GridPP Ops 09/07/19

Attending: Matt, DavidC, Elena, Dan, John H., WinnieL, SamS, Raja, Raul, James Perry, Vip Davda, BrianD, DarrenM

Action from previous meetings.

*190618-02 Raul, Duncan - form a plan for the future of perfsonar for GridPP sites.
-Ongoing, no news expected yet.
*190702-01 All (except Mark) - fill in your site HW surveys and send them to Gareth (Thanks to the 6 sites that have already done this!!).

VO Updates

Atlas:
1. VAC queues:
Atlas decided to give Vac "some love and attention" and move them to harvester.
UK resources:

UKI-SCOTGRID-GLASGOW_MCOREVAC
UKI-SOUTHGRID-CAM-HEP_MCOREVAC
UKI-NORTHGRID-MAN-HEP_MCOREVAC
UKI-SOUTHGRID-BHAM-HEP_MCOREVAC.

Score was switched off because VAC queue wasn't working with both MCORE and SCORE.

At Cambridge, all VAC hosts are running CentOS 7.6.
Elena will check AGIS settings for Cambridge.

AGIS settings have been corrected to work with C7 on all VAC queues. In particular the lcg-cp movers has been switched off. There isn't much else to do. Peter and Frank have moved the queues to Harvester and yesterday the APF was switched off.

2. XCache in Cambridge
https://its.cern.ch/jira/browse/ADCINFR-129

3. WLCG Operations Call

Atlas starts moving production queues to pilot2 + containers.

4. UKI-SCOTGRID-ECDF
  UKI-SCOTGRID-ECDF_LOCALGROUPDISK blacklisted in DDM: OFF for uw (DISKSPACE).

UKI-SCOTGRID-GLASGOW (SD)
  ggus 142136 State:in progress Date:2019-07-08 12:26:00 Info:High activity from nat005.gla.scotgrid.ac.uk on RAL frontier servers

  UKI-SCOTGRID-GLASGOW in downtime
Start Date   08-Jul-19 15:00:00
End Date   10-Jul-19 15:00:00
AC failure in one machine room

UKI-NORTHGRID-LANCS-HEP
  ggus 142079 State:in progress Date:2019-07-08 12:50:00 Info:All transfers failing to UKI-NORTHGRID-LANCS-HEP

UKI-NORTHGRID-SHEF-HEP
  ggus 141743 State:in progress Date:2019-07-01 11:07:00 Info:UKI-NORTHGRID-SHEF-HEP: Transfer errors with "TRANSFER Operation timed out"

UKI-LT2-RHUL
UKI-LT2-RHUL deletion fail with "The requested service is not available at the moment."
https://ggus.eu/index.php?mode=ticket_info&ticket_id=142152

CMS:
All Green, NTR.

LHCB:
Bristol : What is the status?
Glasgow : Aborted pilots and stalled jobs (not able to contact DIRAC servers) in the last few hours. CE / batch / site problems? - Clarified that it is in downtime due to A/C issues.

"Other" VOs: update on LSST DC2 runs from James Perry
Going okay - few problems after IC move. 300k jobs successfully completed, only 12k left to go for Year 6. Year 7 will be started after (some done already).

Jens Reported to Brian that vo.dirac.ac.uk are looking to get going again with data transfer to RAL.

Pete C asks about the Glasgow outage, it's being investigated.

New VO status: NTR

General Updates

NTR

Meeting Updates

Technical Meeting last week on the Glasgow CEPH experience:
https://indico.cern.ch/event/830146/
WLCG Ops Meeting last Thursday:
https://twiki.cern.ch/twiki/bin/view/LCG/WLCGOpsMinutes190704

(Pre-)GDB:
XCache: https://indico.cern.ch/event/739894/
Dynafed: https://indico.cern.ch/event/739894/
GDB proper: https://indico.cern.ch/event/739880/

Tier 1 Status

The only issue of note to report was CMS reporting significant AM/Hammer-cloud tests and job failures.

After investigation it appears as result of AAA and HC tests that were in error for a number of days during the week. This was traced back to a large number of CMS production jobs ("premix" jobs), that seemed to require significant I/O activity. (Possibly also an effect of merge jobs TBC)

The strain that was put on RAL disk Storage by this load had several effects: A significant number of the Production jobs were failing (~50 or 60 %), HC tests were failing, and AAA SAM tests were also failing.

For the avoidance of doubt and to aid clarity, the reason the Premix jobs were affecting the SAM tests and HC jobs so much was the following chain of events.
1) Premix job would run on a worker node with heavy IO over xroot from ECHO
2) Some event, possible the "slow request" interrupts the read.
3) The job backs off from reading directly from ECHO and tries AAA
4) AAA locates the file at RAL and the job carries on its heavy IO via the AAA proxies.
5) This happens to enough jobs that it knocks the AAA proxies over
6) SAM and HC errors ensue.
If it is possible to break the chain at link 4, this would make the system more robust.

Security Brief

Reminder of Security talks in GDB tomorrow (Wednesday)

[wider scope]
https://medium.com/@jonathan.leitschuh/zoom-zero-day-4-million-webcams-maybe-an-rce-just-get-them-to-visit-your-website-ac75c83f4ef5

Storage and Data Management News

Check out the pre-GDB

On Duty Report

Last week was quiet. There are a few open tickets, but nothing of any great interest. I didn't receive any IRIS support e-mails.

Daniela is on duty this week.

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

Tickets

Throwing Patrick in at the deep end, Sussex have a ticket:
https://ggus.eu/?mode=ticket_info&ticket_id=142057

Also there's the Manchester biomed ticket, discussed last week. Can we mark it in progress now that biomed have supplied a file list?
https://ggus.eu/?mode=ticket_info&ticket_id=141962

Site News

- Patrick has started as the new admin at Sussex.
    - Need to go storageless before they can upgrade. Dan okay with using QM.

AOB

Any more exciting ideas for GridPP43 topics? Agenda is now taking shape here:

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

Thanks to all those who have volunteered so far (both at last meeting via email), it's appreciated!

-Move to bi-weekly meetings over the Summer?
- Agreement

Actions/Decisions from This Meeting

-Ask Alastair to sort out technical meetings reminders
-Next meeting in a fortnight.

Chat Window:

Morning, where is the google doc with minutes for today? I want to put atlas information there
https://docs.google.com/document/d/1EMSdx7yLpLsBKphSidum_RCRlwFyjPYE0oYX1NyztoM/edit
Thanks David
Thanks, David
I was just doing the same :)
do we want to move to biweekly meetings during the summer?
yes
is anybody speaking....?
Matt is
And now Elena with the ATLAS update
@Dan - we an discuss moving bi-weekly in AOB later
A reminder to the late arrivals of where the meeting document is:
https://docs.google.com/document/d/1EMSdx7yLpLsBKphSidum_RCRlwFyjPYE0oYX1NyztoM/edit#
Please "sign in" :-)
too many meetings
No, I can't go. Too close to the end of the school holidays.
Sounds good to me
Thanks Matt!