

GridPP Ops 20/08/19

Attending: Matt, Gareth, WinnieL, JamesP, RobertF, Gordon, R Currie

Action from previous meetings.

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

-Discussed a lot last meeting, Tim will be at GridPP43.

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

-Everyone should have delivered their surveys to Gareth so this should be able to be closed...

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VO Updates

Atlas:

- stopped brokering analysis jobs to SL6 queues, offline in 1 month
- in one month stop brokering production jobs to SL6 queues, offline in two months

UKI-SCOTGRID-GLASGOW

ggus 142328 State:on hold CentOS7 migration: 90% successful jobs at ANALY_GLASGOW_SL7. ANALY_GLASGOW_SL6 is disabled
UKI-SCOTGRID-GLASGOW_SL7_UCORE is set to autoexclusion.

UKI-NORTHGRID-SHEF-HEP

ggus 142327 State:in progress :CentOS7 migration SL6 prod queues are disabled. SL6 analysis queue is in tests.

UKI-SOUTHGRID-SUSX

ggus 142329 State:in progress :CentOS7 migration

UKI-LT2-RHUL

ggus 142330 State:waiting for reply CentOS7 migration
Analysis queues was switched to brokeroff. That might cause a problem with data.

UKI-SCOTGRID-GLASGOW

ggus 142136 State:in progress Date:2019-07-29 11:44:00 Info:High activity from nat005.gla.scotgrid.ac.uk on RAL frontier servers

UKI-SCOTGRID-DURHAM

ggus 142336 State:on hold Info:Durham to have own squid?

UKI-LT2-Brunel_ipv6_TEST: A question from ATLAS ADC: the queue has not done anything over the last month. Do you still want to test HC jobs on this site ?

Email is sent to raul asking whether he needs the queue.

CMS: All sites green. All CMS mailing lists are very quiet. One ticket against the Tier 1, well in hand:

https://ggus.eu/?mode=ticket_info&ticket_id=142689

LHCB:

Still working on the issue of file access from the WNs at RAL

Problem with tape drive allocation in the new joint castor setup - slow file recalls for LHCb when multiple VOs are recalling files from tape

(BD addendum, T1 tape drive congestion/ VO sharing being looked at by T1. Issue not with performance of the head node or shared disk cache. To clarify, we don't specifically prioritise one VO ahead of another.)

Sheffield not running anything for LHCb right now ...

"Other" VOs:

LSST Job problems (as seen on the LSST mail list).

-running smallish number of test jobs - .isc files changed quietly last month. Daniela will send info round to TB-SUPPORT

Daniela restates the wisdom "Please file a ticket against the site." Suggests Tier 1 run a nagios.

Discussion moves to the need for a monitoring framework for these VOs.

David has talk at GDB in September regarding rolling out of voms information. Interested in feedback about that.

AF points out that US have a central repository for this information, hence their penchant for unannounced changes. Need a UK VO Manager.

GR - OSG different paradigm, OSG runs more of the VO infrastructure. Where do we draw the line?

Ste - For us the Ops portal contains the information - "where our line is now". Need someone local to update this.

Action on Ste and AF to look into "hooking in" to the US system for these updates.

Can take this to the GDB - to get to the WLCG level. Need to discuss this at GridPP43.

Ste linked https://www.gridpp.ac.uk/wiki/Policies_for_GridPP_approved_VOs

DUNE second reprocessing campaign starting later this week. Once it is running flat out, we will ask sites if they believe they are getting as much DUNE work as they expect (eg if they have IRIS hardware which isn't full of IRIS supported VOs like DUNE.)

New VO status:

G-2 was mentioned to a few sites a while a go, any news on any front?

Nothing.

General Updates

Anyone have anything?

A/R Figures for July: http://egi.ui.argo.grnet.gr/egi/report-ar/Critical/SITES?filter=NGI_UK

Durham, Lancaster, ECDF and Sussex “below par”.

Meeting Updates

GridPP 43 Next Week:

<https://indico.cern.ch/event/828577/timetable/>

Other than that most meetings seem to be on a summer hiatus.

September GDB in Fermilab - well represented.

Tier 1 Status

Didcot power outage on Sunday Morning:

<https://www.bbc.co.uk/news/uk-england-oxfordshire-49375917> At the time, there appeared to be no problem. Subsequently it has come to light that an air-conditioning pump appears to have failed and the Cloud went completely down. Tier-1 however, was not impacted.

ATLAS are doing a large tape recall and reprocessing campaign currently.

The tape recall started on the 7th August. Castor has been outputting data at 1.4GB/s for the last week. We are into the tail now and have a few thousand files left. RAL is the first to finish and we were outperforming similar sized Tier-1 by a factor of two. In the last week there have been around 100k transfer errors out of Castor.

These are mostly timeouts relating to files taking too long which is understandable given the size of the recall and the fact it was purposely submitted all at once (to give Castor the best opportunity to maximise throughput).

Security Brief

David sent round the SSC reports on Friday. Any questions?

No Operational issues.

Storage and Data Management News

Meetings fortnightly, next meeting tomorrow.

On Duty Report

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

This is really an IRIS thing but may be of interest to people providing batch to local users: VMCondor provides simple batch access without X.509 certificates, with OpenStack or Vac VMs as the back end: <https://github.com/iris-ac-uk/iris-vmcondor/wiki>

Tickets

-Do to popular demand the ROD team submitted a ticket regarding those APEL-sync test failures we've all experienced:

https://ggus.eu/index.php?mode=ticket_info&ticket_id=142734

-Cambridge SE decommissioning is underway:

https://ggus.eu/?mode=ticket_info&ticket_id=142686

-I think this Manchester ROD ticket has been missed:

https://ggus.eu/?mode=ticket_info&ticket_id=142711

-Last one, do you need help with this t2k SE permissions ticket at Sheffield?

https://ggus.eu/?mode=ticket_info&ticket_id=142628

Site News

Elena - question on publishing, running publishing for missing tests.
Glasgow have network (almost) to their DC.

AOB

None.

Actions/Decisions from This Meeting

190820-01 Ste - Look at hooking into the OSG information lines for the Approved VO gubbins.

**There is a personar update been announced
you just cut out for me I can't understand the question
yes
no highre prioorty
ther voms has updated but maybe didn't tell anyone...**

for l1st

yes

that's what I said we haven't decided yet, how to run all the new VOs

My computer just crashed, so I missed the last 5 min. (Hard reboot!)

but l1st is not a wlcg VO

<https://github.com/opensciencegrid/topology>

for info

Indeed

I don't see the issue. Lsst didn't follow procedure, they suffered for it and now they have learned and it will get fixed.

absolutely

!

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

that is gridpp, what do we do as iris?

TBD

:D

bufalo buirgers!

My computer died again I'm now on my phone .

I can answer T1 issues if people havetehm

Sorry, I have to leave now

see you next week