

GridPP Operations Team Meeting – 12th December 2017

Chair: Peter Gronbech

Minutes: Vipul Davda

Present:

Andrew McNab, Elena Korolkova, Daniel Taylor, Gareth Roy, Gordon Stewart, John Hill, Ian Loader, Govind Songara, Peter Gronbech, Raul Lopes, Robert Currie, Steve Jones, Vip Davda, Samuel Skipsey, Steve Jones, Brian Davies, Darren Moore, Leo Rojas, Teng Li

Apologies:

Kasif Mohammad, Daniela Bauer, Winnie Lacesso, Jeremy Coles, Matt Doidge

Experiment Problems/Issues

LHCb - (Andrew McNab) – Nothing to report.

CMS (Daniela Bauer) – Bristol is in the Waiting Room (i.e. no new jobs assigned) for failing PheDEex transfers. The corresponding ticket is languishing unacknowledged:

https://ggus.eu/?mode=ticket_info&ticket_id=132358

There has been further discussion on the CMS mailing lists about running Singularity on SL6. The CMS T2 report dryly Notes: "It is noted that this presents additional challenges to multi-VO sites." which tells you a lot on how CMS views the grid. It continues with "See documentation at

<https://twiki.cern.ch/twiki/bin/view/CMS/FacilitiesServicesDocumentation#Singularity>. This documentation is OSG-centric, but sites outside OSG have done this successfully; admittedly, WLCG instructions are not as good, but the Singularity website hosted by BNL does have good instructions. There is a coming enhancement in Singularity that will allow it to run without setuid. Singularity is a simpler product than glexec, even in the privileged setup." CMS also wants to use their T3 more systematically, for all practical purposes QMUL and Glasgow might see an increase in CMS tests – no action required.

Small VOs: The solid VO has started data taking (in Brussels). In principle GridPP is in good shape, we have a data mover that is meant to move data to backup tapes at RAL, we have instructed both the Imperial and Belgian groups in the dark arts of the grid and they seem to be making progress. However at the moment only able to transfer data at rates of around 1MB/s. You have to wait 32017s to copy 29.053 GB The tickets:

https://ggus.eu/?mode=ticket_info&ticket_id=132286. It looks like there nothing that GridPP can do about it at the moment.

LZ: The LZ UK Data Centre (aka the Imperial site) is meant to be undergoing the final-final review on December 18th 2017. Nothing was changed besides producing reams of paperwork, working with a US National Lab to resolve this. Special thanks to Steve Jones in Liverpool for enabling an SL7 queue for LZ at a short notice for testing purpose.

Grid PP DIRAC: Simon and Daniela are searching for new bugs introduced in the last major release of DIRAC.

As part of this upgrade, any dependency to lcg-utils is removed. There are still problems at ECDF - write permission in directories created by xrootd: <https://www.jiscmail.ac.uk/cgi-bin/webadmin?A2=GRIDPP-STORAGE;82607558.1711>

VAC sites are still not work properly, this is being investigated.

ATLAS (Elena Korolkova):

- ATLAS Software and Computing Week is this week - a report of the meeting will be written in January 2018.
- There was a Massive Blacklisting of ATLAS sites in the afternoon on 5th December 2017 because of the error in rucio. It was quickly resolved by ATLAS experts.
- Open tickets:
 - **Manchester:** GGUS 132422 deletion errors: One of disk servers has a problem. Robert has disabled it for now.
 - **IC:** GGUS 132353: ATLAS deletion problem. Behaviour of the dCache webdav door has changed in a recent update. Simon put in a workaround in the configuration for ATLAS users. Deletion works. Elena closed the ticket.
 - **RALPP:** GGUS 132438: protocol setup. Several nodes are used for given protocol: webdav and root. Chris put the ticket on hold until next Monday. RALPP are in the process of resolving this by updating all the site-hosting certificates.

Other VOs - Updates should be recorded in https://www.gridpp.ac.uk/wiki/GridPP_VO_Incubator.

GridPP DIRAC (Andrew McNab) - Refer to <https://www.gridpp.ac.uk/gridpp-dirac-sam> for DIRAC tests.

Meetings and Updates

Please refer to the bulletin at http://www.gridpp.ac.uk/wiki/Operations_Bulletin for more details

- **WLCG ops Coordination** – Recent meeting – See <https://indico.cern.ch/event/684980/> for details
 - **Updates from container working group** – See https://indico.cern.ch/event/684980/contributions/2813045/attachments/1571950/2480405/container_swg_wlcgopscoord_071217.pdf
 - **Archival Storage working group** – See https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes171207#Archival_Storage_WG
 - **SAM and SSB migration to MOINT** – See https://indico.cern.ch/event/684980/contributions/2813047/attachments/1571916/2480559/2017-12-07_SAM_SSB_WLCGCoord.pdf
- **Tier1 (Darren Moore):**
 - There are problems with the new CA trust anchor release. The Tier1 plans to update to version 1.88 on the 12th Dec.
 - The WMS service at RAL will be decommissioned at the end of December.
 - Allocation in Echo for ATLAS increased to 4.1PB. They now have 4PB in datadisk and 100TB in Scratchdisk. This is part of the gradual increase of their usage to 5.1PB.
 - LHCb D1T0 disk space in Castor has been very full a week or so ago. Discussions with LHCb are ongoing about the next steps with this problem.
 - There was a problem of high packet loss for traffic to/from the Tier that passed through the RAL core network (and firewall) on Monday (4th December 2017). The problem started at midnight and was fixed around 15:30.
- **Storage and Data Management (Sam Skipsey)** – no update.
- **Tier2 Evolution (Andrew McNab)** – Vcycle updated for Glance API 2.0 and to support Vacuum Pipe VM definitions.
- **Accounting** – no update.
- **Documentation** – no update

- **Interoperation** – no update.
- **Monitoring** – no update
- **On-duty** - ?
- **Services** – (Duncan Rand). Discussion on RAL Persona host having issues.
- **Security** – nothing to report
- **Tickets** – Matt Doidge: see link [here](#) for the information on tickets.
- **Tools** – update
- **VOs (Steve Jones)** – Jobs require an address space larger than the memory size specified above. Sites should allow processes to use at least 6GB of virtual address space more per core than memory to accommodate the large amount of shared libraries used by jobs. (For a typical 8-core pilot that would translate into a VZSIZE limit of at least 64GB.) . See CMS section of resource requirements in https://www.gridpp.ac.uk/wiki/GridPP_approved_VO

Discussion Topics

Review WLCG ops coordination meeting areas: <https://indico.cern.ch/event/684980/>

The highlights of the talks given were summarized.

Particular the results of the CNAF flooding incident and its impact on the LHC experiments.

Flooding incident at CNAF, Italy: see

ALICE:

<https://indico.cern.ch/event/684980/contributions/2813044/attachments/1571873/2480560/go>

ATLAS:

<https://indico.cern.ch/event/684980/contributions/2813044/attachments/1571873/2480368/go>

CMS:

https://indico.cern.ch/event/684980/contributions/2813044/attachments/1571873/2480334/Report_CMS_CNAF_WLCG.pdf

LHCb:

<https://indico.cern.ch/event/684980/contributions/2813044/attachments/1571873/2480247/20171207-WLCGOpsCoord-CNAF.pdf>

Group Chat

Elena Korolkova: (12/12/2017 11:01:33)

Morning, is anyone speaking?

Gareth Douglas Roy: (11:01 AM)

I don't think so, but I just got here as well

Peter Gronbech: (11:21 AM)

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

Steve Jones: (11:21 AM)

Peter sounds a bit quiet?!? Maybe...

John Hill: (11:23 AM)

Sounds OK to me at the moment

Steve Jones: (11:28 AM)

Jobs require an address space larger than the memory size specified above. Sites should allow processes to use at least 6GB of virtual address space more per core than memory to accommodate the large amount of shared libraries used by jobs. (For a typical 8-core pilot that would translate into a VZSIZE limit of at least 64GB.)

See CMS section of resource requirements in https://www.gridpp.ac.uk/wiki/GridPP_approved_VOs

Peter Gronbech: (11:32 AM)

[https://ggus.eu/?mode=ticket_search&show_columns_check\[\]=TICKET_TYPE&show_columns_check\[\]=AFFECTED_VO&show_columns_check\[\]=AFFECTED_SITE&show_columns_check\[\]=PRIORITY&show_columns_check\[\]=RESPONSIBLE_UNIT&show_columns_check\[\]=STATUS&show_columns_check\[\]=DATE_OF_CHANGE&show_columns_check\[\]=SHORT_DESCRIPTION&ticket_id=&supportunit=NGI_UK&su_hierarchy=0&vo=&user=&keyword=&involvedsupporter=&assignedto=&affectedsite=&specattrib=none&status=open&priority=&typeofproblem=all&ticket_category=all&mouarea=&date_type=creation+date&tf_radio=1&timeframe=any&from_date=03+Mar+2015&to_date=04+Mar+2015&untouched_date=&orderticketsby=REQUEST_ID&orderhow=desc&search_submit=GO!](https://ggus.eu/?mode=ticket_search&show_columns_check[]=TICKET_TYPE&show_columns_check[]=AFFECTED_VO&show_columns_check[]=AFFECTED_SITE&show_columns_check[]=PRIORITY&show_columns_check[]=RESPONSIBLE_UNIT&show_columns_check[]=STATUS&show_columns_check[]=DATE_OF_CHANGE&show_columns_check[]=SHORT_DESCRIPTION&ticket_id=&supportunit=NGI_UK&su_hierarchy=0&vo=&user=&keyword=&involvedsupporter=&assignedto=&affectedsite=&specattrib=none&status=open&priority=&typeofproblem=all&ticket_category=all&mouarea=&date_type=creation+date&tf_radio=1&timeframe=any&from_date=03+Mar+2015&to_date=04+Mar+2015&untouched_date=&orderticketsby=REQUEST_ID&orderhow=desc&search_submit=GO!)

<http://tinyurl.com/nwgrnys>