GridPP Ops 20/04/21

Attending: Matt, Jose, WinnieL, Emanuele, RobertF, James W, BrianD, Gordon, DavidC, Vip, MikeL, RobF, Wenlong, RobC

Apologies: Sam, Dan, Terry, Raja,

Action from previous meetings.

20210316-02 - Raja, Contact the LHCB ETF test supporter. Renato contacted, things have been updated, tests should be fixed. Past tests may need to be repainted. Relook at LHCB tests after Easter.
Just VAC that still seems to be off:
https://etf-lhcb-prod.cern.ch/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fview.py%3Fview_name%3Dsearchhost%26host_regex%3Dac.uk%26filled_in%3Dfilter

Skipped due to no Raja.

20210323-01 - All, Sam. Update the self-signed, self-generated certificates on our perfsonars to something better (https://www.gridpp.ac.uk/wiki/Https_with_PerfSonar_4.3.4). Sam will keep an eye on the situation.
             [Ongoing as we can't just go get LetsEncrypt certs due to requirements on getting identity certs from a suitable CA]
Discussed at the UK Security Meeting.
Optimal option are JISC certificates - but these could have a cost.
CA certificates would require extra effort on CA side due to dual-homed hosts, and aren't always "trusted" outside the grid infrastructure.

David asks if sites would have difficulty getting a JISC certificate? Sites should check on this.

David notes that if you already have an escience certificate there's no rush.

Chris B has "some" experience with JISC certificates, and some recipes.

VO Updates

CMS (Daniela):

4 open tickets:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=151430 Brunel: Failing xrootd test due to certificate upgrade gone wrong, now fixed and can probably be closed.(now closed ;-)
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150734 Bristol/WebDav: Possibly best dealt with by giving a time line and putin git on hold

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150482 Tier 1/AREX progressing slowly. For a "very urgent" ticket, CMS doesn't seem to be all that interested.
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150399 Tier 1/WebDav waiting for xrootd 5.1.2
Otherwise: All sites green (well, T1 in partial downtime), nothing to report.
https://monit-grafana.cern.ch/d/m7XtZsEZk4/wlcg-sitemon-historical-tests?orgId=20&var-vo=cms&var-dst_tier=2&var-dst_country=UK&var-dst_federation=All&var-dst_experiment_site=All&var-service_flavour=All&var-dst_hostname=All&var-metric=All&var-status=All

ATLAS (James):

- Miss-assigned IPV6 GGUS tickets added to ATLAS scope (removed now); Any sites can update?
- RALPP; ATLAS writing data above Watermark; appears to have come from problem in SRM spacetoken.description reporting; under investigation with Chris
- Multi-job pilots now enabled on RAL Tier-1 (Test/analysis) queue
- Work continues for Susx config (worker node space issues).

LHCb (Raja):

Nothing new operationally - known issues pretty much all around
ETF tests are under review with a hope to eventually fix the vac sites - according to Renato who is maintaining the tests

"Other" VOs:

DUNE (Raja) :

glideInWMS configuration for the different sites :
http://gfactory-2.opensciencegrid.org/factory/monitor/factoryEntryStatusNow.html

SAM tests :
https://etf-dune-preprod.cern.ch/etf/check_mk/
--- Now also testing for the stash cache
--- following up with the sites
--- Monit link for history : Shows historical timeline of tests now
--- CRIC information ready. Using it for ETF tests now.
DUNE site naming agreed: UK-Sitename format.
--- https://dune-cric.cern.ch/core/experimentsite/list/
Wenlong is the DUNE UK data manager

Wenlong notes some GGUS tickets for the UK, problems were found when testing rucio. RALPP is being fixed, QMUL still having some permission problems. Liverpool problems should be fixed.

Liverpool: https://ggus.eu/index.php?mode=ticket_info&ticket_id=151360
QMUL: https://ggus.eu/index.php?mode=ticket_info&ticket_id=151364

SKA:

See Rohini's talk in last Friday's Technical meeting, lots of Rucio work there too.

LIGO:

Other "New" VO status:

New starter working on LSST metadata catalogue at Tier 1

General Updates/Discussion

Winnie asks how many people are 100% funded? A quick headcount is that there's only "whole" people at the larger Tier 2s, most of the rest are O(0.5).

Meeting Updates

GDB last week:
https://indico.cern.ch/event/876788/
Any take homes or highlights?

Dave's token talk was discussed. Still very much a moving target, but the shortness of the timeframe is noted (Run 3).
AF notes that it will be a gradual rollout in Europe - OSG are pushing their own way.

Technical Meeting last week on Rucio development:
https://indico.cern.ch/event/1028215/
Discussion on TB-SUPPORT about future technical meetings. A Token meeting was suggested.

There was an EGI OMB last Thursday that I missed, but checking the minutes I don't think there's anything our sites need to worry about:
https://indico.egi.eu/event/5479/

Tier 1 Status

ATLAS below pledge for the week , but still above for the month after CMS limit has been removed (so that CMS can get back to pledge). Observing to see what the steady state becomes.

RAL site firewall replacement tomorrow 0600-1000) external activities via firewall will be affected (mainly during first hour).

Installing a CMS specific xrootd proxy to improve external WN access.

Working on perfSONAR issue for failing esmond archive .

Test FTS at RAL should (hopefully) now have everything in place for TPC transfers. (not sure about macaroon capability). Please can WLCG VOs test.
New VO rep for LSST to test ingest into S3 on echo and incorporate into LSST butler system (their Data management system).

Tier-1 Network upgrade

Joining the LHCONE is part of the larger Tier-1 Network upgrade that we are doing. The upgrade plan was presented at the technical meeting on January 29th[1] and it remains on schedule. The next update is scheduled at the LHCOPN-LHCONE meeting on the 23rd March[2]. Access to the machine room is expected to be allowed this week. The cabling for the Tier-1 network is expected to be completed between the 16th and 19th March. The CTA network is currently being configured.

[1]https://indico.cern.ch/event/996031/contributions/4185620/attachments/2180652/3683446/Tier1Network20210129.pdf

[2] https://indico.cern.ch/event/983436/

Security Brief
- Operational update [standing item]
- Certificates for perfsonar

Networking News

UK Mesh:
https://psmad.opensciencegrid.org/maddash-webui/index.cgi?dashboard=UK%20Mesh%20Config

Check_MK monitoring:
https://psetf.opensciencegrid.org/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fview.py%3Fhostgroup%3DUK%26opthost_group%3DUK%26view_name%3Dhostgroup

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

Dune Mesh:
https://psmad.opensciencegrid.org/maddash-webui/index.cgi?dashboard=DUNE%20Mesh%20Config

Some discussion of Cambridge Perfsonar.

Note of upcoming Data Centre Internal Networking Meeting:
https://indico.cern.ch/event/1028690/

Storage and Data Management News

Historical: http://storage.esc.rl.ac.uk/weekly/
More recent minutes: GridPP Storage

(We continue to really want Xrootd 5.1.2 to come out for TPC support @ Xrootd-based sites)

Bristol v close to transition to Xrootd-HDFS site (difficult step of transitioning metadata/permissions for the existing DPM files to HDFS permissions model)

Ongoing SWIFT-HEP work with Tim Noble @RAL. [Would like the remaining sites mentioned in the spreadsheet to sign up to be tested as part of the initial Dteam Rucio setup Tim is testing with.]
https://docs.google.com/spreadsheets/d/1BrGLq80kM8XFRhrtxRLEmEFe99b7F6iD8De2ogPaDQg/edit#gid=0

Some discussion on this spreadsheet, Duncan queries the Imperial name settings and some wondering why the gocdb wasn't used. Some wondering about the protocols too. AF will email.

Duty Report

NTR

Tickets

[GGUS tickets ordered by date.](#)

46 UK Tickets this week.

All the extant IPv6 tickets had a bit of a shuffle this week, as they're being related to the WLCG VO (although there seems to be some confusion at the first attempt at this). Perhaps a good opportunity to update them if you haven't in the last few months.

There's a fresh snoplus dirac ticket where submission to the UK sites seems to be failing, likely discussed already in the meeting:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=151429

Daniela and Simon are on it.

Site News

NTR

AOB

Another reminder about quarterly reports. Really this time.

Pete C mentions that there should be a spot in these meetings where we can report any feedback we'd like to have for the PMB (if there is any). Seems like a sound idea.

Actions/Decisions from This Meeting

None new.

Chat Window:

Alessandra: can we discuss this spreadsheet?