GridPP Ops 09/03/21

Attending: Matt, WinnieL, Duncan, James W, SamS, MarkS, MikeL, RobC, RobertF, Emanuele, PatrickS,Raul, Gordon, Jose, IanL,Brian

Apologies: Dan, Terry

Action from previous meetings.

20210302-01 Matt to contact Birmingham, Sheffield
Both sites got back - Mark believes the site should now be working for LHCB, but the Atlas issues remain an unknown for which he needs support. The site is running at a reduced capacity due to AC problems though. Mitch has just had a bash at getting Dune enabled on the Sheffield ARGUS, and will update the ticket shortly.

VO Updates

CMS (Daniela):

From the "Notes to the T2s":
"Overall this was a quiet week for sites, and production continues successfully.

Sites should be aware of the upcoming transition to token authentication as OSG moves towards the end of Globus support next year. See the WLCG presentation on this at https://indico.cern.ch/event/1012467/contributions/4248851/attachments/2201884/3724452/WLCG-Ops-Tokens-Globus-210304-v10.pdf.

ARC CE: same as last week, work is in progress, best not to upgrade to v6.10."

Tickets:
Tier 1:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150399 (WebDav, on hold)
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150482 (AREX, David Crooks working on it)
Tier 2:
Bristol:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150734 (WebDav, could do with an update)
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150691 (SE problems, could do with an update, solved?) (YES SOLVED!)
RALPP:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150735 (WebDav, could do with an update)
Brunel:
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150730 (WebDav, work in progress)

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):
- Attempting to get more Analysis user jobs to run at RAL
- FTS3-atlas (Cern instance) likely upgrade next Tuesday:
    - Mitigating actions to be taken, but may see some disruption
    -

Birmingham - VAC VMs getting access denied when trying to talk to atlas condor.

LHCb (Raja):
- LHCb briefly ran out of MC simulation jobs to run on Sunday - dip in number of running jobs on the grid
- RAL Tier-1:
    - Number of running jobs went down on Sunday
        - Container issue. Fixed now
    - ECHO streaming issue
        - Ongoing / Waiting for fix to xrootd - CEPH interface
- Failed jobs at Bristol
    - https://ggus.eu/?mode=ticket_info&ticket_id=150872
- Cambridge - turning off?

Birmingham working, but some mismatch in the number of jobs the site and VO think are running.

"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

Sheffield - https://ggus.eu/index.php?mode=ticket_info&ticket_id=148355

SKA:

NTR

LIGO:

NTR

Other "New" VO status:

A (small) subset of hyperk.org jobs running at Lancaster saw this error message when trying to upload to the DFC yesterday:

2021-03-08 17:11:16 UTC dirac-dms-add-file WARN: Issue getting socket: <DIRAC.Core.DISET.private.Transports.M2SSLTransport.SSLTransport object at 0x2b89d3b0e810> : ('dips', 'dirac01.grid.hep.ph.ic.ac.uk', 9197, 'DataManagement/FileCatalog') : [Errno 101] Network is unreachable:error(101, 'Network is unreachable')

2021-03-08 17:11:16 UTC dirac-dms-add-file WARN: Non-responding URL temporarily banned dips://dirac01.grid.hep.ph.ic.ac.uk:9197/DataManagement/FileCatalog

2021-03-08 17:11:16 UTC dirac-dms-add-file INFO: Retry connection : 1 to dips://dirac01.grid.hep.ph.ic.ac.uk:9197/DataManagement/FileCatalog

2021-03-08 17:11:16 UTC dirac-dms-add-file INFO: Waiting 2.000000 seconds before retry all service(s)

Was there some accidental DDOSing going on? Or just a glitch?

Pete C notes that hyperk are a good "iris candidate".

General Updates/Discussion

Meeting Updates

OSG all hands meeting last week:
https://indico.fnal.gov/event/47040/timetable/#all.detailed
Interesting that OSG is moving to CEPH (Octopus)

Technical Meeting last Friday on HEPScore:
https://indico.cern.ch/event/1011171/
Interest in non x86 chipsets (ARM)

WLCG Ops meeting last Thursday, useful talk on the recent ARC issues, as well as an
interesting discussion on Tokens:
https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes210304

EGI Ops meeting yesterday:
https://indico.egi.eu/event/5452/
https://wiki.egi.eu/wiki/Agenda-2021-03-08

GDB this week: https://indico.cern.ch/event/876787/

Tier 1 Status

CERN OPN service will be interrupted for approximately 5mins on Wednesday 10th
(0900-1030), while Digital Infrastructure performs border router Firewall upgrade.

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/Tie
r1Network20210129.pdf

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

Security Brief

- Operational update
- IRIS Security Workshop, Feb 10: https://indico.cern.ch/event/1002953/

HEPiX next week.
ISGC week after, with Security meeting (with another go at the Container training).

SOC meeting tomorrow. Aim to grow scope over the coming year.

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

Duncan submitted a few tickets - specifically seeing problems with Tier 1 Latency server and RALPP network. ECDF and RHUL also got tickets.

Rob notes that their server is responding, but doing so really slowly (timing out downloading archive). Will try to reboot the box. Duncan will raise this with the devs.

Storage and Data Management News

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

A quite long discussion on if we need to start *storage* benchmarking again [given, for example, the context of the very long ZFS resilver times]. A few emails exchanged re fio, blktrace etc after this - we also need to understand *what* we want to benchmark [not just io perf but also rebuild times for raidsets versus resilience (esp considering the RAID6 performance horizon). etc].

Some progress on Oxford Cache config too.
[See also the OSG All-Hands discussion, which sets a context for both the TPC + SciTokens transition - also affecting security re capability versus identity based security; and also for the growing interest in ceph-based solutions.]

Will discuss some benchmarking opportunities tomorrow.

Duty Report

NTR

Tickets

[GGUS tickets ordered by date.](#)

48 UK Tickets this week.

Make sure you clean up those test tickets Brian! Otherwise tickets look okay to my eyes.

Site News

RHUL lost some files, Matt and Sam will provide some support in clean up.

AOB

Gareth asks if anyone sees any mail delivery problems using 365? Looks like a Glasgow thing.

Actions/Decisions from This Meeting

None

Chat Window: