

GridPP Ops 27/04/21

Attending: Matt, Raja, Sam, Jose, WinnieL, James W, Gordon, PatrickS, MikeL, Vip, DavidC, Emanuele, RobC, BrianD

Apologies: Duncan, Raul

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

Raja was awaiting feedback from Renato on the VAC tests - ongoing revamp of the test suite.

Wait on this until after the revamp.

Close this, and revisit in a month or two.

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. (Distributed on TB-SUPPORT)

Reminder to sites to check the "local" availability of JISC certs.

David suggests listing the status on a wiki table - sounds like a good idea.

Matt will create the wiki table after the meeting:

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

VO Updates

CMS (Daniela):

All sites green, part from RAL which has a down time.

“Starting on Thursday SiteMon will start using CRIC as its source of topology information. We’re told that this should be transparent to sites and has been thoroughly tested.” (I’ll leave it at that.)

Tickets:

If you upgrade your ARCCE to 6.11.0 or higher and run CMS jobs, please check this ticket:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=151515 (Brunel hasn’t upgraded yet, so this is a Change Request and not an Incident ticket.

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150734 WebDav Bristol - could probably do with a update

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150482 Tier-1 might need some help with their AREX setup.

> This led to some discussion about the wlcg-arc-ce-discuss@cern.ch mailing list, which was new to some of us.

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):

- ATLAS attempting a review of currently established queues providing limited resources / esoteric configurations (with limited support): which can already be disabled, and which sites/queues need discussion on how to proceed).
- Oxford: ATLAS Configuration issues (rucio movertool trying to use xcache endpoint)
- RAL: SRM file transfer issues over weekend; solved Monday
- RAL: PIC <->RAL routing issues (followed up in LHCb ticket); PIC side problem?
- Glasgow: reduced jobs running from Disk issues
- QMUL downtime for SE upgrades
 - All relevant endpoints declared in GOCDB / correct starttime ?
 - Space reporting upset triggered secondary deletions (should be fixed with upgrade)
- RALPP from spacereporting issue reported last week, overfilling disk. Greedy deletions triggered: ~ 400TB of Secondary data removed.

We will check today to make sure that the QM downtime also correctly triggers a shutoff for Sussex and IC.

Jose is the developer of Switcher, so any problems let him know.

LHCb (Raja):

RAL Tier-1

- PIC->RAL transfer issues, probably PIC routing problem :
https://ggus.eu/?mode=ticket_info&ticket_id=151498
- ECHO streaming : Ongoing. Waiting for fix.
- Data corruption : Not understood for now. Will need to look again if it recurs
- CTA -> RAL transfer issues : Waiting for fix (probably with xroot 5)
- FTS macaroons : Possibly fixed by upgrade of RAL FTS. Under testing by LHCb.
- Space reporting issue - fixed now

QMUL : Data transfer issues probably related to downtime

DIRAC switching to using arc6 binaries in job submission

- Crossing fingers

“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

Tickets open against QMUL, Liverpool, RAL-PP, Manchester

- Mostly permission issues, fixed everywhere but QM. Wenlong testing http access then will close tickets.
- Raja notes that DUNE isn't set up in GGUS properly, so the responsibility to close the tickets is on the site.

SKA:

NTR

LIGO:

NTR

Other “New” VO status:

NTR

General Updates/Discussion

Atlas “officially” debating the future of VAC submission support.

The Cambridge site decommissioning has entered the final phase, with the site suspended for 90 days prior to deletion from the gocdb. Thanks again to John for all his effort.

With the PMB’s blessing we approached UCL (more specifically Ben at UCL) about decommissioning their site, relevant considering the recent ticket to the site:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=151489

Meeting Updates

Alastair has suggested a pre-GDB on WNs. Aiming at July.

Otherwise another quiet week for meetings (the months seem to be front-loaded with them).
Anything I’ve missed?

Tier 1 Status

Some discussion of the firewall upgrade - noted how some VOs saw better efficiencies despite running at a degraded state.

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 perfonar

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/Perfonar_refresh

Dune Mesh:

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

Storage and Data Management News

Historical: <http://storage.esc.rl.ac.uk/weekly/>

More recent minutes: [GridPP Storage](#)

(SWIFT-HEP work continues on Rucio - I hope that we responded adequately to the questions from Ops last week.)

We *will* have a "ceph focused" Storage Meeting not this Wednesday but next.

Some discussion about the Oxford xcache - a debugging session is being called for. Vip sees nothing in the logs [and no contacts], but tests have been trying to access it (and were previously working, with no changes).

Technical Update

I've revived this section to discuss developments in areas like Token adoption. There's a Token technical meeting pencilled in for the 7th.

Duty Report

NTR

Tickets

[GGUS tickets ordered by date.](#)

46 Open Tickets this week.

https://ggus.eu/index.php?mode=ticket_info&ticket_id=151521 This Glasgow ticket hasn't been spotted.

I've had to set a few tickets "In Progress" manually, remember if you're working on a ticket, it's in progress. It is possible for us to be "judged" on this (although it hasn't been an issue for a while so I don't know if this metric is still being measured).

No other tickets stand out to my (light) skim.

Site News

NTR

AOB/Feedback for the PMB

Final reminder about quarterly reports.

Project Management requests:

- (approx) timetables for any delayed hardware installs [for already procured hardware] due to COVID19, for all sites, please. [This isn't a punitive thing, it's an informational thing!]

https://gla-my.sharepoint.com/:x/g/personal/samuel_skipsey_glasgow_ac_uk/EYRXm6nftYBEvi3RU1S77nkBWW9Xt4N6ehPJE3OW9mre7g?e=YHwwi0

- Site internal escalation procedure documentation.
https://gla-my.sharepoint.com/:w:/g/personal/samuel_skipsey_glasgow_ac_uk/EYXKFec8c1LvORVVv5kIxIBeTvzXeil96xR7mY4a7D8kg?e=5IHdKH

Actions/Decisions from This Meeting

Fill in the documents Sam linked.

Matt will create a table for the personar cert status.

Chat Window:

11:18:12 From Daniel Traynor To Everyone : There was a dhcp issue now solved

11:59:32 From Daniela Bauer To Everyone : Pick up the phoe and shout at people ? Nothing scares a sysadmin more than a phone call...

11:59:40 From Winnie Lacesso To Everyone : Apologies - gotta go

12:00:39 From Brew, Chris (STFC,RAL,PPD) To Everyone : @Daniela, quite, though Covid more or less prevents me from going and sitting on the head of networkings desk until it gets fixed.

12:01:10 From Brew, Chris (STFC,RAL,PPD) To Everyone : Well I can go and sit on it but it wouldn't bother him because he's not there.

12:02:04 From Patrick Smith To Everyone : Need to go, Apologies..

12:03:29 From Brew, Chris (STFC,RAL,PPD) To Everyone : Good for me

12:03:33 From Daniela Bauer To Everyone : @Chris: I accumulated a bunch of mobile phone numbers over the years