

=GridPP Ops 23/07/19

Attending: Andrew McNab, DavidC, John H. Vip Davda, Rob Currie, WinnieL

Action from previous meetings.

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

-Being worked on. Meeting scheduled to discuss.

-Matt will ask for an update next meeting

*190702-01 All (except those who have done it already) - Get your site HW surveys to Gareth.

VO Updates

Atlas: From WLCG meeting yesterday

- pilot2 (+containers) migration almost done for grid sites
 - few sites with problem - currently without containers (some with pilot1)
 - specific PQ configuration could cause troubles with big output and memory usage
- [sites not yet on CentOS7 & singularity](#) reminded by GGUS ticket
 - in a month stop brokering analysis jobs to SL6 queues, offline in two months
 - in two months stop brokering production jobs to SL6 queues, offline in three months
 - Tickets for UK sites
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=142327 (Sheffield): new pilots are running on sl7 wn's, 66% test jobs successful. Alessandra made changes in AGIS storage configuration. Failed jobs are related to configuration of dav (i think)
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=142328 (Glasgow): We've currently have a new ARC6 CE fronting a 100 core test CentOS7 pool that is passing hammercloud tests. We will be finishing the config then begin scaling up to accept real ATLAS Production and Analysis work. We'll give a more detailed timeline once we have some estimated dates based on our move to a new DC.
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=142326 (QMUL) Has sl7 queue for some time, need to move the rest of the resources to C7 (ticket not acknowledged yet).
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=142329 (Sussex): Alessandra change configuration and AGIS and Sussex now uses QMUL storage. Sussex became a diskless site. (Sussex ticket still just in assigned state).
 - https://ggus.eu/index.php?mode=ticket_info&ticket_id=142330 (RHUL); e are working to set up new worker nodes with Centos7 behind a new HTCondorCE

over this summer. Once this is done we will migrate the old SL6 WNs from our CREAM/PBS system to this new CE. This is a significant task so it is hard to estimate the time it will take but we are aware of and motivated by the schedule you have highlighted. We will ensure singularity is available one way or another. We are taking the opportunity to move away from CREAM and Torque at the same time, so all WNs will be eventually reinstalled with Centos7 and then associated with the HTCondorCE. We will never have a Centos7 WN attached to the CREAM CE with Torque.

- https://ggus.eu/index.php?mode=ticket_info&ticket_id=142136: High activity from nat005.gla.scotgrid.ac.uk on RAL frontier servers which is caused Durham is using Glasgow Frontier. As Durham running many jobs they should install their own squid (GGUS ticket on the way): https://ggus.eu/?mode=ticket_info&ticket_id=142336
- Xcache in Cambridge (<https://its.cern.ch/jira/browse/ADCINFR-129>): Big progress. Alessandra made changes in AGIS and John see activities in his logs

Dan - seeing traffic from Cambridge. Had a chat with Patrick, a plan is being formed. Lots of ummph on new disk servers.

CMS: NTR

LHCb: A major issue (as in highly visible / high profile) for LHCb is at RAL : https://ggus.eu/?mode=ticket_info&ticket_id=142350

It is under investigation.

Also LHCb jobs still not running at Bristol

New LHCb VMs deployed, including mcprod VMs which backfill unused space in multiprocessor slots (eg if there are 8 processor “superslots” which are partially occupied after some single processor VMs finished early.) These are in the LHCb vacuum pipe definitions. Instructions for using LHCb with Vac/Vcycle updated: <https://twiki.cern.ch/twiki/bin/view/LHCb/VacConfiguration>
Now testing CernVM4-based LHCb VMs, which pretend to be CentOS 7.

“Other” VOs:

GridPP DIRAC VMs being tested with CernVM4 (~CentOS 7) too. Some sub-VOs in DIRAC now have multiprocessor variants (eg gds-vm4-lsst, gds-vm8-skatelescope.eu) in the GridPP DIRAC Service vacuum pipe.

DUNE reprocessing campaign has started and is occupying lots of slots!

New VO status:

NTR

General Updates

-Operation Dashboard changes (see broadcast).
All Dashboards smooshed together
Andrew sending mail, may need to give an NGI response.

Meeting Updates

Upcoming Technical Meeting this Friday on DOME and migrating away from SRM.
GDB two weeks ago: <https://indico.cern.ch/event/739880/>
-Traceability WG has recommendations now (see p5 of talk):
https://indico.cern.ch/event/739880/contributions/3470862/attachments/1876966/3091048/201907-Traceability_Isolation_WG-Update.pdf

Tier 1 Status

NTR?

Security Brief

NTR operationally.
SSC Site reports being sent around to individual sites soonish. Automated scoring systems used.

Storage and Data Management News

Lancaster going SRM-less. Plan being formed - will set to not-production/monitored in gocdb, make sure it is removed from bdii.

On Duty Report

Since Monday 22nd things have been a mess following requirement to use EGI Check-in to access the ROD dashboard etc.

Matt asked about some old services at QMUL which are monitored but not in production, Dan replied that he will look into retiring the cream CE properly.

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

Tickets

40 Open UK Tickets this week.

The remaining IPv6 tickets (Oxford, Birmingham, Glasgow, Durham, RHUL, Sheffield and Liverpool) are looking a bit stale. We will take a good look at these next meeting, can these sites please update their v6 tickets in the mean time).

These two lhcb LGCDM enquiry tickets can be closed:

https://ggus.eu/?mode=ticket_info&ticket_id=141468 (Liverpool)

https://ggus.eu/?mode=ticket_info&ticket_id=141466 (Glasgow)

Site News

Sussex is being made diskless - thanks to Dan for supporting this.

Lancaster is going SRM-less

AOB

Dan's question on single socket disk servers on TB-SUPPORT. Thoughts?

-Discuss in storage group?

Sam notes that it depends on what you're running (e.g. CEPH requires oomph to handle OSD operations).

Actions/Decisions from This Meeting

Soft action on Storage group to discuss Storage HW.

Action on sites with outstanding IPv6 tickets to update them before next meeting (6th August)

Will keep an eye on the state of the operations portal and ticket/complain at them if it doesn't improve.

<https://indico.cern.ch/event/832174/>

Apologies, I was side tracked.

<https://operations-portal.egi.eu/ROD>

https://indico.cern.ch/event/739880/contributions/3470862/attachments/1876966/3091048/2019-07-Traceability_Isolation_WG-Update.pdf

Matt's gone silent on me!

Me too

@Matt: Let me know when you kill the srm from the bdii, at the moment DIRAC thinks it's still there. On teh other hand I know it picks up xrootd, because that's what CTA used for their tests. My apologies, some technical difficulties my end.