Ops Meeting 250613

Present

Pete Gronbech (Chair)
Kashif Mohammand
Dan Traynor
Alessandra Forti
Andrew McNab
John Bland
John Hill
Daniela Bauer
Elana Korolkova
Wahid Bhimji
Andrew Washbrook
Steve Jones
Mark Slater
Gareth Roy
Gareth Smith
Duncan Rand
Chris Walker
Robert Frank
Raja Nandakumar
Ewan MacMahon
Rob Harper
Chris Brew
Govind Songara
Matt Doidge
Luke Krecko

Experiment issues

LHCb

Few MC productions running. Problem at IC where jobs failing to setup environment properly, failing SAM jobs. Separate to the disk server issue this is related to CVMFS setup. Running commands by hand works fine but not when LHCb does it. Since 14:30 yesterday SAM tests have been successful. Will ask Vladimir to submit some more SAM tests.

Following up with GGUS ticket. Have configured RALT2 as a T2D site for LHCb. 100TB there, running tests. Some FTS3 problems . Working on it and hope to have overcome them by the end of this week.

VAC is now in production at Manchester running on 20 nodes running. This appears on the DIRAC page. 10 machine 20 cores (40 Hyper threading) but only running 20 jobs.

Oxford has setup a test instance to be setup. Lancaster also but neither are live yet.

CMS

All UK sites in good standing. IC at the limit following a power outage which caused caused the loss of a 20TB disk server. Some testing and data files lost.

There had been something on the CMS mailing list about a T1 xrootd issue, will try to find out what it is all about.

Atlas

Last week's report was mainly about plans. Sites should update CVMFS after the meeting.

Storage blacklisting is in place since last week.

Sites can request email notification when they are blacklisted by asking cloud support.

Software validation jobs run via panda now.

HC tests over the weekend had a problem.

Whaid is adding webdav enabled sites to AGIS.

Other

Number of sites failing tests from t2k . Chris sent an email to tb-support. Cernatschool progress on WMS. Both Glasgow and RAL WMS support them. (in addition to the IC WMS)

SNO+ made a little bit of progress getting tools working on Ubuntu.

Webdav expect to deploy at QM in new few weeks.

Should make it easier for small VOs data distribution.

Problem adding the VO to the ops portal were just down to Chris being busy.

Meetings and updates:

Tier 1 Status

Completed generator load test successfully. This is good news as it had failed last week.

Update of castor name server should be a week tomorrow. 3rd July.

5 hours downtime. Will do name server component the stager components one per instance. Main VOs and Gen.

Work on proposed batch system still being tested. Have had problem keeping farm busy but has been stable for 5 days.

WLCG Ops co-ordination:

Middleware , glexec

Is it better to move to EMI2 or 3. Result of discussion, while it is not recommended to move to EMI3 it will not be discouraged. UK plan is to go to SL6/EMI3.

Liverpool had a problem with a CE that did not have reverse DNS lookup. Have passed tests, simulation, validation and reco.

CMS , DESY HH has 30% resources on SL6, EMI3. CMS running in production. Since CMS and Atlas are the VOs with the most problems it is encouraging that the production has no problems. Need more resources. Not yet tested all analysis jobs.

Pilot developer VOMS proxy info …..

Liverpool

Glexec discussed again, MB has decided to go ahead. Tracking page available.

New version of Perfsonar is out now. Duncan will look at the new version of mesh in UK.

Accounting

Sheffield has corrected it's publishing

Documentation:

Discussion about how to get VOs in ops portal.

On Duty.

All ok.

Rollout

Nothing

Security

There will be some feedback from SSC6 report shortly. Broadly worked well however some sites tripped over the user banning method.

One minor CRL issue at one site.

Puppet vulnerability , sites should upgrade.

Central user blocking is still not yet setup but is the plan.

Services

Perfsonar .

Work being done to improve the mesh. Will be able to include different ones.

VOMS backups. GridPP VOS need to update their Voids card.

CW and Kashif to.

Needs automating.

Tickets:

NGI

Re FTS Brian dealing with it. 94766

Webdav enabling on RAL LFC would be useful. 91658

IC LHCb problem previously discussed.

Cernatschool RAL and Glasgow tickets.

Tools

DIRAC at IC had requested more test users.

NorthGrid and t2k .

IPv6

Liverpool not possible at the moment

RALPP

IPv6 tracking page to be created.

Robot certs how to use them docus to be updated: Action 120605-01

Change perfsonar one to use 3.3 and implement the mesh.

LFC backup? Db behind the LFC for non LHC vos not high priority

Perfsonar letter. Done

Middleware support for CE/Batch system and maui.

No support since 2011.

Adaptive computing have older version than ours. No answer from EGI.

T1 testing alternatives . ARC ce and Condor batch.

Now 500 jobslots being tested at RAL.

Andrew Lahiff to provide update.

Puppet meeting?

PG to send doodle poll for puppet meeting.

Alessandra, luke, kashif, ewan, chris,….

Chat Window:

[11:02:58] Andrew McNab Sounds like that airlock scene from 2001

[11:03:02] Steve Jones It sounds like puff the magic dragon.

 [11:10:54] Ewan Mac Mahon Twenty cores or twenty boxes?

 [11:11:19] Ewan Mac Mahon Also, I have vac basically running on on 8core box at Oxford, but not doing work yet. That's next.

[11:11:37] Ewan Mac Mahon I expect to require some hand-holding.

[11:12:47] Ewan Mac Mahon Sounds good. I have a half written email that I'll finish off and send to vac-users later on.

[11:13:57] Elena Korolkova http://dashb-atlas-ssb.cern.ch/dashboard/request.py/

siteview#currentView=testPut&highlight=false

[11:15:46] Ewan Mac Mahon I don't think there's a real problem at Oxford - I did have a bit of a look at the cluster when we were put in test - it looks OK to me.

 [11:29:34] Steve Jones How many slots should I put on SL6/EMI3 (we have ~ 900 that must be switched in time)?

[11:29:53] Steve Jones Surething.

[11:30:22] Steve Jones Yes - I can schedule more for atlas too.

[11:31:18] Alessandra Forti https://twiki.cern.ch/twiki/bin/view/LCG/GlexecDeploymentTracking

[11:33:18] Wahid Bhimji At ecdf it won't be so easy -

[11:33:23] Ewan Mac Mahon And do email Kashif for configuration advice

[11:33:31] Wahid Bhimji argus is fine

[11:33:55] Ewan Mac Mahon ARGUS is about to be required anyway. glExec isn't much additional work on top.

[11:33:59] Wahid Bhimji but little use as argus doesn't work with DPM

[11:34:09] Alessandra Forti great

[11:34:16] Wahid Bhimji so it hardly fains us much - given we have to ban seperately there anyway

[11:35:14] Wahid Bhimji Ewan glExec is additional work at ECDF -

[11:35:15] Ewan Mac Mahon DPM is going to have to grow some degree of support for the central user suspension thing, whether that's direct argus support or something cruder like a cron job pulling the ban list.

[11:35:37] Wahid Bhimji yes it is supposed to be there (argus support in DPM)

[11:40:13] Ewan Mac Mahon Yes, that too.

[11:40:19] Ewan Mac Mahon I knew there was something else.

[11:44:39] Pete Gronbech https://grid-deployment.web.cern.ch/grid-deployment/wlcg-ops/perfsonar/conf/monde/V11/

[11:46:29] Daniela Bauer as far as I am concerned we are done

[11:46:30] Ewan Mac Mahon AIUI it's up to the VOs to change their VOID cards now.

[11:46:36] Ewan Mac Mahon The servers are sorted.

[11:49:50] Duncan Rand COuld someone remind me which transfers are using FTS3 at the moment please

[11:50:14] Alessandra Forti I think still the functional tests in atlas

[11:51:26] Duncan Rand OK, thanks

[11:53:57] Gareth Roy Sorry no microphone, unfortunately Mark's not here as we're currently moving office - which is also why I don't have a microphone

[11:55:03] Elena Korolkova TYhe next year you mean 2014?

[11:55:08] Ewan Mac Mahon We should create a wiki page to track this.

[11:55:14] Ewan Mac Mahon Wiki pages are great.

[11:55:45] Elena Korolkova Some time in 2014?

[11:56:13] Rob Harper RALPP IPv6 progress depends on how much effort the RAL networking team can put to it. AFAIK there is no timetable as yet.

[11:57:10] Ewan Mac Mahon I think in a nutshell, everyone should get some sort of IPv6 capability as soon as possible, but that may not be all that soon.

[11:57:31] Ewan Mac Mahon But we don't want to start pushing people after we start needing it for real.

[11:57:34] Ewan Mac Mahon Oh. Maybe.

[11:58:12] Ewan Mac Mahon We can tack it onto https://www.gridpp.ac.uk/wiki/IPv6

[11:58:16] Steve Jones There is a page - stale etc. We can set it up.

[11:58:22] Ewan Mac Mahon Seems a natural home for it.

[11:59:23] Pete Gronbech https://www.gridpp.ac.uk/wiki/Operations_Team_Action_items

[11:59:31] Gareth Smith To pick up a question from a while ago. CMS debug tests inbound to RAL-LCG2 are also using FTS3.

[12:03:28] Daniela Bauer On the previous point: Simon wrote a python script that you can use to renew your server certs without them ever leaving teh server

[12:03:50] Matt Doidge I can have a go at updating our perfsonar

[12:06:20] Duncan Rand OK Matt

[12:09:16] Ewan Mac Mahon It's always the UK that worries about stuff in advance of it becoming a crisis.

 [12:10:45] Ewan Mac Mahon I'm really surprised that RAL seemed to have scaling problems with slurm - I think it's safe to say that LLNL run it on things that are bigger than RAL

 [12:11:57] Duncan Rand http://panglia.triumf.ca/site/generator.php?SITE=RAL-LCG2_SL6&TIME=day&SIZE=large&GRTYPE=individual&SCALE=regular&STATE=ALL

[12:12:49] Duncan Rand looks like a steady 500 jobs

[12:14:59] Duncan Rand don't we have enough UK experience to help each other?

[12:16:13] Ewan Mac Mahon It's not just about help, it's about development work and trying to avoid duplicating it.

[12:16:34] Wahid Bhimji who are you talking about who has nice code

[12:16:43] Alessandra Forti steve traylen