

GridPP Ops 30/6/2020

Attending: Matt, Gordon, Jose Caballero, Teng, Emanuele, DavidC, RobC, Vip, WinnieL, Wenlong, Ian L

Apologies: Raja (delayed), Raul (delayed), Daniela

Action from previous meetings.

(I've cut out a lot of the previous information on the actions, please see other meetings minutes for the history)

*190618-02 Duncan - form a plan for the future of personar 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>

Any recent successes on this front?

*200512-01 All - upgrade to ARC6

After last Friday's technical meeting on this let's have a round table of who needs to upgrade/is still upgrading.

Note Rob C's mail to TB-SUPPORT.

Technical Meeting on this last Friday, with guest appearances from some members of the ARC dev team. It was very useful.

<https://indico.cern.ch/event/930786/>

Upcoming EGI webinar on the subject on Monday 6th:

<https://indico.egi.eu/event/5157/>

(Registration required)

Current sites with ARC5 upgrade tickets are: Oxford (acknowledged - downtime planned), Bristol (plan to replace with HTCCE), Sheffield (working on it), Tier 1 (ploughing away), Manchester (1 down, 1 to go), Brunel (have new CEs in test), Liverpool (will fall back to HTTCE if needed).

(Winnie asks if anyone has HTCCE - had a quick survey - RHUL, Liverpool, Imperial)

VO Updates

CMS (Daniela): NTR

LHCb:

Ongoing issue with streaming data from RAL-ECHO

PR made for removing Glue1 dependency of DIRAC-ARC plugin

-- Hopefully in production "soon"

Question to Glasgow about which queue to use - answer was VAC, and VAC alone.

ATLAS

Atlas S&C a fortnight back - AF will give a summary (thanks!)

<https://indico.cern.ch/event/823142/timetable/#all.detailed>

Data carousel talks - tape makinga comeback. Interesting monitoring talks. Study of why some long tasks fail (aim to reduce waste). GPU monitoring being introduced. This will help make GPUs "more real" on bigpanda.

Discussion of kubernetes queues. Panda magic is what passes credentials into the containers. No native way of doing it with certificates - need to move to tokens to do it natively.

Containers will be more natively integrated into panda - ALRB mechanism.

xcache now can transfer with http.

atlas testing non-gridftp TPC. DPM needs 1.14 - but not released yet. dcache above 5.2 will work. Storm needs > ~1.18

Sites wanting to get involved let AF know.

For HL-LHC looking at WLCG datalake - will be looking at tokens

Current atlas issues:

ECDF, had some DPM problems (looks like it's fixed), Glasgow working on CEPH, Manchester working on Squid.

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>

GridPP is in the top 500

- QMUL lots of queued pilots

CERN top 25

“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 mostly ready. Migrate ETF tests to use CRIC as soon as ready.

DUNE site naming agreed: UK-Sitename format.

- <https://dune-cric.cern.ch/core/experimentsite/list/>

LSST:

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

(saying that Matt did see a small handful of LSST jobs through the door last week).

SKA: NTR

Other “New” VO status:

General Updates/Discussion

NTR

Meeting Updates

As mentioned earlier, ARC6 EGI Webinar this coming Monday (6th):

<https://indico.egi.eu/event/5157/>

(Registration required)

Virtual GridPP44 meeting proposed for later in the year. 2-3 hours a session for a few afternoons. 20th-21st October (or thereabouts) proposed. Any showstoppers or comments? Let PC know if you have any (no objections aired in meeting).

Tier 1 Status

Recovered from power outage.

F@H now have storage with gateway at RAL and a rucio RSE endpoint

Security Brief

Reminder for people interested in taking part in MISP trial contact David [standing item]

Discussion was had.

Security Workshop planned - a number of afternoon sessions. Thought was July - making it a joint IRIS event (~1 afternoon in ~w/c 13th or w/c 27th).

Storage and Data Management News

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

Last meeting minutes:

<https://docs.google.com/document/d/1c-l6Cr6kIrK1J3B3icFCBPLL2KcNLMDng0Bd8mo3EtA>

Last week we largely discussed the barrage of tickets UK DPM sites got concerning their STAR accounting (or lack thereof). I think after the meeting a lot of us managed to get things up and running (shout out to Vip for trailblazing).

Checking this we're down to 3 STAR tickets as of these this morning - Brunel (Raul has rolled it into some upcoming SE work), RHUL (Tony is working on it but hit some snags), and Manchester (ticket acknowledged).

Tomorrow's storage meeting is an exciting ZFS special, thanks to Rob C. Come for his ZFS deployment tips, stay for his edge-of-your-seat ZFS war stories.

Please email ahead with any complicated questions.

On Duty Report

Nothing exciting to report.

Technical Update

Tickets

[GGUS tickets ordered by date.](#)

69 Open tickets - the number is actually going down!

None really stand out to me (others mentioned elsewhere are mentioned elsewhere) - I ninja-status-changed a few tickets this morning.

Site News

Actions/Decisions from This Meeting

Chat Window:

<https://indico.cern.ch/event/924979/>

reminder, webinar on HTCondor-CE <https://indico.eji.eu/event/5137/>

My apologies for the question during the LHCb part. It should have been to ECDF not Glasgow.
sorry I have to leave, another meeting in a few mins and have to get set up.

So for ECDF which queues are LHCb supposed to use? Thanks!