

## OPS Meeting Minutes 25th April 2017

Attendees : Attending: Alessandra, Andrew Lahiff, Brian D, Daniel Traynor, Daniela B, Gareth R, Gordon S, Govind, Ian L, Ian N. jeremy C, John C, John H, Kashif, Mark S, Matt D, Oliver S, Steve J, Robert A, R. Wolfgang, Sam Skipsey, S. Jones, Vip Dawda Winnie,

### **LHCb: Raja**

Tier2 are all fine. LHCb is running reprocessing campaign of 2016 and RAL Castor could not able to handle load although It worked fine last year. It is suspected that this is due to January upgrade of Castor and March upgrade of SRM. The SRM changed was reverted 12 April, it improved little but not completely stable yet. The number of merge job has been reduced to 500 for time being. After discussion with CERN, RAL is planning to upgrade to latest version of SRM and Castor.

### **CMS: Daniela**

RALPP is having some problem and ended up waiting room . Chris B explained that it was due to networking issue. Top level firewall bypass failed to failover correctly during Easter break and site was put in unscheduled downtime. It was fixed on Tuesday.

### **ATLAS: Elena**

Some sites were failing production jobs and there are tickets against Brunel, Durham and Liverpool. Around 80% jobs failed on Sunday but not many jobs failed on Monday so it seems that it was a problem with jobs, probably memory issue.

ATLAS is planning 2015 data reprocessing . On Saturday, all transfers failed for couple of hours because DDM proxy expired on FTS server. Problem fixed quickly and it is under investigation.

Daniela mentioned that Imperial received an email from Rod Walker about disabling single core job queue and only allowing multi-core job queue as single core jobs consume all atlas quotas. Daniela sees no problem with it. Elena mentioned that the same request has been made to few other sites as well.

### **Other VO updates: Daniela**

WMS is getting decommission, sites will get request for pilot roles for multiple VO's so jobs can be submitted from DIRAC.

Daniela mentioned a ticket from DUNE VO. It is about users using certificate from so called IOTA CAs, which has lower level of assurance. It is an interesting read if you want to go through it

<https://ticket.opensciencegrid.org/33389>

Some discussion followed about giving proper credit to GridPP in publications if any of the GridPP resources has been used. Jeremy will follow this.

**GridPP VAC status:**

<https://www.gridpp.ac.uk/gridpp-dirac-sam>

ECDF has an ongoing issue with VAC

Mark mentioned that Birmingham has a power issue during Easter and this is why vac jobs were not running.

[https://www.gridpp.ac.uk/wiki/Operations\\_Bulletin\\_Latest](https://www.gridpp.ac.uk/wiki/Operations_Bulletin_Latest)

**GPU access and tensorflow:**

QMUL offers some GPU resources. Manchester also have a some small GPU cluster attached to their integrated cluster. Imperial has gpu on their local batch system and they are looking to integrate with grid resources.

**Tier 1 update:**

- There have been problems with the LHCb Castor instance since the SRM upgrade on the 23rd March. The SRM change was reverted on the 12th April (shortly before Easter weekend). One bug has been identified that is fixed in Castor 2.1.16. Work is now underway to test this Castor version with the aim of moving too it as soon as possible.
- On the 19th April, Atlas reached a milestone of having 1PB of data in ECHO
- The number of batch jobs running in SL6 containers on worker nodes running SL7 is being ramped up.
- The IPv6 addressing scheme for the tier1 has been agreed and is in place. We hope to start offering services via IPv6 in the near future. The Perfsonar nodes on our production network are already running using IPv6.

**Storage and Data Management.**

Sam and Alastair is testing LIGO VO for CVMFS.

Sam also mentioned DPM development board meeting. They are looking for site interested in testing DOME which is replacement for old DPM interface. They are also looking for venue for 2017 DPM workshop.

On- duty :

Andrew was on duty. It was very quite.

## **Security: Docker advisory**

One EGI CSIRT advisory issued under [TLP:AMBER] regarding poorly configured Docker engine (13/4/2017). Ian mentioned that it is very special configuration of Docker which is affected.

## **Services:**

perfSonar : A new version of perfSonar has been released in April. It is a major change and got a new scheduler. This version requires more CPU power. It also got a new traceroute functionality. It should be updated automatically but many sites have issues. It includes Manchester, RALPP, Royal Holloway, Oxford , Durham and Birmingham. The details are here

<http://www.perfsonar.net/release-notes/version-4-0/>

Gareth mentioned that Glasgow site security have run some scanning across university and found few issues with plain text authentication, cross scripting etc in perfSonar. Gareth will discuss in private with Duncan and perfSonar developers.. Tier1 has also seen cross scripting issue.

Brian mentioned that there is going to be short downtime of echo at Tier1 for gateway upgrade.

## **Tickets:**

Comprehensive ticket report from Matt . 36 Open UK tickets.

NGI ticket about yearly review of information in GOCDDB. Jeremy will create a table and sites can update their status

Request to Enable LZ at Bristol: on hold

Birmingham : Due to power issue during Easter

## **Pre-GDB and GDB Meeting review:**

Pre-GDB: <https://indico.cern.ch/event/578969/>

GDB: <https://indico.cern.ch/event/578985/>

Details are in slides.

Chat box

**raul:** (25/04/2017 11:14:25)

We had a lot of heartbeat failures due to filled Atlas space token

**Elena Korolkova:** (11:22 AM)

I'll have a look, Raul

in US they sometimes use certificates issued by Computer centre

**Andrew David Lahiff:** (11:27 AM)

What's the GGUS ticket where this is all discussed?

**Elena Korolkova:** (11:27 AM)

I know they do this for LIGO

**Ian Robert Neilson:** (11:28 AM)

<https://ticket.opensciencegrid.org/33389?expandall=true&>

**Elena Korolkova:** (11:28 AM)

<https://ticket.opensciencegrid.org/33392>

**Daniel Peter Traynor:** (11:31 AM)

please repeate

yes

manchester and ic aswell?

we are about to test centos 7 + gpu. Also will try to get tensorflow working (needed internaly aswell).

**Raja Nandakumar:** (11:36 AM)

Apologies - going to leave now

**Daniel Peter Traynor:** (11:53 AM)

webdav should work at sussex

**Paige Winslowe Laccesso:** (11:56 AM)

Apologies, must leave now

**Alessandra Forti:** (11:58 AM)

I closed it

**Daniel Peter Traynor:** (11:58 AM)

I fix one CE and another one coughs

**raul:** (12:00 PM)

Doing it today

today

**Jeremy Coles:** (12:09 PM)

<https://indico.cern.ch/event/578985/>

**Alessandra Forti:** (12:10 PM)

indeed