

GridPP Ops 2/6/2020

Attending: Matt, Raul, Teng, Gordon, Vip, Duncan, Sam, RobertF, Wenlong, WinnieL, Emanuele, Ian L

Apologies: Raja

Action from previous meetings.

*190618-02 Duncan - form a plan for the future of perfsonar for GridPP sites.

-Technical meeting a few weeks back

<https://indico.cern.ch/event/876065/>

Follow up around March time, any input from sites?

-PS boxes are showing up in racks, Duncan was away last week but pointed us at:

<https://opensciencegrid.org/networking/perfsonar/installation/>

Anyone got their box up and running yet?

-Is the fixed version of perfsonar released?

Not yet. It's expected for this week. (Raul)

New version available since Apr 2. (Raul)

-Any news on the DUNE mesh?

-It was recommended using existing OSG/WLCG infrastructure. Looks like DUNE will be heading that way.

-Durham have their new box online.

(See thread on TB-SUPPORT)

Technical Meeting planned on this in the near future.

Duncan seeing problems getting 2 NICS working on Imperial.

Discussion of multiple meshes. Terry is setting up DUNE mesh.

Current outlook is multiple meshes - LHC VO's, Dune and local (UK):

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

*200512-01 All - upgrade to ARC6

Vip asks if anyone has moved to ARC6 in situ, don't have a spare box. Likely plan will be scrub arc5 from the box first. Some discussion, and Gareth talks about Glasgow's experience having to use legacy. ECDF have patched.

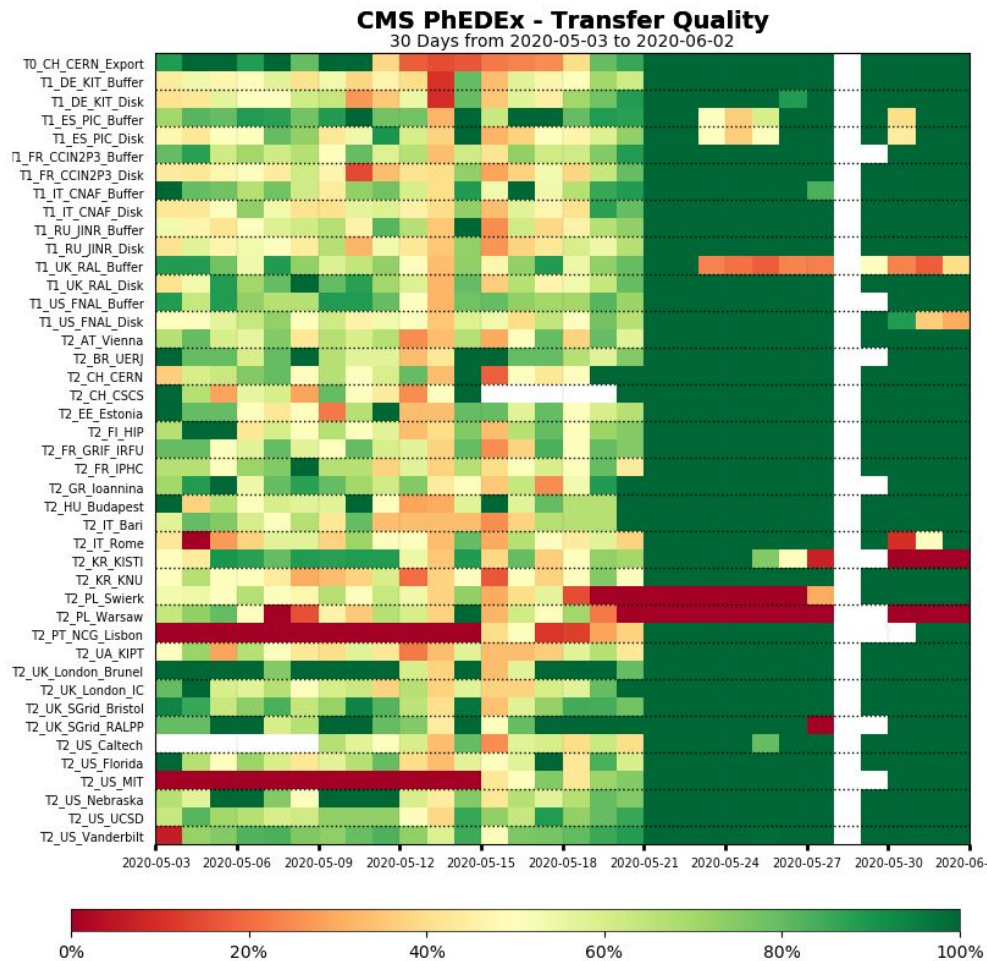
Also Glasgow had some problems with yum priorities getting bits of 5. Emannuelle

Recent Friday tech meeting

VO Updates

CMS (Daniela):

PhEDEx server at Imperial: We gave up and abandoned the SL7 upgrade and PhEDEx is now running in an SL6 container and everything is peachy:



- Simon F is not happy with the remaining SL6, but on the other hand CMS plans to run its first transfers via Rucio this week, so PhEDEx hopefully will become redundant before push comes to shove.
- The white line shows where the CERN oracle database went down.
- CMS is still struggling to have their SAM tests *not* to try and use the locally installed Singularity, after the WLCG told sites to remove it. Currently broken at lots of sites. And it's all Imperial's fault:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=146965

LHCb:

RAL: ongoing issues with echo

Edinburgh and QMUL : What are the plans for the ces there?

Dan and Rob give their plans. Seems positive at both sites.

ATLAS

Most tickets are long standing haven't progressed much.

Most important are the storage instability at ECDF. Got two tickets for failing deletion and transfers are currently red.

Rob C provided updates, C7 move will fix some issues, others transient.

Glasgow is moving to CEPH current problems still to iron out due to rucio having to fix a but to handle a two layers xrootd setup with an internal cache and an external storage. DPM being decommissioned. Long standing ticket about data server failures to be closed.

COVID-19

<https://codimd.web.cern.ch/s/rkRbG4jwU#Covid-19-Simulations-at-ATLAS>

[needs CERN account to access]

<https://stats.foldingathome.org/team/246309>

“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/

--- following up with the sites

--- one test about software area deprecated

--- history information about the tests will be coming

DUNE site naming agreed: UK-Sitename format.

Nothing from the Dune UK meeting yesterday.

LSST:

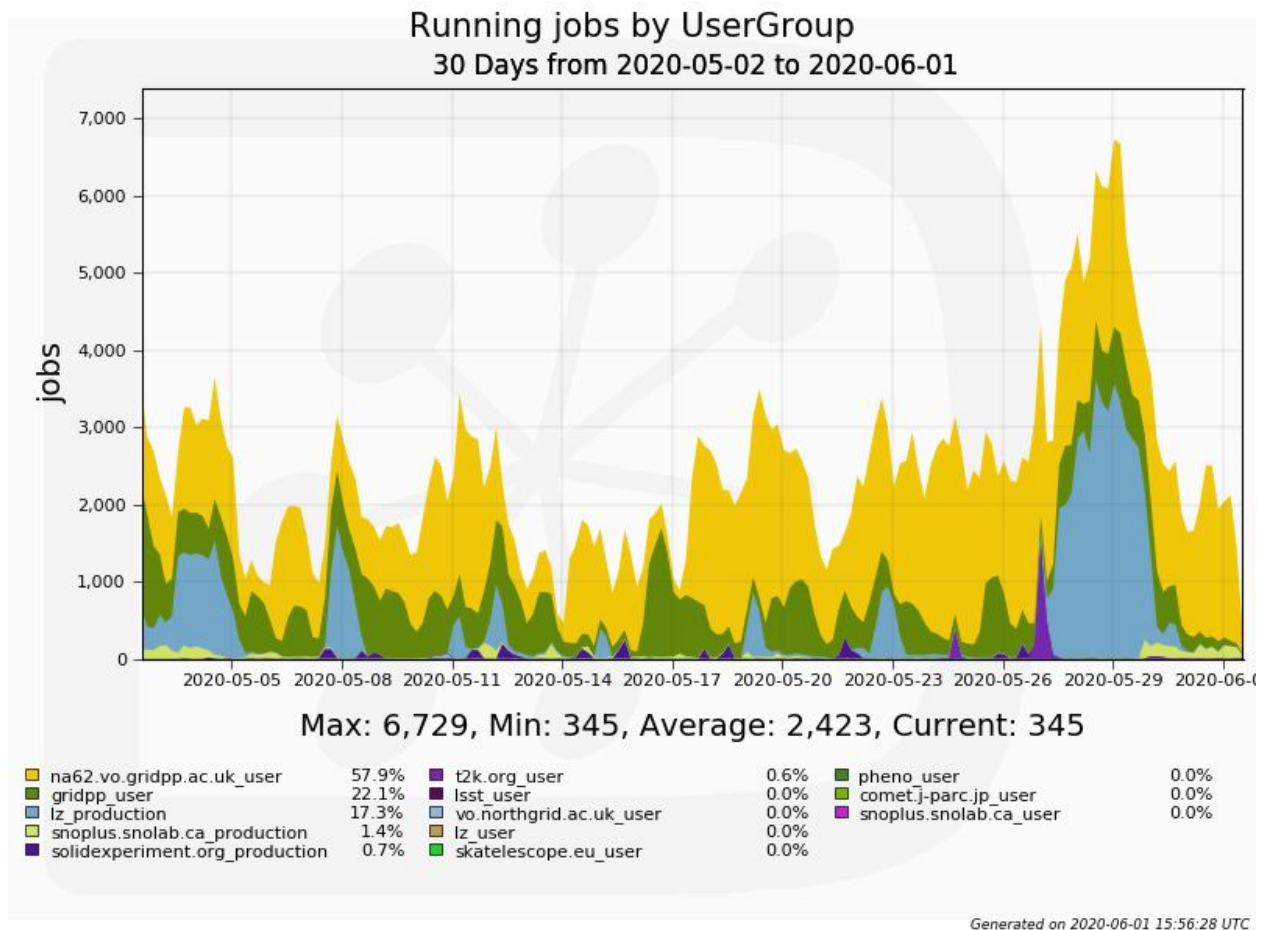
Work finished, so likely no updates for a while.

SKA:

NTR

Other “New” VO status:

Here’s a plot of which VOs have been using DIRAC in the last month. As you can see we have some VOs that ‘just work’.



General Updates/Discussion

A/R Reports for May released:

<https://documents.egi.eu/public/ShowDocument?docid=3607>

https://egi.ui.argo.gnet.gr/egi/report-ar/Critical/SITES?filter=NGI_UK

QM’s poor numbers all down to Storm webdav tests.

ECDF had lots of cluster problems - gpfs related.

The yearly GOCDB review is underway:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=147065

Action on everyone to look at their gocdb pages and check to see if it checks out. Particularly people, roles and emails.

Meeting Updates

Lots of technical meetings recently (and coming up):

ARC-CE migration:

<https://indico.cern.ch/event/921651/>

Perfsonar Refresh:

<https://indico.cern.ch/event/921654/>

Next up, Rucio/DIRAC integration on the 12th: <https://indico.cern.ch/event/921655/>

Tier 1 Status

Due to essential work to connect the new RFI building (which is opposite the R89 datacenter) to mains power, there are ongoing short interruptions to the resilient power feed to R89. There should be no interruption to the service and we still have our UPS (Batteries + generator) which were tested before the work started. Work started on the 22nd May and will finish on the 12th June.

On the 27th May, the new Spectra Logic Tape Robot entered production. It is now writing data for ATLAS and the old SL8500 has been marked read only (for ATLAS). We intend to move CMS over at the start of next week and the remaining VOs the week after.

Echo was successfully upgraded from Luminous to Nautilus. This took place in a rolling manner between 12th May and 27th May. No interruption to the service. One storage nodes OS disk failed during the upgrade/reboot and was removed from production.

On Friday 22nd a change to the batch farm was accidentally reverted. This meant that the fair share quotas were strictly enforced and the VOs only got their exact capacity over the long weekend. This meant that all the spare capacity we currently have (~12000 Cores) was not used. This was fixed on the Bank holiday Monday.

Security Brief

Another reminder about security-discussion.

Looking for people to help test UK MISP - David will send a mail around security-discussion.

Storage and Data Management News

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

Last meeting minutes:

<https://drive.google.com/open?id=15srudPz9-Jnnax3ArEAU5fYhdEfW48gOqOTI0r0qplg>

On Duty Report

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Technical Update (was Tier 2 evolution, Accounting, Monitoring, Documentation, Services)

ntr

Tickets

[GGUS tickets ordered by date.](#)

A whole bunch of ARC5 decommissioning tickets landed last Thursday - the Liverpool and ECDF tickets seem to have been missed though:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=147237

https://ggus.eu/index.php?mode=ticket_info&ticket_id=147234

Similarly this RALPP LHCB ticket seems to have snuck by:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=147176

Site News

NTR

AOB

NTR

Actions/Decisions from This Meeting

Action on all to check their GOCDB information.

Chat Window:

<https://indico.cern.ch/event/924975/>

can we add arcce03.esc.qmul.ac.uk to list of CEs for CMS.

arcce02 is broken, arcce03 in production. both will work for lhcb

@Dan: For CMS there should only be one CE at the moment and that would be arcce03, right ?

arcce02 was working for cms and will in the future

yes, but I think it might be better to tell them once it's actually working (says she who has an almost permanent CMS ticket)

its all webdav

storm webdav performance not really upto production level

GOCDB is usually a list per site

OK, think we missed that one. Argus went down and we got 1 ticket from each VO