

GridPP Ops 19/01/21

Attending: Matt, Duncan, RobertF, SamS, Vip,WinnieL, Daniela, Emanuele, Brian, Darren, RobCurrie,Raul, Wenlong, PeteC, A Forti, R. Frank, DavidC, Mike L, James W, Pete Gronbech

Apologies:

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>

Please keep the wiki page up to date:

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

Also there's the Dune mesh:

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

Wiki updated with RHUL and Birmingham updates.

Brian asks how useful Perfsonar was in determining the recent troubles with QMUL -> TRIUMF traffic (where jumbo frames were being blocked enroute)?

Duncan notes that the QM perfsonar isn't up and running, but Duncan had investigated using the Oxford PS box (to look at historical routes).

Duncan notes that Terry did the heavy lifting though. Dan also had used historical knowledge of their old perfsonar to help with the diagnosis.

Duncan notes the new UK Mesh Config - UK IPv4 Disjoint Bandwidth meshes on the dashboard.

*201215-01 Many - review LHCB ETF test problems - which are well off for a few sites. Work interrupted by the holidays. Manchester were failing tests, despite running 4k cores-worth of LHCB jobs fine. Gareth had looked into the VAC test problems, broken due to trying to contact a long gone server.

Gareth has submitted a ticket for the LHCB test problems:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150195

Andrew is working on it.

*210112-01 Raja, Matt - email LHCB VAC sites whose status is unknown (Liverpool, RHUL, Manchester).

RHUL - no longer running VAC (and indeed they have no entry in the gocdb)

Liverpool - also no longer running VAC, will remove it from the gocdb.

Manchester -running mainly as a testbed these days.

Some discussion of VAC.

VO Updates

CMS (Daniela):

From the monitoring:

Almost nothing to report.

Brunel has trouble with SAM tests timing out on one of their CEs, but actual jobs seem to be running:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=149955

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):

- ECDF - Following issues at site, to complete consistency checks to check for any data loss
 - QMUL -> Triumf transfer errors; Networking changes applied (to MTU); now fixed:
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=150048
- Timeframe for the break could be anything during QM's downtime.

LHCb (Raja):

RAL Tier-1 :

Streaming issue of data from ECHO: GGUS:142350

-- Development of fix to xrootd-ECHO interface ongoing

-- Testing other possibilities of alleviation

Problem opening files at RAL: GGUS:149909

-- Fixed (hopefully) as of today.

“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

SKA:

LIGO:

Some jobs at Lancaster, but not much at Glasgow.

Other “New” VO status:

Left over from last week - vo.cta.in2p3.fr support

Rhanna Starling new cta compute person.

General Updates/Discussion

RHUL’s request for an A/R recalculation continues:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150179

It looks like some good progress is being made. Thanks to Simon and Tony for fighting the good fight here.

Meeting Updates

GDB last week:

- <https://indico.cern.ch/event/876772/>

A few interesting talks.

The ESCAPE dress rehearsal turned out to be more interesting than I gave it credit for. The HTCondor talk showed really good progress on the scitoken front.

The benchmarking and CentOS talks both lacked any solid conclusions, but are excellent summaries on their subjects.

My sad take home from the CentOS talk was no matter what happens it's very likely that we're going to be having to update our OSes more often - 10 year lifecycles are likely to be a thing of the past.

Containers will save us, a bit.

Moves (recent and planned) to RH projects like CEPH worrying.

CERN and Fermilab will continue debating, and will get back to us.

PC notes the SWIFT HEP Meeting: <https://indico.cern.ch/event/976081/>

Tier 1 Status

Current ARC-CE issues have been resolved.

There was a problem with CMS jobs not starting (as fast as they should) a change from October was rolled back which fixed the problem.

Tape migration is going well. On course to finish by early April 2021. ATLAS migration has been completed and we have now moved onto Gen instance before finishing with CMS.

Security Brief

- Operational update

Storage and Data Management News

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

More recent minutes: [GridPP Storage](#)

Duty Report

NTR

Tickets

[GGUS tickets ordered by date.](#)

38 Open UK tickets this week.

Two unnoticed ROD availability tickets for Sheffield and Sussex:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=150206

https://ggus.eu/index.php?mode=ticket_info&ticket_id=149957

Site News

NTR

AOB

Matt asks that people update the attendance list each meeting.

Actions/Decisions from This Meeting

Chat Window:

11:06:01 From Terry Froy To Everyone : I didn't even log in - the Zoom Meeting ID was visible in the description and I went via the Zoom website - so hiding the link behind CERN/Indico authentication is merely security through obscurity IMHO.

11:11:33 From Terry Froy To Everyone : Slides 14 through 17 from my 'An introduction to IPv6' presentation given during the WLCG IPv6 Workshop back in June 2017 go through the diagnostic process -

<https://indico.cern.ch/event/609911/contributions/2605667/attachments/1480561/2295785/20170621-wlcg-introductiontoipv6.pdf>

11:34:59 From Daniela Bauer To Everyone : @Pete: Luisa Arrabito

11:40:43 From kreczko To Everyone : Swift-HEP: <https://indico.cern.ch/event/976081/>

11:48:51 From Terry Froy To Everyone : Ceph isn't a RH-supported project - it *is* a Red Hat project since Red Hat purchased Inktank.

11:49:50 From Terry Froy To Everyone : Fool me once, shame on you - fool me twice, shame on me.

11:50:07 From Terry Froy To Everyone : If CentOS cut the EoL date on CentOS 8, they are quite capable of doing it to CentOS 7 too.

11:56:58 From Daniel Traynor To Everyone : arcce supports debian, anybody given it a try?

11:58:38 From Terry Froy To Everyone : Dan: If you are feeling particularly brave, WE could try it :-P

12:00:04 From Terry Froy To Everyone :

To echo Daniela's thoughts on this matter, it would be extremely helpful if all of the grid middleware that we deploy could have SRPMS published so that we could patch, update and rebuild them where appropriate against the distro of our choice.

12:00:51 From kreczko To Everyone : experiments software can also be compiled on Debian

12:03:24 From Alessandra Forti To Everyone : @Luke maybe CMS, I'm not that sure about ATLAS. At any rate the distribution tools are all rooted in RH with rpms

12:04:08 From Alessandra Forti To Everyone : Even atlas containers are built with rpms

12:05:27 From Patrick Smith To Everyone : yes no problem

12:06:24 From kreczko To Everyone : there is nothing stopping Debian operations from a dependency perspective - just needs a rebuild

12:06:36 From kreczko To Everyone : ROOT, Geant4, etc even work on Windows

12:06:50 From Terry Froy To Everyone : Bye!