

GridPP Ops Meeting: 9 October 2018

Chair: JC

Minutes: EK

Attendees: AF, DB, DC, DM, DR, DT, EK, JC, JH, LAC, MD, KM, PG, RL, RF, RN, SS, TF, VD, WL

Experiment problems/issues

- LHCb (RN)
 - LHCb is running fine, small problems for Brunel (GGUS: wn's have problem to run jobs) and RHUL
- CMS (DB)
 - UK sites are green. IC has a problem with storage: lots of corrupted files; can be resolved with new HW. Problem with fallback stage out times out between Brunel and IC. GGUS is on hold. CMS containers should be checked to solve the problem.
- ATLAS (EK)
 - One ATLAS ticket this week: Manchester (srm space reporting broken), the ticket is on hold and Manchester team is working on it. EK setup s17 UCORE queues for Oxford and RALPP but there were no jobs running. EK wrote to Harvester experts and both queues were added to Haverster (it's done manually ATM). KM confirms that s17 jobs are now running at Oxford. UKI-SCOTGRID-ECDF-RDF is now online but runs only HC test jobs. EK will contact the experts.
 - AF: Atlas encourage sites to move to Centos7 and Singularity. The move is expected to be done early next year.
- JC asked sites to update batch system status at
 - https://www.gridpp.ac.uk/wiki/Batch_system_status
- Other: Updates should be recorded in https://www.gridpp.ac.uk/wiki/GridPP_VO_Incubator.
 - No updates from DIRAC, EUCLID, GalDyn, LIGO, LOFAR, PRaVDA, SKA, snoplus, SuperNemo, DEAP, UKQCD VOs
 - LSST (AF): Activities stopped at the UK as no UK resources are needed ATM. LSST started to run Data challenge on GridPP resources but stopped. Data challenged finished without GridPP. VOMS server is moved from FNAL to SLAC. Sites should upgrade.
 - LZ (EK): Mock Data Challenge 2 has finished. UKDC has successfully run half of production and reconstruction jobs and all preliminary steps. There were several problems found which are now being tested. MDC3 is planned for April-September 2019. Preparation will start soon.
 - NA62 (DB): Glasgow, IC, Cambridge are busy with NA62 jobs.
 - Transformation system was tested but there is no report.
 - T2K (DB): t2k used their own LFC but now wants to use dirac catalog. LFC is not in good shape to be moved to dirac catalog. LFC was in shaky shape during production.
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- GridPP DIRAC status
 - <https://www.gridpp.ac.uk/gridpp-dirac-sam>
 - Delays in HTCondor monitoring as IC is busy. DB will ask SF to look at this.

Meetings & updates

With reference to: http://www.gridpp.ac.uk/wiki/Operations_Bulletin_Latest

- General updates
 - There is a GDB this week. The topics which will be discussed are CRIC Status, DPM Upgrade, Authorisation WG, DOMA, Cost Modelling, Computing for DUNE and proto-DUNE

- The were 2 requests to join dteam VO
 - CERN accounts: request from SJ is in progress.
 - There were discussion on tb-support list on modifying firewall (question from CB). SJ gave hints but doesn't know outcome.
- Tier-1 status
 - No major issues of note to report for this week.
 - There will be a round of security patching (CVE-2018-14634, CVE-2018-8897 – SL7 and SL6 respectively). This involves all Tier-1 services but the risk of impact on availability is considered to be
- Storage and data management (SS)
 - Changes to the document. IRIS technical group meeting: interface between IRIS and GridPP
- Tier-2 Evolution
 - Vacmon was working for a while but is now timing out. AM looking at ways of downgrading back to the previous version for now.
- Security
 - [CVE-2018-14634 RHEL6 patches](#). All set of patches is in place. People should patch their sites or apply mitigations. DC will contact the sites.
 - DI4R meeting in Lisbon last week, SVG Lightning Talk (LC) + Security Training (DC)
- Tickets (MD)
 - [124876](#) (7/11/2016)
This ancient ROD ticket really needs some input. The problem might on the ECHO side now, as the changes to the batch environment have been rolled out (which caused the recent change in error message). DM is working on it
 - **LIVERPOOL**
[137458](#) (28/9)
This biomed ticket has been successfully dealt with by the site. You've given them a terabyte of space and the instructions to use and monitor it, what more could a VO want? MD suggest to close it
 - **RALPP**
[137361](#) (24/9)
Any word back from the dcache mailing list about this zero sized file feature? It might be that this is a ticket that we just need to "unsolve" and move on from.
 - **Ipv6 tickets** should be updated and be inline with GridPP page
https://www.gridpp.ac.uk/w/index.php?title=IPv6_site_status.

Discussion topics

- DUNE meeting updates
 - SJ gave a brief summary of DUNE meeting in Edinburgh: DUNE requirements have been discussed at the meeting. DUNE is LHC type experiment with lots of data. DUNE agreed to move to RUCIO. DUNE people are very experienced coming from other experiments. At the moment ProtoDUNE is in operations; the details were discussed. DUNE requirements (WMS, Rucio) were compared with other experiments. There is 7 years before DUNE starts taking data. DUNE are looking at new features to implement.
 - SS posted a note in chat window: SAM is the Fermilab data + metadata catalogue system. Currently, protoDUNE testing is using Rucio + SAM in parallel to manage data. They have a staged plan to migrate fully to Rucio (with a middle step being to do data in Rucio and metadata in SAM - given that Rucio's metadata support is currently the thing it's not as good as)
 - DUNE jobs don't run efficiently. The site needs to contact Steve Timm
- Ops coordination.
 - WLCG Operations Coordination was hold last Thu, 11 Oct
 - <https://indico.cern.ch/event/757611/>
 - Topic which discussed includes
 - Follow up on August KIT data loss incident

- The database backend for the dCache run out of space; lessons learned: the problem was ipv6 configuration deployed on database nodes; legacy IPv6 configuration was removed from the database nodes; improved robustness and monitoring of the workflow
 - WLCG Archival WG update
 - Experiments have been asked to exploit archival storage and cost advantages;
 - Archival site survey has been discussed.
 - Ongoing work with Atlas Carousel R&D: A “Carousel” is a moving window of disk residency for a large tape archive
 - Feedback from system performance and cost modelling
 - DPM Upgrade Task Force:
 - Storage resource update. WLCG requested sites to publish the new space reports .Directory-based reports, different from spacetokens, no SRM involved.
 - From 1st of June, 2019 LCGDM support answer “there is an alternative: upgrade DPM to DOME flavour
 - Lots of code development in 2018., few mistakes in documentation. Planning to move to DOME. Volunteers:
 - MD is doing tests by changing configuration by hand (easier to roll back). Not big changes in configuration.
 - RL has volunteered as well
 - Middleware News
 - On Sep 21 a Globus update in the EPEL repositories made TLS v1.2 the only version to be supported for security handshakes in GSI. The concerned package is globus-gssapi-gsi-13.10. A significant number of grid services in WLCG were not ready for that change and started running into failures. The minimum supported version to be set to TLS v1.0 again; services like the FTS either not to apply the Globus update yet, or to adjust /etc/grid-security/gsi.conf ..
 - potentially affected services should be checked and updated as needed: services may directly depend on Globus themselves, but could also be based on Java instead. Of particular concern are SRM, GridFTP, CE and Argus services.
 - deadline for TLS v1.2 support to early 2019
 - all problems should be reported
- SRM services listen on port 8443 (dCache), 8444 (StoRM) or 8446 (DPM).
- The CREAM CE service listens on port 8443.
- GridFTP services used by CREAM, ARC and SE head nodes listen on port 2811, while the port may be unpredictable on SE disk servers.
- Argus listens on port 8154.
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- Minutes can be found at <https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes181011>

From chat window

Jeremy Coles: (16/10/2018 11:01)

Elena is taking minutes today - thank you!

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

Daniela Bauer: (11:24 AM)

@Raja We just lost and LHCb file:
/pnfs/hep.ph.ic.ac.uk/data/lhcb/LHCb/Collision16/BHADRONCOMPLETEEVENT.DST/00069597/0000/00069597_00007377_1.bhadroncompleteevent.dst

Do you want a ticket for this ?

Thanks

David Crooks: (11:31 AM)

Matt, you're super loud

Matt Doidge: (11:35 AM)

Sorry, vidyo connect doesn't have a mic volume setting that I can see.

raul: (11:37 AM)

DO they (DUNE) require storage at sites? Quota?

Samuel Cadellin Skipsey: (11:37 AM)

For people reading here: SAM is the Fermilab data + metadata catalogue system.

Currently, protoDUNE testing is using Rucio + SAM in parallel to manage data. They have a staged plan to migrate fully to Rucio (with a middle step being to do data in Rucio and metadata in SAM - given that Rucio's metadata support is currently the thing it's not as good as)

raul: (11:49 AM)

I volunteered Brunel to upgrade as soon as Fabrizio is ready

Jeremy Coles: (11:51 AM)

<https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes181011>

Terry Froy: (11:54 AM)

Surely it is not about turning on TLS 1.2 but more about *not* turning off TLS 1.0 and/or TLS 1.1 ?

Jeremy Coles: (11:55 AM)

<https://twiki.cern.ch/twiki/bin/viewauth/LCG/GDPRandWLCG>

David Crooks: (11:55 AM)

@Terry: yeah

Daniela Bauer: (11:56 AM)

<https://twiki.cern.ch/twiki/bin/viewauth/LCG/GDPRandWLCG>

I get access denied.