

GridPP Ops 23/6/2020

Attending: Matt, Vip, Emanuele, DavidC, MarkS, Wenlong, Teng, Jose Caballero, WinnieL, RobertF, Raul, Duncan, Pete Gronbech, RobC

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>

Who is left to install their new Perfsonar? Answer - lots of us, but we're getting closer.

Mike installed Oxford's - noticed that the default partitioning wasn't enough for /var - need more then the 50G that it sets up. Not enough for the ~1GB a day that perfsonar produces. Mike suggests adjusting the configs that control the data retention.

Oxford set /var to 380GB

Mike had some problem getting the 2 interfaces work, but just following the instructions worked out.

Duncan noticed a problem with registering the PS hosts if they're on the same box - not a problem for the meshes.

ECDF also set up their new PS ages ago (before lockdown). Looks good.

RAL one still needs to be racked (usual access problems many of us are facing).

*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.

Recent Friday tech meeting.

Chris sent his upgrade-in-place experiences to TB-SUPPORT

Jose gives some wisdom- different RTE, need to enable RTEs from command line - not done automatically.

Chris notes that the commands creates symlinks, which can be juryrigged.

Problems with Proxy.

Vip asks for the puppet module - Chris says that it's more a class than a module but will share it.

Manchester rewrote the hep-puppet arc_ce module, currently still located here:

https://github.com/rwf14f/arc_ce/tree/arc6

Jose gives some advice - first, submit a job manually before doing any testing. Warning for condor - CE creates submission file, version 6 includes a variable Periodic_remove statement that didn't exist before - jobs that used to run might not run anymore due to this new file.

Rob asks if any of the old "hacks" for LHCb are still needed for ARC6 - Daniela thinks yes, as does Marks. This is due to how lhcb decide to send jobs to a site, by checking number of running jobs. Raja is working on a fix for this Dirac-side.

"Nuts and Bolts" tech meeting this Friday. What format would people like? Alastair has arranged it that some ARC devs could be available, but would like some topics to be prepared for by tomorrow.

-Vip has questions that he will bounce to Alastair.

-Jose suggests a google doc to collect questions.

-Things to address - next gen accounting. Best way to do pool accounts. Resource sharing. How to use their argus. Publishing. Gridftp endpoints used at the moment, any move to WS expected?

-Office Hours? Jose thinks there might be some kind of semi-regular meeting over skype, will dig up the details.

VO Updates

CMS (Daniela): Nothing to report

LHCb:

RAL: Streaming issue from ECHO (ongoing)

Power cut yesterday - recovering.
Taking DIRAC down on Friday due to MySQL dB maintenance at CERN

ATLAS

Atlas S&C last week - AF will summarise next week
Usual deletion tickets. Durham squid down. Oxford gridmap lookup failure - might be okay now.
Manchester having problems with move to frontiers-squid.

Whole of UK transfers moved to FTS at CERN - a decision to consolidate all transfers was made last week.

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.

LSST:

Work finished, so likely no updates for a while. PeteC talked to George LSST(DESC) in discussion for data challenge 3, nothing expected until late summer.

Suggestion that we do a pre-data challenge challenge just to make sure that everything still works for LSST.

SKA:

High Memory testing, Daniela tweaked DIRAC to get things working. A more general solution might be needed. (The 8 core limit was default).

Something we could put into the JSON file?

Other "New" VO status:

General Updates/Discussion

"STAR" storage accounting tickets - for DPM/DOME sites it looks like this is broken (discussion on dpm lists).

Keeping an eye on the list is the best way of keeping on top of list.

--Will keep an eye on this in the storage meeting.

Meeting Updates

As discussed earlier, Technical Meeting this Friday on ARC6:

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

Last Friday's technical meeting was on SL6 retirement - but I don't think there were any surprises.

<https://indico.cern.ch/e/921656>

Also likely discussed elsewhere in the meeting, Atlas S&C was last week:

<https://indico.cern.ch/event/823142/>

Tier 1 Status

Power Loss 22/06/2020 .Power back and majority of services returned. (replacement of blown PDUs ongoing.)

Cloud resources and services still effected (so IRIS etc services effected.)

A CMVFS host (for uploading new content) is still affected and being attended to.

Some racks of CPUs still off. ARC-CEs in DT(but hosts themselves are OK) until 1400 and batch is currently off, (but we have jobs scheduled to run when brought back up) will update open GGUS ticket.

Understand ATLAS moving FTS activities from BNL and RAL to CERN

Security Brief

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

See Security-Discussion later today for more info.

Storage and Data Management News

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

Last meeting minutes:

https://docs.google.com/document/d/1zpQxh_ODJioPPQQk7-flfNMaRIhejRQew33aSBjguF8/edit

Notes - Fear of shingles in our future disks!

xroot 4.12 line seems shaky. Worth installing a different malloc on C7 xroot nodes.

Dan links:

<https://www.servethehome.com/wd-red-dm-smr-update-3-vendors-bail-and-wd-knew-of-zfs-issues/>

Next Wednesday (1st July) ZFS special edition of storage meeting by Rob. A best practice and a data-recovery talk.

On Duty Report

NTR

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

NTR

Tickets

[GGUS tickets ordered by date.](#)

There's a couple of tickets to the Tier 1/RALPP - but that's kind of expected given yesterday.

The Oxford and Manchester STAR tickets don't seem to have been noticed (or at least haven't been acknowledged):

https://ggus.eu/index.php?mode=ticket_info&ticket_id=147547

https://ggus.eu/index.php?mode=ticket_info&ticket_id=147546

Site News

NTR

Actions/Decisions from This Meeting

Matt to make a google doc for Friday's ARC6 technical meeting - done:

<https://docs.google.com/document/d/12dYJaSS4NtDBcMv6ldt7SC43xArQZqx5TolsZyk3KSU/edit?usp=sharing>

Chat Window:

<https://indico.cern.ch/event/924978/>

<https://indico.cern.ch/event/924978/contributions/3887131/attachments/2061751/3458718/go>

ARC skype chat <https://join.skype.com/dyf3A6Uutjy2>

Got to go I'm afraid. Bye!

Another + for SKA is that they learned to use GGUS I forgot to mention that

<https://www.servethehome.com/wd-red-dm-smr-update-3-vendors-bail-and-wd-knew-of-zfs-issues/>

THANKS MATT FOR HOSTING!