GridPP Ops 07/12/21

Attending: Virtual

Apologies:

Action from previous meetings.

20210323-01 - All. 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).
          [Ongoing as we can't just go get LetsEncrypt certs due to requirements on getting identity certs from a suitable CA]
Optimal options are JISC certificates - but these could have a cost. CA certs are a viable alternative.
Wiki table to track progress:
https://www.gridpp.ac.uk/wiki/Perf2021sonar_Cert_Status
David notes that this is a prime candidate for the Working Group's attention. (WG progress in ,next week or so).
(People are invited, in general, to share their experiences with getting JISC certs with David.)
To get a UK CA certificate with SubjectAltNames see the documentation at:
https://www.gridpp.ac.uk/wiki/SubjectAltName
There will be an email concerning the upcoming host certificate taskforce later this week. Rejuvenate this action in light of the new taskforce.
Chris has a JISC cert at the moment, but last few certificates have changed the DN and stripped the altnames, so not sure it will work.
David says this should be raised at the STFC Information Security Group, and would like feedback if anyone has any similar experiences.

Please can sites update the [Perfsonar_Cert_Status](#) table, tickets on this will come if sites haven't.
--The tickets haven't come yet, and won't until the New Year now

20210907-01 - David C- put forward a person to be the site security threat intelligence contact. Email security team once a someone is picked. (Email David directly if you haven't yet)
-Technical meeting on SOC plans a few Fridays back: https://indico.cern.ch/event/1080356/
-Any sites not put someone forward yet? (no one)
-David C will send the update email(s)
Think this action is just about wrapped up?
Last act is to get all security contacts together in a virtual room before Christmas.

20211130-01 - Matt, Tom - email DIRAC users list advertising the test arc CE at RAL. Fell through the cracks last week. Matt will liaise with Tom and sort it this week.

VO Updates

CMS (Daniela):

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):
- Last night, many sites blacklisted due to an (ATLAS) expired certificates
- Brunel, still awaiting hardware
- ECDF:
    - New GGUS for failing transfers:
      Server certificate verification failed: certificate issued for a different hostname after 1 attempts
        - https://ggus.eu/index.php?mode=ticket_info&ticket_id=155199
    - Update needed for ACL DPM fix
- RAL-LCG2
    - Issues over Sat night / Sun, resulting in reduced WN capacity (ATLAS ran around 80% pledge over period).
    - TAPE staging now working via Multihop through Echo:

LHCb:

RAL:
- (https://ggus.eu/index.php?mode=ticket_info&ticket_id=154411) Waiting for LHCb to switch back to xroot
- (https://ggus.eu/?mode=ticket_info&ticket_id=154254) Any updates on this RE: getting GSIFTP to work? There have been no updates for 4-5 weeks now.
- (https://ggus.eu/?mode=ticket_info&ticket_id=142350) Any updates on this long term ticket on vector reads?

Tier 2:
- Sheffield (https://ggus.eu/index.php?mode=ticket_info&ticket_id=155198) Failed pilots, solved quickly. Thanks!

- Durham (https://ggus.eu/index.php?mode=ticket_info&ticket_id=155114) 'No space left on device' problems still occurring at some nodes. LHCb are trying to sort out a list but could this be looked at again please?
- Oxford: Vip asked about low efficiency jobs. It's likely that's an LHCb problem (only 1 core of the 8 being used). We're investigating...

"Other" VOs:

DUNE (Wenlong):

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

Storage monitoring site:
https://dune.monitoring.edi.scotgrid.ac.uk/app/dashboards#/view/318dbad0-727a-11ea-9164-a38a629544b4

2.18 PB data has been moved to UK sites. There was a DUNE UK Computing meeting on Monday. DUNE workflow milestones and deliverables were discussed. We also discussed how to use Antares in the DUNE computing sites meeting. We plan to use Antares from mid-2022 to backup mc/rec ProtoDUNE data.

SKA:

LIGO:

LSST:

Other "New" VO status:

General Updates/Discussion

Meeting Updates

Last technical meeting of 2021, a Token Round Up, scheduled for this Friday

GDB this week: https://indico.cern.ch/event/876796/
Especially not the security talk (that happens in the IRIS meeting lunchtime)

IRIS collaboration meeting:
https://indico.ph.qmul.ac.uk/indico/conferenceOtherViews.py?view=standard&confId=1201

WLCG Ops meeting last Thursday:
https://indico.cern.ch/event/1101195/
A heads up that there will be a campaign to put site networking information into the WLCG CRIC.

ACAT last week:
https://indico.cern.ch/event/855454/timetable/#20211201.detailed

Tier 1 Status

Tier-1 Network upgrade (latest update on top)

(08-11-21)

Moving a batch of WNs to new network.

        -Jose notes that in preparation these nodes will be drained, there will be a small reduction in capacity over the weekend.

Adding new Storage Nodes for Echo into the new network

Plan to Join LHCONE 1st/2nd Week December

Internal changes to current network needed for this ongoing 10/11/21 17/11/21 22/11/21

(25-10-21) New WN transition to the new network due soon- this week or next (we think).

(12-10-21) New network online, but no hosts on it yet. Working in progress. New worker nodes and storage will be put on it. Part of work is making the migrations easier.

(24-08-21) Connections and configuration of new RAL Tier1 network ongoing. Connections and configuration of Antares network ongoing.

 RAL Campus network upgrades complete which should allow for extra capacity , better diagnostics , and increase in IPv6 bandwidth to be planned.

Progress (but not complete_ configuration of new perfSONAR hosts).

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/

Brian- internal testing of CTA progressing

Security Brief
- Operational update [standing item]
- IRIS Security Forum meeting 23/11 (in the TWG slot, 3pm): https://indico.ph.qmul.ac.uk/indico/conferenceDisplay.py?confId=1359

For our bookmarks: https://csirt.egi.eu/news/

SOC/Safer Trust group section in this week's GDB

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

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

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.

Would like to have the January GDB DPM plans talk nailed down before Christmas.

Technical Update

(to include any Token News, Data Challenge work, "New" OS experiences)

New Data Challenge FTS dashboard: https://monit-grafana.cern.ch/goto/ZiPcsOD7k?orgId=20

Duty Report

Nothing to note this week.

Tickets

UK GGUS tickets

45 Open UK tickets this week. A few tickets can be closed.

Site News

AOB/Feedback for/from the PMB

Last meeting of 2021 will be Tuesday 21st December. First meeting of 2022 will be Tuesday 11th of January.

Matt is (probably) not available to chair next week.

Actions/Decisions from This Meeting

Chat Window:

No chat.