

GridPP Ops 06/10/2020

Attending: Matt, Raul, SamS, WinnieL, Rob-C, James W, emanuele, Wenlong, Duncan, RobertF

Apologies: Gareth, many (everyone?) from the Tier 1

Action from previous meetings.

*190618-02 Duncan - form a plan for the future of perfsonar for GridPP sites.
Current outlook is multiple meshes - LHC VO's, Dune and local (UK):

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

Perfsonar technical meeting last Friday:

<https://indico.cern.ch/event/960913/>

Please keep the wiki page up to date:

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

*220920-01 - All sites that have Sno+ data provide dumps to Brian as part of LFC Migration

Any outstanding Brian?

Imperial only have 6 files!

I have received the dump from Lancaster; still need it for QMUL , Liverpool and Oxford.
(but since Oxford are going disk less, it might just be an idea to start the decom process of supporting SNO storage)

*200929-01 - All. Register for GridPP45, volunteers for talks still welcome:

<https://indico.cern.ch/event/958025/>

Agenda not as empty as it appears! But still not too late to suggest topics.

VO Updates

CMS (Daniela):

All hail the new Grafana based monitoring

https://monit-grafana.cern.ch/d/m7XtZsEZk4/wlwg-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

From the monitoring:

T2:

Brunel: Storage problems ?

IC: Looks OK

Bristol: Looks OK

RALPP: Storage ?

T3:

RHUL: Looks OK

Oxford: Looks OK

QMUL: Networking (wasn't Terry looking into that?)

From the T2 announcements:

If you haven't heard already: CMS, in collaboration with WLCG, is in the midst of a transition to token-based authentication for third-party file copy, i.e. the sort of thing that we do to transfer files around via PhEDEx and Rucio. We need your help, as this will be more and more important to CMS in 2021. **Thus our goal is for sites to implement HTTP TPC by the end of the calendar year.** Please start looking into this if you haven't already! You might need to upgrade your storage management version to achieve this. Useful links:

<https://twiki.cern.ch/twiki/bin/view/LCG/ThirdPartyCopy>

<https://twiki.cern.ch/twiki/bin/view/LCG/DCacheConfig>

<https://twiki.cern.ch/twiki/bin/view/LCG/HttpTpc>

<https://twiki.cern.ch/twiki/bin/view/CMSPublic/XRootDoverHTTP>

We actually saw a ramp down in resource usage over the weekend because of an issue with exceeding EOS disk quota; this has been resolved and we should be ramping back up again now.

[followed by emails from site admins expressing doubt about the readiness/robustness of it all]

LHCb:

RAL Tier-1

ECHO streaming issue ongoing

One LHCb user not able to access data at RAL - under investigation by RAL admins

Number of running jobs at RAL slightly down - probably due to the ARC CE publishing incorrect numbers for some time

Some old Tier-2 tickets (to be checked up later) :

Manchester : https://ggus.eu/?mode=ticket_info&ticket_id=148004

Sheffield : https://ggus.eu/?mode=ticket_info&ticket_id=145983

ATLAS

- RALPP, OX, (HC) LANCS (Switcher) offline
- ATLAS to start moving workflow into 'Data-carousel model'
 - More AOD on tape; AOD will be secondary on disk (after X days) (slight differences for MC / Data).
- Glasgow: Decommissioning of DPM Datadisk to begin; deletions from datadisk ongoing (from previous failed disk server).
- Majority of GGUS tickets on-hold or long-standing issues.
- Interest from Xrootd team to survey number of Xcache instances in UK.

Discussion of how best to make experiments aware of xroot caches. Comparison to squids. Important to note that there's many different types and use cases for xcache. Some it doesn't make sense to advertise.

“Other” VOs:

DUNE :

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](#)

--- 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

Dune UK meeting yesterday. DUNE perfsonar mesh was mentioned by Terry.
Some discussion how best to do this. We think this is automagic? Some confusion as still a number of perfsonar hosts down in the UK.
Duncan will liaise with Terry.

Bristol reconfigured within DUNE.

- Is CVMFS repo /cvmfs/dune.osgstorage.org properly mounted there? WL: YES on 7-OS WN (DUNE should send to lcgce02.phy.bris.ac.uk) not on 6-OS WN (DUNE should not send to lcgce01.phy.bris.ac.uk)

LSST:

Work finished, so likely no updates until LSST start ramping up for the next DC3.

SKA:

Useful kickoff meeting with others last week. Working groups between LHC experiments and SKA.

Agenda: <https://indico.cern.ch/event/952623>

CTA:

NTR

LIGO:

Jobs not seen at Glasgow yet. We will poke.

Other "New" VO status:

Brian's Request for Sno+ dumps for the DFC migration.

Link to published resources:

<https://operations-portal.egi.eu/vapor/resources/GL2ResVO?VOfilter=snoplus.snolab.ca>

IC, QMUL, Lancs, Liverpool, Oxford

Still outstanding as of this meeting: qmul, liverpool, oxford

Mu3e :

Preliminary job tests completed using DIRAC and singularity container on cvmfs.
80 TB of disk stress-tested in Liverpool and ready to be (already?) deployed.

Currently our jobs only access nodes on the LANCs site, will file a ticket for other sites: filing tickets individually to each site , or how do I do this?

Any volunteers? Raul from Brunel steps forward!

General Updates/Discussion

September A/R reports:

<http://monit-wlcg-sitemon.web.cern.ch/monit-wlcg-sitemon/reports/2020/202009/wlcg/>

Atlas: QMUL, Sheffield not great, ECDF a little rough

CMS: All Okay

LHCB: Figures all over the place (0% at some sites - but is this a VAC thing?). I think they're good where they count though.

Meeting Updates

WLCG Ops Coordination meeting last week:

<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes201001>

Biggest take home was that legacy (i.e. cpp) voms looks like it's being picked up again.

Next week looks quite busy:

Virtual HEPiX all week- <https://indico.cern.ch/event/898285/overview>

EGI CVMFS for containers webinar on the 16th - <https://indico.egi.eu/event/5251/>

Registration required for both.

Tier 1 Status

Publishing problems ongoing. Streaming issues being looked into.

Security Brief

- Vulnerability advisories
- NCSC advice

[\[https://www.ncsc.gov.uk/news/alert-issued-following-rising-attacks-on-uk-academia\]](https://www.ncsc.gov.uk/news/alert-issued-following-rising-attacks-on-uk-academia)

Linda gives us some advice that might be a bit out of scope, but update your stuff that might be affected by the thing.

SVG scope being firmed up. DEG still being worked on.

Storage and Data Management News

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

More recent minutes: [GridPP Storage](#)

Tomorrow will discuss xcache.

On Duty Report

Daniela: Quiet week last week. I got rid of the eternal UCL ticket by setting their APEL monitoring to not in production/service as it clearly isn't, otherwise it would have been fixed after 1+ years ;-)

Technical Update

NTR

Tickets

[GGUS tickets ordered by date.](#)

Review of all the tickets:

[Tickets-05-10-20](#)

Should Matt regularly start closing tickets that look like they could be closed? Will ask over email.

Site News

NTR

AOB

Worth keeping this here for another week:

Update hepspec table if you have new kit!

<https://www.gridpp.ac.uk/wiki/HEPSPEC06>

Actions/Decisions from This Meeting

Carlos will contact Raul about enabling mu3e at Brunel.

GridPP indico page will be updated ahead of next week's meeting.

Matt will email TB-SUPPORT about closing tickets.

Chat Window:

Nothing to add.