Ops Meeting

12/3/19

Andrew McNab

Brian Davies

Chris brew

Dan Traynor

Daniel Bauer

David Crooks

Darren Moore

Duncan Rand

Elana Korolkova

Emanuele

Gareth Roy

Gordon Stewart

Ian l

John Hill

Linda Cornwall

Matt Doidge

Mark Slater

Winnie Lacesso

Pete Gronbech (Minutes)

Raja

Rob Currie

Sam Skipsey

Ste Jones

Teng

Vip Davda

Kashif Mohammad (Chair)

LHCB find

Lancaster larger number of reported pilot failures.

Started staging data in prep for next round of re processing run 1 and 2 data.

Gareth reported a ticket a Glasgow.

CMS most good

Brunel having some issues with

Atlas

Couple of tickets at Lancaster. DPM issues.

Old tickets for RAL.

Working on it.

QM squid service issues.

Oxford unspecified Grid Manager Error.

The job was using more memory than usual.

Several sites are being configured to do gridftp, brunel and QMUL.

Last week jamboree in CERN.

Elaina talked through the slides. (See attached to agenda) https://indico.cern.ch/event/803627/

Atlas expect sites to migrate to CentOS 7 by July 2019

Recommend HTCondor or SLURM

Condor or ARC CE is recommended.

Should move away from Cream-CE.

Atlas understands it's not trivial.

DPM , dCache and Storm for storage.

Atlas using gridftp, https and xrootd.

Most site shave IPv6 accessible storage.

Most sites have 10Gbit networking.

Containers: Most singularity but some use docker.

DOMA TPC

DDM Status

MS: Question wrt diskless sites. Bham, can provide enough storage to be useful. MS asked what they would recommend for a site like Bham that will be going below threshold in a few years. They suggested testing xcache. MS will try if it is easy.

Atlas should discuss individual cases by email.

MS has about 2-300TB available for testing.

SS: this technology has existed for some time.

SS prefers ARC CE cache rather than xcache. This seems to match the work flow better, but does not work well with pilots.

At some point they said 460TB they expect this to increase by 15% per year ish.

So a few years down the road will be a problem for Bham.

2020 700TB

2021 800TB

+15% per year….

Is there any site that has not started migrating to CentOS7.

PG asked if sites could check there status on the wiki page.

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

(There may be another page for CE's too??)

RHUL and Durham are looking at ??

GDB Tomorrow

EGI OMB meeting yesterday.

Availability and Reliability report.

All sites OK except Lancaster.

MD: Life is interesting at Lancaster…

Tier-1

Business as usual. Some issues with Atlas SRM tests, being fixed.

New UMD release.

ARC release with addresses the issue of held jobs.

DPM legacy mode end in June 2019.

Sites must move to DOME?

SS: The SRM parts will also not be officially supported.

1 Move to DOME

2 You can keep SRM running but it will be less supported.

They will start opening tickets after June.

UK contributed to debugging (Brunel and Lancs)

Most issues appeared when loaded. So had not been picked up in the test bed.

On Duty …

David C: Security

Security team have been updating the security discussion list membership.

Trying to keep the wiki up to date.

SSC fairly imminent.

EGI Security policies.

Security handling procedure and checklist.

Policies

Job tracing scripts /advice for SLURM would be useful.

When the SSC does start it will have its own set of rules and channels of communications.

Tickets:

Tuesday 12th March 2019, 10.15 GMT
41 Open Tickets this week.

Biomed .lsc Tickets
A few of these don't seem to have been 'spotted' yet:
139971 (QMUL)
139961 (LIVERPOOL)

When do you give up on a disk server?
139863 (LANCASTER)
A broken disk server has been causing all manner of troubles at Lancaster - and we've not had any luck fixing it. The data's okay (it's the NIC that's broken), but at what point is it easier just to declare the 121TB of data on board lost?

When is an atlas ticket not an atlas ticket?
139741 (Glasgow)
When they forget to fill in the "concerned VO" section. In a slightly similar theme, Sam notes the pain of having to click through files on the DDM monitoring pages to look for failures (I've had some success by downloading the json and grepping through that, but that's still a cold comfort when you're dealing with a good few thousand failures as you can only do 500 fails at a time).

Whistle-stop Tour of the v6 Tickets OXFORD: 131615
Last update: 7/1/19. Could do with a bi-monthly update, even if it's "nothing to report, move along".

BIRMINGHAM: 131612
Last update: 5/2/19. Things were looking a little positive last month with Mark wrestling with v6 DNS, were you victorious Mark?

GLAGOW: 131611
Last update: 5/2/19. v6 kind of works at Glasgow, if one defines the concept of working loosely enough. I don't think any more news is expected a month on, but it would be nice to be proved wrong.

ECDF: 131610
Last update: 4/2/19. The chaps at Edinburgh were waiting on DPM 1.11 to come out before dual stacking their storage. Wait longer. Trust me. Just wait.

DURHAM: 131609
Last Update: 4/12/18. Any news whatsoever from your networking team? The ticket has reached a point where it could do with even a null update.

SHEFFIELD: 131608
Last Update: 30/10/18. This really, really, really, really needs an update, especially as the last word was quite positive.

MANCHESTER: 131607
Last update: 3/12/18. Similar for the Manchester ticket. Last word was quite positive, but since then silence.

LIVERPOOL: [131606](#)
Last update: 6/2/18. John gave a good summary of the situation, with the site waiting on upgrades due next FY. Hope it all goes well.

RHUL: [131603](#)
Last update: 23/1/19. No change at RHUL, but it really would be nice to see how outsourcing the v6 DNS to JANET works out.

MD:

Lancaster had core network out over the weekend.

Problem with a mellanox card, and poor support response from xma

DPM was not happy (under DOME) with a dead disk server.

SS: Was it DPM or gridftp redirection

MD: It was DOME itself, had to manually disable the node. Then DPM stopped trying to poll it.

Atlas ticket at Glasgow. Sam was having trouble going through the DDM monitoring pages.

Also seems that you have to be a member of Atlas to use some tools.

Oxford no news on IPv6.

Bham was good last month. Can now add IPv6 DNS entries.

ECDF waiting on DPM 1.1.11

Lancaster DPM not working properly.

Perfsonar boxes have managed to keep their v6 addresses.

MS: Old Cream CE is only existing for tests.

Has been suggested to decommission it, will start this week.

Needs to be decommissioned in GOCDB. Availability / reliability will go to zero.

Forcing the issue may be the best option.

GR: Isn't the big problem the fact the ROD will see an alarm on the dashboard

PG: How did we handle UCL who is now VAC only.

Chat Window

Apologies, I'm late.

DB

Matt

Sorry I'm late.

MD

Daniela

Am I the only one that is worried that Atlas singlehandedly tries to declare whole bits of grid technology obsolete ?

DB

Brian

Mark, since you are already au fait with xrootd servers, should be relatively easy

BD

Samuel

(I note that "trying out Xcache and testing it" was one of our suggestions for something we could try at Birmingham last year, from the Storage Group)

SC

Today at 11:25 AM

Vip

http://egi.ui.argo.grnet.gr
https://ggus.eu/index.php?mode=ticket_info&ticket_id=139877

V

David

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

DC

Today at 11:43 AM

https://wiki.egi.eu/wiki/SEC01
https://wiki.egi.eu/wiki/File:SEC01-RC.jpg

DC

Today at 11:44 AM

Brian

agree

BD

Matt

https://goc.egi.eu/portal/index.php?Page_Type=Site&id=104
<--- UCL goc