GridPP Ops 23/03/21

Attending: Matt, Emanuele,WinnieL, RobertF, David C, PatrickS, James W, Vip, Brian, Raul, SamS, Daniela

Apologies: Dan, Terry,

Action from previous meetings.

20210316-01 - Sam (?), Ask QMUL about their xroot version. Quite a soft action.
-Asked in meeting:
Version : 5.0.3
Release : 2.el7
from epel

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.

VO Updates

CMS (Daniela):

Tickets:
T1/WebDav: https://ggus.eu/index.php?mode=ticket_info&ticket_id=150399 Please update with upgrade time line.
T1/AREX: https://ggus.eu/index.php?mode=ticket_info&ticket_id=150482 work in progress
T2/Bristol/WebDav: https://ggus.eu/index.php?mode=ticket_info&ticket_id=150734
waiting for https://ggus.eu/index.php?mode=ticket_info&ticket_id=143083 (DPM upgrade, open since 2019) to be completed; though Luke gave an update indicating progress.

Otherwise all sites green. Happy Easter.

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):

- LANCS - 300k lost files from bad disk server
- GLASGOW - Downtime for issues with Ceph
- BHAM / CAM central fix to ATLAS submission framework allowing jobs to run again

- SUSX - Successful production tests; some fine-tuning might be required
- Number of DB updates for 30/31st March. (Central ATLAS and Frontier IN2P3/ Triumf - hopefully transparent.

LHCb (Raja):

RAL Tier-1

- ECHO streaming
    - https://ggus.eu/?mode=ticket_info&ticket_id=142350
    - Debugging ongoing
- Number of running jobs
    - https://ggus.eu/?mode=ticket_info&ticket_id=150679
    - stable / slow oscillation
- Possibly corrupt files
    - https://ggus.eu/?mode=ticket_info&ticket_id=150898
    - Waiting for further news from RAL
- Checksum issues transferring from CERN to RAL using FTS
    - https://ggus.eu/index.php?mode=ticket_info&ticket_id=151081
    - Ticket currently assigned to CERN.

“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

PC notes that DUNE is happy. DUNE needs to write to tape at RAL eventually (when RAL move to CTA). Wenlong testing with CTA at CERN in the meantime.

SKA:

NTR

LIGO:

NTR

Other “New” VO status:

NTR

General Updates/Discussion

NTR

Meeting Updates

HEPiX last week: https://indico.cern.ch/event/995485/timetable/#all
Any highlights/points of discussion (that we don’t want to leave until the storage meeting tomorrow).
Highlights to be highlighted in the specific parts.

ISGC this week
https://indico4.twgrid.org/indico/event/14/timetable/#20210322

LHCOPN meeting today.
https://indico.cern.ch/e/LHCOPNE46

Tier 1 Status

“Planned” emergency scheduled OPN RAL-CERN link intervention 26/03/21 20:00 til 27/03/21 07:00 (by provider)
CMS jobs limited to 3k job slots.

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
- HEPiX Security Update
- ISGC Security Workshop [slides coming soon for threat intelligence]
- SOC WG coordination meeting next week
    - Pushing into new regions
    - Relevant to next IRIS Security workshop (central logging/threat intelligence)

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

Problems with RALPP/Tier 1 latency servers.

Rob C has some PS comments. https is not set up correctly - initialised a self-signed cert, which has no automatic renewal process (so expired). Firewall started intercepting traffic. Rob set up letsencrypt for their perfsonar boxes.
Rob's experiences chronicled here:
https://www.gridpp.ac.uk/wiki/Https_with_PerfSonar_4.3.4

Some discussion of certificate renewal solutions - it seems a good idea to have "proper" certificates.

We should ensure we don't have expired certificates on our perfsonars - and probably should set up Rob's letsencrypt or similar.

We'll set that up as an action!

Storage and Data Management News

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

[Xrootd4 "retirement" - some concerns re the lack of a really really excellent Xrootd5 release that also supports HTTP/WebDAV.]

HEPIX Storage Contexts discussion in meeting tomorrow. (and ISGC)

Duty Report

Seems quiet - more tickets being closed then opened.

Tickets

GGUS tickets ordered by date.

44 Open UK tickets this week.
Durham LHCB ticket:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=151039
Seems a bit confusing, looks like it maybe hasn't been noticed by the site though.

No doubt mentioned earlier in the meeting, the LHCB number of jobs at the Tier 1 ticket is reopened:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150679

That doesn't appear to be many other standouts (after some pruning), but I do notice quite a few tickets creeping towards 3 months without an update.

Site News

NTR

AOB

Matt AFK over Easter - I think we'll skip the next two meetings. Next meeting will be the 13th of April.
Sam notes that Storage meeting

Actions/Decisions from This Meeting

Set up a standing action regarding the self-signed perfsonar certificates. Sam will scan our perfsonars.

Chat Window:

11:01:21 From Caballero Bejar, Jose (STFC,RAL,SC) To Everyone : Will join the meeting for just 15 minutes. There is an STFC Webinar start at 11:15
11:04:49 From Daniela Bauer To Everyone : @Dan: Jon asks why your aren't racking stuff ;-)
11:05:46 From Daniel Traynor To Everyone : Version : 5.0.3
Release : 2.el7

11:06:04 From Daniel Traynor To Everyone : from epel
11:41:29 From Robert Currie To Everyone :
https://www.gridpp.ac.uk/wiki/Https_with_PerfSonar_4.3.4
11:44:28 From Samuel Skipsey To Everyone : the same kind of messages Fire services used to sent to potential clients about how flammable their houses looked.
11:58:22 From Vip To Everyone :
https://www.theguardian.com/science/2021/mar/23/large-hadron-collider-scientists-particle-physics
12:02:54 From Daniel Traynor To Everyone : miss having the expriment updates in the collaboration meeting