GridPP Ops 02/03/21

Attending: Matt, SamS, Emanuele, Vip, Jose, MikeL, RobC, Brian, Gordon, PatrickS, AF, Darren, Winnie, Daniela.

Apologies: David, James

Action from previous meetings.

230221-01 Brian, a "soft action" to find out about the RAL CTA roadmap for na62. Will pass along to the storage meetings. Will close.

VO Updates

CMS (Daniela):

Fairly quiet. All sites currently green
Overlooked ticket at Bristol (non-urgent):
https://ggus.eu/index.php?mode=ticket_info&ticket_id=150734

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):

- Central issue with Harvester job submission on Sunday pm (did not affect aCT jobs).
    - Resolved by ~ midnight; UK sites recovered quickly
- RAL: ATLAS (and CMS) capped to 100% Fairshare, to enable investigations for LHCb 'low-running jobs'.
- Moving to HTTP-TPC as prefered 3rd party protocol by May.
    - Will review on Thursday's atlas meeting.
    - Some discussion about RHUL.
- Additionally; also for WAN/LAN, http will be preferred (with root as option)
    - Lancaster switched, site didn't notice
- PC asked for an overview, AF points to:
    - UK status (2020/03/01)
- SRR should be reviewed and ensured is correct at each site (DPM is automatic).
    - Ahead of the game here in the UK
- BHAM and CAM remain offline

- Matt will talk to Mark

LHCb (Raja):

RAL Tier-1:

ECHO streaming issue : Ongoing

Low number of running jobs : Fixed(?)

Issues at Tier-2 sites (GGUS tickets)

Question about AREX processes (tb-support) critical at multiple sites.

Gareth enlightened us on what's going on.

"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

EFT testing failures (UK only)

```
----------> HoldReason = "The system macro SYSTEM_PE
arcce03.esc.qmul.ac.uk
https://etf-dune-preprod.cern.ch/etf-raw/dune.Role.Production/scondor
/arcce03.esc.qmul.ac.uk/etf.log
Sheffield :
https://etf-dune-preprod.cern.ch/etf/check_mk/view.py?host=lcgce1.she
f.ac.uk&service=org.sam.CONDOR-JobSubmit-/dune/Role=Production&site=e
tf&view_name=service
```

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

-- What is the status?

Matt will email Mitch and Elena.

Mainly using RAL cloud, AF will let us know when the GPUs arrive.

LIGO:

Next year before we get a lot of work.

Other "New" VO status:

vo.cta.in2p3.fr running a big production run at the moment, but only at Lancaster/Imperial. Matt notes their jobs are RAM hungry.

General Updates/Discussion

A word from Gareth.

Meeting Updates

Jose notes the OSG all hands meeting:
https://indico.fnal.gov/event/47040/timetable/#all.detailed

Some of interest talks, especially Wednesday/Friday.

Technical Meeting this Friday on HEPScore. Relevant to all of us as we all run compute.

Last week was the DOMA general meeting. All http-tpc will be pressure tested later this year with data challenges.

Tier 1 Status

Altered fairshare on condor to alleviate LHCb low job numbers.

Investigating why RAL and ATLAS 100% pledge value differ (historical rounding errors compounded by the fairshare restriction).

Ongoing firewall upgrades scheduled for the 8th is provisionally delayed as a result of the telephony issues encountered with the first upgrade last week.

PC mentions LHCOne status - there's a plan and there's a work in progress.

Will add an LHCone update to the Tier 1 status section to look at each week.

Security Brief

- Operational update

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

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

PC says a few words, asks about IPv6.
PG notes that less pressure being able to be exerted by the smaller sites makes IPv6 a "harder sell".
Come back to this ~ end of April.
PG also notes that turning on enabling IPv6 isn't a free operation for sites- takes effort.

Storage and Data Management News

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

Successful tests of the Oxford-RAL cache [a bit of fine tuning needed].
- Telemetry being sent to ECDF, Rob working on getting this monitoring accessible.

(More sites being enabled for HTTP-TPC for ATLAS - see Alessandra's list)
Note that LHCb is definitely now wanting to default to HTTP-TPC for FTS asap (and Glasgow is having a chat with them re this)

Duty Report

NTR

Tickets

[GGUS tickets ordered by date.](#)

47 UK Tickets this week.

Bristol mu3e ticket: https://ggus.eu/index.php?mode=ticket_info&ticket_id=148932
A quick ldapsearch seems to show things have been updated on the CE - but not on the ticket...
:-)
Bristol CMS webdav ticket: https://ggus.eu/index.php?mode=ticket_info&ticket_id=150734
Looks like this one might have been missed (probably mentioned earlier in the meeting)
Liverpool LHCB ticket: https://ggus.eu/index.php?mode=ticket_info&ticket_id=149195
No news on this one, I'll repoke the chaps at Liverpool
  - Poked earlier in meeting, nothing the site can do to fix the ~few % transfer failures. Will relay this in the ticket.

Sussex ROD ticket: https://ggus.eu/index.php?mode=ticket_info&ticket_id=150771
Just submitted at the weekend - looks like the CE is a little off (although some tests are passing).

Glasgow hopefully solved all their storage tickets.
Raul notes that he's seen a similar to the NIC negotiating down problem before due to multiple routing. Worth checking - saw similar issues at Liverpool. Raul has a server that might help.

Site News

NTR

AOB

PC asks Daniela about using DIRAC to backfill the Cambridge DIRAC. Some work was done.

Actions/Decisions from This Meeting

Matt to contact Birmingham, Sheffield.

Chat Window:

11:02:21 From Caballero Bejar, Jose (STFC,RAL,SC) To Everyone :
https://indico.fnal.gov/event/47040/timetable/#all.detailed

11:14:31 From Alessandra Forti To Everyone :
https://indico.cern.ch/event/1013065/contributions/4251898/subcontributions/330130/attachments/2198261/3718572/DDMEndpoints%20list%20UK.pdf
11:25:43 From Alessandra Forti To Everyone : :(
11:27:04 From Terry Froy To Everyone : I went the other way - from central IT to GridPP - and the grass is definitely greener on this side :-P