Mark S, Raul L, David

None

Actions from previous meetings.

230718-01 - All (some more then others). Post the site Network Monitoring information
https://gitlab.cern.ch/wlcg-doma/site-network-information

UKI-LT2-IC-HEP
UKI-SCOTGRID-GLASGOW
UKI-NORTHGRID-MAN-HEP
UKI-NORTHGRID-LANCS-HEP
UKI-LT2-QMUL
UKI-SCOTGRID-DURHAM – Cache only
UKI-SOUTHGRID-RALPP
UKI-SOUTHGRID-OX-HEP – Cache only
UKI-LT2-RHUL – Cache only
(see Tech Meeting https://indico.cern.ch/event/1280662/ and Alastair's mail to TB-SUPPORT
https://www.jiscmail.ac.uk/cgi-bin/wa-jisc.exe?A2=TB-SUPPORT;56a2f384.2307)

Next step would be to roll out the network monitoring to your site and give the URL for it.

Mike L notes that he can't log in to github with his lightweight account.

VO Updates

ATLAS (James/Jyoti):
General:
- No crucial issues, apart from LHC being down!

RAL:
- Problems over this weekend with failing transfers.

- - Gateways badly performed (exact reason for this still unclear).
    - Hammercloud set RAL offline intermittently. Gateways (and HC) happy for last couple of days.
  - Due to lack of LHCb jobs, ATLAS currently peaked at ~650k HS23 (average 346k for the week).
  - GGUS tickets:
    - RAL-LCG2_MCORE has failing jobs due to connection problems (https://ggus.eu/index.php?mode=ticket_info&ticket_id=162909).
    - RAL-LCG2 staging Issue "File not found" (https://ggus.eu/index.php?mode=ticket_info&ticket_id=162827).

Tier-2s:
- Brief issues with Manchester (failed httpd), now resolved.
- Networking problem between RALPP and RAL-LCG2. Possibly due to how RAL-LCG2 is configured to use LHCONE.
- Durham - a new RSE for Ceph based storage is in commissioning for ATLAS (https://its.cern.ch/jira/browse/ADCINFR-259) ;
  - Once commissioned, migration of DPM storage to take place.
  - Only Manchester will remain as final UK DPM / site that needs a migration.
- UKI-SCOTGRID-DURHAM_SL7_UCORE:
  - Offline.
  - Scheduled downtime: start time: 2023-08-01T08:00:00 UTC / end time: 2023-08-07T11:00:00 UTC
- GGUS tickets:
  - UKI-NORTHGRID-MAN-HEP transfer errors (https://ggus.eu/index.php?mode=ticket_info&ticket_id=162918).
  - UKI-SOUTHGRID-RALPP: Transfer failures as source due to connection errors (https://ggus.eu/index.php?mode=ticket_info&ticket_id=162812).
  - Stage-in timeouts at UKI-SCOTGRID-ECDF and UKI-SCOTGRID-ECDF_CLOUD (https://ggus.eu/index.php?mode=ticket_info&ticket_id=162928)

-Sam notes that the ECDF issues are likely due to Glasgow's link. Putting a redirector in place might help a bit.

CMS (Daniela):

Glasgow not running CMS SAM tests ends with CMS doing some soul searching on what they actually test: https://ggus.eu/index.php?mode=ticket_info&ticket_id=162830
Waiting for CMS to get back to Glasgow.
Bristol: CMS asks if there are any updates on the intermittent webdav write issues. I suspect the answer is "no", but the last update on the ticket was about 4 weeks ago:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=162466

Brunel still waiting for ARC7 for CMS tokens:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=158250

LHCb: (Alexander):

All:
- LHCb has insufficient number of production requests currently, that's why the number of running jobs is fluctuating

RAL T1:
- Connectivity issues from RAL WNs to SARA storage
    - Jobs from new generations of WNs (these nodes are connected to LHCONE)
    - Looks like asymmetric routing problem
    - Sara is involved
- Problems with ECHO -> Antares transfers
    - A change in the network configuration lead to loss of connectivity between ECHO and antares
- Authentication was broken for certain versions of xrootd at RAL WNs.
    - This is because XrdSecGSISRVNAMES env variable was not exported to apptainer, not a RAL issue
    - Fixed
- Issues with CERN EOS -> ECHO transfers
    - Network issues at CERN, not RAL's fault
- LHCb switched from webdav alias to the redirector
    - It works, though the issues with uploads are still present, unfortunately (maybe due to the lack of gateways)
- Long-lasting issues
    - Slow "stat" calls
    - Vector read
        - Failure rate is low, so we were able to close the ticket!
        - Though there is still some room for improvement (e.g. yesterday there was a spike of failed vector reads, because some ceph objects became inaccessible from WNs via local gateway)

T2:
- Pilot submission fails at RALPP
    - Some ports were blocked after network changes, fixed now
- CVMFS issues at RALPP
- Failed multicore pilots at Manchester
    - Looks OK after the switch to single core pilots
- Failed pilots at ECDF
    - Ticket is kept open, as requested
- Failed pilots at Brunel
- Consistency check for Glasow is pending
    - Since write access is enabled, two storage dumps are needed now

Dumps available now, just need to be sent.

"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 (JustIN) tests url:
            https://justin.dune.hep.ac.uk/dashboard/?method=awt-results

NTR

SKA:

NTR

Rubin:

Community meeting next week.

Other VOs:

General Updates/Discussion

Survey on Computing for Atlas Analysis / Analysis Facilities .
(Daniela found that questions were not really relevant for an Atlas T3 site. Shouldn't this have been a WLCG survey ?)
-More for the "local" group?

AF created a Mattermost channel for DC24 prep:
https://mattermost.web.cern.ch/gridpp/channels/data-challenge-24

Meeting Updates

GridPP50 Registration Closes **today** (if it hasn't already):

https://indico.cern.ch/event/1297834/

Let Sam know if you need any "extras" (family room etc).

HTCondor workshop in September- registration open: https://indico.cern.ch/event/1274213/
    -Hotel accommodation might be tight due to rugby, register and book sooner rather then later.

Tier 1 Status

"Summertime and the livin' is easy…"

It is very much business as usual at the Tier-1 with no issues of note to report.

Tier-1 Network upgrade (latest update on top)

Ask for an update next time.

6/6/23 2nd 100GE LHCOPN link has been connected to our router, but not handling any traffic yet (although we are intending to add routing information this week).
    13/6/23 2nd link should be in production use this week.

29/3/23 The 2020 and 2021 generation WN's successfully moved on to LHCONE last week.

20/3/23 The WN's on the new Tier-1 network will be drained this week to allow them to be migrated on to the LHCONE

Security Brief

New home for advisories: https://advisories.egi.eu

- Operational update [standing item]
- Site Security Challenges update

Site Security Survey: Thanks for all the responses.
    Targeting GridPP50 to have insights.

Standing links:
- SOC Hackathon: https://indico.cern.ch/event/1268239/

Discussion.

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
Note - AuthZ meetings moved to fortnightly Thursdays

Token Trust and Traceability WG: https://indico.cern.ch/event/1303454/

NTR

Networking News

UK Mesh
Check_MK monitoring
Perfsonar refresh - GridPP Wiki
Dune Mesh
perfSONAR certificate status
perfSONAR issues

Lancaster resinstalled their PS box last week. Some teething problems, like complaining about not running ntpd (on a box that runs chrony).

Some general discussion about perfsonar being temperamental.

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 storage meeting tomorrow (summer schedule)
xrootd 5.6 series getting bug patches now.
Lots of DC24 discussion.

Some Ceph discussion, Lancaster had fun after an NVMe popped on one host that threw cephfs readonly.
Rob C reminds of the important of updating firmware.

Technical Update

Standing subjects:

-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

-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`

-XRootD Shoveller Adoption/Other XRoot Monitoring

Tickets/ROD

UK GGUS tickets

35 Open Tickets this week.

It looks like the RHUL v6 ticket can be closed:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=131603

Glasgow close to fixing theirs too.

This Bristol ROD ticket hasn't been noticed:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=162471

I think the Brunel and Durham DPM migration tickets are pretty close to being able to be closed?

https://ggus.eu/index.php?mode=ticket_info&ticket_id=158826

https://ggus.eu/index.php?mode=ticket_info&ticket_id=158831

News

None

AOB/Feedback for/from the PMB

Next meeting will be the 15th of August

Actions/Decisions from This Meeting

No new actions.

Chat Window:

Dan Whitehouse: Debian have released a fix (not microcode, it sets the chicken bit on boot…)