

DTEAM joint meeting 1st Dec 2009

James Cullen
Sam Skipsey
Dug McNab
Matthew Doidge
Jeremy Coles
Stephen Jones
Elena Korolkova
Raja Nandakumar
Matt Hodges
Rob Fay
Ewan Mac Mahon
John Bland
Catalin Condurache
Richard Hellier
Alessandra Forti
Stuart Wild
Daniela Bauer
Chris Brew
Rob Harper
Graeme Stewart
Alessandra Forti
David Colling
Brian Davies
Kashif Mohammad

Review of weekly issues by experiment/VO

LHCb:

Raja : Waiting for data, no un-understood sites banned in lhcb, one concern is Liverpool. It seems that one site is moving to CentOS.
John: 3 ce running, one standard SL4 and it would retire in future. one is sl5 and the other one is for shared university cluster which is running SuSe and plan to move to CentOS, probably in next year.
VO card update at lhcb, 150 GB software area for lhcb, its not critically urgent for tier2. Site should monitor amount of free space at shared area.
Jeremy: any site which is critically short of space in shared software area. None responded.

CMS

Chris Brew : got small amount of data, 3 main cms tier-2 should expect chaotic user analysis jobs, some may get monto carlo production job.

David : site readiness at UK site was not great for last 4 -5 days. But its seems fine as most of the problem resolved.

Atlas:

Graeme:

Most sites going very well. Manchester storage is backline. Have some problem at Birmingham , but seems ok. Some initial analysis jobs came to UK sites.

Squid at Cambridge: working with Pete and Santanu to solve the problem but Cambridge has a backup squid server at Oxford.
No urgent operational issue.
Jeremy: Frontier issue at RAL
Catalin: modified the configuration file for squid frontier at RAL.
But cant says that weather problem is disappeared or solved.
Greame : Its very hard to verify because of multi level of cache talking to same of experts of database at atlas to verify
Inject energy collisions at schedule.
LHC Status : On Schedule, expect injection collision this week. May see some 1.2 collision by end of year
David: schedule so often change ,usually happening early. So forth its going better than expected
EWAN: oxford local user wants disk space to generate data for local physics group. This is kind of query we expect to receive when data start coming ,It would be helpful if VO provide more information relevant to users.
A user from UCL filled the Glasgow job slots and 6500 jobs were in queue. It crashed the maui.

- Other

- Check on blacklisted sites
Nothing to fallow on blacklisted site

- SL5 upgrade issues
Lancaster still have some problem. But working with others to solve it.

ROC update

- Nothing to fallow up, no problem found with oracle backend
From the EGEE ops meeting:
<http://indico.cern.ch/conferenceDisplay.py?confId=75507>
Staged roll out taking place in glite
- <https://twiki.cern.ch/twiki/bin/view/LCG/OpsMeetingGliteReleases>
- Staged rollout taking place for
-- NEW TORQUE server client and utils for SL5
-- NEW SCAS (Site Central Authorization Service) for SL5
-- NEW GLEXEC for SL5
-- NEW CREAM for SL5
-- More early adopter sites required!

No more pre production site, early adaptor sites required.
Graeme : Not sure that they are ready for production, like glite-CE
Cream is looking more stable but still have doubt about ARGOS/SCAS

Chris Brew : Is it smooth to move from SCAS to Argos.
Jeremy : In WLCG opinion sites should implement scas as they think that ARGOS would not be ready before end of 2010 although it is in production stage. As happened in case of scas, they started to face problem when moved from http testing to https testing.
Already asked John Gordon many times and he is in opinion that sites should install scas.
Ewan: Are scas and argos interface similar, i.e interface to glxec.
Is it visible from outside that weather a site is deploying scas or glxec.
Graeme: as for experiments goes, it does not make any difference.
Chris: as for as I know they are supporting same network calls.

Ewan: Its quite clear that what the guidance is, but not clear why. Sites have concerned that if they put effort in deploying scas and then told to move to Argos.

Jeremy: The argument from John is that they don't know when argos would be ready and as a community in UK we put our reservation about multi user pilot jobs and now if we turn around and say that we are not deploying scas, then it would be contradictory.

Jeremy: we can again raise this in GDB next Wednesday.

Status of deployment of scas

RAL: to install scas and glexec it would be required to turn ce toward scas and at this stage it is little scary. May be in January during downtime but it would also depend on no of analysis jobs running.

Dug : Have installed and test cluster but we have not made any decision to move it to production. We understand it but vary because no idea that how it will behave under heavy load. No deployment of sl5 WN glexec

James: In processor of installing scas, but on test cluster

Kashif : Cream ce working but not yet started on scas

Daniella : yet to start.

From the site reports:

- QMUL [28/11/09 00:01 to 30/11/09 23:59]Permanent removal of SE01 from service. SE01 was used for testing StoRM. It has served its purpose, and our new StoRM SE, se03 is being used in production. Se01 is running an old version of StoRM, and this is publishing incorrect data into the information system, so we plan to remove it to avoid this. We may bring se01 back into service with new hardware at some point in the future.

- LANC [28/11/09 00:01 to 01/12/09 23:59]New node hardware hasn't arrived yet, node still in downtime. Other site CE is still fully operational however.

WLCG update

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Ticket status

https://gus.fzk.de/download/escalationreports/roc/html/20091130_EscalationReport_ROCs.html

50491 - RHUL. CMS transfers. Jumbo frames - to be done. Place on hold? 5/10 *****

52197 - Urgent. Oxford - DPM. Fusion VO. Stalled in October.**

Ewan : it actively worked on with fusion people at Jet. Its seems that there are some problem with VO card publishing. But not understood yet.

x52492 - Test of VOMS support.

SCAS and glxec

This is from John Gorden mail.

- It will be acceptable for the experiments to run multi-user pilot jobs without requiring identity switching for a period of 3 months (i.e. until end of February 2010)
 - This means that we are temporarily and exceptionally suspending the identity-switching requirement of the existing JSPG Policy on Grid Multi-User Pilot Jobs: <https://edms.cern.ch/file/855383/2/PilotJobsPolicy-v1.0.pdf>;
 - During this time problems with workloads at a site will be the responsibility of the VO – i.e. The entire VO could be banned from a site;
 - The situation will be reviewed after 3 months, or earlier if needed due to operational or other circumstances.
- The deployment of glxec and SCAS (or equivalent) should proceed as rapidly as possible at all sites. The versions of both components for SL5 are now available. Note that SCAS is the solution for EGEE sites, other implementations of this function may be implemented elsewhere, but glxec must be deployed as the interface for the pilot jobs to use.
- The experiments that propose to submit multi-user pilot jobs should endeavour to ensure that their frameworks make use of these tools on this same timescale.
- We will implement a test to validate the availability and usability of a glxec installation at a site.
- The long term policy requirements of traceability and the ability to ban individual users from a site remain unchanged, but we agreed to start a review of how these requirements could be better managed and implemented in the long term to satisfy the needs and constraints of sites and experiments.

Ewan: it would be useful that sites can advertise that they are supporting multi user pilot jobs at fine grained level. Like in Oxford it is OK for main cluster but we are also submitting jobs to ngs cluster and they would not agree to allow it.

Allexendra : Any change to Glue Schema takes at least 2 years and panda does not use information system.

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There is a GDB tomorrow
http://indico.cern.ch/conferenceDisplay.py?confId=64669
-- LHC Status
-- Pilot jobs and data taking
-- Operational security
Romain will give update on security, UK sites are lareday updted
except uCL which needs an patch from vendor.
-- Middleware
-- EGI-Inspire
-- Batch systems :
Dug :An overview of some functionalities of creamce which pass
information to batch system and scheduler.
Allessendra : did you write the script
Dug : Dennis from NIKHEF written some standards so system managers
can define their requirements.
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Actions

Most sites should keep checking gstat and try to improve it.

Chris: You have to round fractional no.
SAM suggested some tweak to improve NFS , SAM
Pete noticed that most sites are not part of gridpp as entity.

] James Cullen joined
[10:58:10] Sam Skipsey joined
[10:58:12] Dug McNab joined
[10:58:12] Matthew Doidge joined
[10:58:14] Jeremy Coles joined
[10:59:46] Stephen Jones joined
[10:59:54] Elena Korolkova joined
[10:59:59] Raja Nandakumar joined
[11:00:02] Matt Hodges joined
[11:00:21] Rob Fay joined
[11:00:22] Ewan Mac Mahon joined
[11:00:34] John Bland joined
[11:00:56] Catalin Condurache joined
[11:01:10] Jeremy Coles Waiting for a few more of the coordinators and expt. reps.
[11:03:23] Richard Hellier joined
[11:03:31] Alessandra Forti joined
[11:04:04] Stuart Wild joined
[11:04:15] Daniela Bauer joined
[11:04:24] Alessandra Forti left
[11:05:13] RECORDING Mohammad joined
[11:05:20] Chris Brew joined
[11:05:36] Rob Harper joined
[11:05:49] Graeme Stewart joined
[11:06:35] Alessandra Forti joined
[11:12:16] David Colling joined
[11:20:27] Brian Davies joined
[11:20:48] Brian Davies apologies, was in ATLAS DDM meeting.
[11:35:52] Graeme Stewart OK, i have to leave now. Sorry.
[11:36:00] Graeme Stewart left
[11:40:59] Ewan Mac Mahon Just to be clear the Oxford SCAS is proposed to be installed on a test system, not the main production one.
[11:41:15] Ewan Mac Mahon It will be publicly visible, but small.
[11:41:49] Alessandra Forti so it is in other sites
[11:42:03] Alessandra Forti manchester at least will stay on test cluster
[11:46:13] Matthew Doidge Dug - could you please e-mail Pete Love your static-file-CE.ldif if you get the chance. The cluster ldif was very useful but we could do with the corresponding CE ldif. Thanks!
[11:51:36] Dug McNab sure
[11:53:57] Matthew Doidge Cheers
[11:54:14] Matthew Doidge We owe you a drink or two
[11:55:32] Dug McNab now worries, I am glad it was of use
[11:59:46] Ewan Mac Mahon DO the users have to know what the underlying batch system is?

[12:00:33] Jeremy Coles Under actions: <http://gstat-prod.cern.ch/gstat/summary/country/>

[12:00:53] Jeremy Coles

http://goc.grid.sinica.edu.tw/gocwiki/How_to_publish_my_site_information

[12:04:28] Ewan Mac Mahon Clearly the next round of GridPP funding should only go to sites that are (advertised as) part of GridPP