

Minutes: 30 June 2015

Attendees:

Andrew Lahiff
Andrew McNab
Brian Davies
Daniel Traynor
David Crooks
Elena Korolkova
Ewan MacMahon
Federico Mellaccio
Gang Qin
Gareth Roy
Gordon Stewart
Ian Loader
John Bland
John Hill
Kashif
Liam Skinner
Matt Raso-Barnett
Matt Doidge
Paige Winslowe Laccessio
Robert Fay
Robert Frank
Samuel Skipsey
Tom Whyntie

LHCB:

Andrew: Problem with RAL infrastructure ticket which is still going.

Brian: A quick update,

* We had identified a misconfiguration on worker nodes lcg1803-lcg1862. These are being drained for reconfiguration.

* We have disabled LHCB on the Cloud VMs

CMS:

Nothing interesting

Site readiness report shows that Bristol seems to have some problem. Daniela will talk to them

<https://twiki.cern.ch/twiki/bin/view/CMSPublic/SpaceMonSiteAdmin>

ATLAS:

ATLAS C&S week at CERN

No tickets

RHUL has a reduced (<80%) for June. It is because they had a problem with storage which lasted for several days. It would be better to declare DT in such case, so the metrics can look better.

Mail from Alastair about new SAM test. These tests will be using gfa2/DDM probes. All sites in UK look OK.

Dirac:

Sam : 40 TB gone to tape. There is concern that how to properly account ownership of files on tape. There are also issue with bdi/srm mismatch. Have a long list of ongoing actions.

UKQCD: Sam

User successfully running jobs, but large output files caused problems for Glasgow WMS nodes. User aware and situation being improved - the large log files will not be generated in future.

UCLan/GalDyn: Tom

Some jobs have been run with full chain using CVMFS and now scaling up for production. At the production stage it will start using Ganga

Operation Bulletin

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

General Updates:

Steve's GridPP Test: Gareth commented that most of the time it doesn't show reality. General feeling was that this test is not very useful any more

Camont VO :

There was a discussion about whether VO's are allowed to repurpose their usage or not. Ewan was in opinion that they should not be allowed to do this and instead create a new VO. It is an agreement between site and VO and they cannot change it without sites to reauthorize their new usage.

John Hill said that it was a pragmatic decision as there is likely to be one user and it is more of pain to create a new VO for user.

It has also been suggested that it is better to use gridpp VO so if in future user can use dirac without any configuration change. .

WLCG Operation Coordination:

New WLCG ops portal will be live soon.

Tier-1: Refer to Operation Bulletin

Storage:

Sam gave a brief overview of yesterday's meeting for CEPH/GridFTP plugin

<https://indico.cern.ch/event/402898/>

Ian Johnson is developing plugin for Ceph/GridFTP. It is in testing state. It is required for VO file transfer via FTS to CEPH storage pools.

Slow performance against Ceph pool for GridFTP plugin and Xrootd plugin, compared to order-of-magnitude higher perf against bare disks on same machines.

Trying to get Globus official hosting for CEPH plugins.

Authorization: It is currently managed via a gridmapfile which acts as whitelist for DNs. Whitelisted DN have full R/W/X access against all objects in the pool.

Ewan proposed to test across different sites.

Documentation: Can everyone have a look at the pages they maintain? There are many pages which are outdated.

Interoperation: There is a meeting next week.

ROD Duty: There are false alarms about lcg-CA release. Kashif has opened a ticket

https://ggus.eu/index.php?mode=ticket_info&ticket_id=114742

It is affecting every EGI

Tickets: Refer to Operation Bulletin

GridPP Core OPS Task:

Stage Rollout: It is almost obsolete and there is very little central oversight. Sam mentioned that most of software like DPM has their own testing phase. Most of the sites are directly installing from product repositories. Daniela said that it can be kept for special products.

On-duty coordination: ROD Dashboard does not serve the purpose of experiments which are the major users but it is a very useful tool to test site functionality. Generally Nagios functional tests check basic working of site and generate alerts before experiments. There is also fear that if monitoring is left to experiments then they might ignore smaller sites.

It is suggested that checking VO Nagios and Dirac monitoring can be included into core ROD duties.

Tickets Follow up: It is working very well with lots of thumps up!. It is useful as some of the issues come up for general discussion which might not be discussed otherwise. Matt suggested that it will be useful if people from ROD team can keep an eye and let Matt know about interesting tickets.

Tools: Kashif is managing Nagios at Oxford and Lancaster . VO Nagios seems to be useful as well

Documentation: Tom is testing new website. There are some questions about old content and structure of documentation. Tom will give access to Andrew for testing.

Security: It is working quite well and team have routine meetings. Although Ian has joined fulltime but Ewan feels that it is good to have a backup team. It encourages more involvement from the sites.

Monitoring: Tracking monitoring tools at site and experiment level. Sites are encouraged to share their monitoring tools and tricks.

Pete asked about documentation and suggested that other people should also contribute to documentation. ELK can also be included in monitoring tools list.

Accounting: Gareth R raised the issue that currently there is no mechanism to know that ARC CE is publishing or not. Nagios has a test for CREAM CE to check sync record but ARC does not have any test

Core Grid Services: Currently WMS and TopBdii is considered core service. Duncan suggested that PerfSonar and Dirac should be added as well. Although it is not clear that what is main role of this group as services are managed by individual sites.

Wider VO Issue: Smaller VO has become more relevant and it is useful to have someone who can talk to VO representatives or new VO's.

Grid-interoperation: The original mandate was to co-ordinate with NGS and it cease to exist. David attends EGI OPS meeting regularly and it is a useful engagement.

Action Items: Pete closed many actions

Chat Window:

Federico Melaccio: (30/06/2015 11:01:16)

could you hear me?

Brian Davies @RAL-LCG2: (11:02 AM)

Public Diary:

A quick update,

* We had identified an misconfiguration on worker nodes lcg1803-lcg1862. These are being drained for reconfiguration.

* We have disabled LHCB on the Cloud VMs

Matt Doidge: (11:02 AM)

The lhcb ticket in question:

Brian Davies @RAL-LCG2: (11:02 AM)

I have no mic

Matt Doidge: (11:02 AM)

https://ggus.eu/?mode=ticket_info&ticket_id=114659

Paige Winslowe Laccess: (11:04 AM)

EXCUUUUSE ME?!

Daniela Bauer: (11:06 AM)

Winnie, you were in downtime, but as far as I can tell Bristol is not exactly proactive in monitoring their CMS status.

Brian Davies @RAL-LCG2: (11:09 AM)

~ 40TB so far

have a list of ongoing actions

is intentional that files go to tape. Issue also with bdii/srm info mismatch

Matt Doidge: (11:14 AM)

roundtrip error

Ewan Mac Mahon: (11:14 AM)

That's still a known thing.

Matt Doidge: (11:15 AM)

I'll play with my gain

*play

A set of aggregated UK monitoring is useful.

Ewan Mac Mahon: (11:17 AM)

I'm not sure they're useful any more; I certainly don't really use them.

I think there might be scope for re-working them to be useful again, but I haven't given it much thought.

Gareth Douglas Roy: (11:17 AM)

Replacing them with Dirac/GridPP test might be useful

Paige Winslowe Laccess: (11:17 AM)

YES it's fixed

Ewan Mac Mahon: (11:18 AM)

Or possibly direct submission, depending on what we're trying to test with them. Or a mixture.

Gareth Douglas Roy: (11:19 AM)

Yeah, the problem is they don't represent how anyone is submitting jobs at the moment, Small or Large VOs

Ewan Mac Mahon: (11:20 AM)

prthrrrp!

They should just set up a new one.

Matt Doidge: (11:21 AM)

I for one have deleted them from our setup

Tom Whyntie: (11:21 AM)

I agree with Ewan

Federico Melaccio: (11:21 AM)

I agree

Tom Whyntie: (11:21 AM)

They can use a regional one in the meantime

That's what the regional VOs are for

It's not like there isn't a solution for this use case

Brian Davies @RAL-LCG2: (11:24 AM)

Do non-southgrid sites support the southgrid VO?

Ewan Mac Mahon: (11:24 AM)

I think that was nine for camont.

Daniela Bauer: (11:25 AM)

Why not use the gridpp VO ?

He might even be able to use dirac :-)

That's the one VO that's actually halfway tested.

halfway even

Ewan Mac Mahon: (11:27 AM)

Southgrid list for now, shall we say?

Brian Davies @RAL-LCG2: (11:28 AM)

report is in the page

Ewan Mac Mahon: (11:39 AM)

Doing it in the gridftp layer does sound better, but we'd want to make sure that xattr is in a form that both the gridftp and xroot front ends can use.

Samuel Cadellin Skipsey: (11:40 AM)

Yes, talking to Sebastien and keeping him in the loop is the best thing. (The problem with xrootd is, as Sebastien mentioned, the auth layer is orthogonal to the transport layer.)

Federico Melaccio: (11:42 AM)

I have fixed the spelling

now our surnames are appearing in the bulletin

Brian Davies @RAL-LCG2: (11:44 AM)

regarding rollout, we have found gfa2 version 2.9.30- works with castor

2.9.3-1

regarding perfsonar and jumbo frames, found an mtu of 9000 failed for some T1s, but 8000 works be interested to know if Jumbo Frame enabled T2 have any view

John Bland: (11:50 AM)

steve's on holiday for 3 weeks (the lucky bugger)

Federico Melaccio: (11:52 AM)

maybe it is a silly question: is there any list of people responsible for core ops anywhere?

David Crooks: (11:53 AM)

There's a gridpp-ops list

Federico Melaccio: (11:54 AM)

yes, I'm on it, but it does not tell who's doing what

Samuel Cadellin Skipsey: (11:54 AM)

Also, if you go to https://www.gridpp.ac.uk/wiki/Category:GridPP_Operations and look at the linked docs for each responsibility, then each doc is a KeyDoc whose owner should be the responsible person.

Except for On-duty, which has more than one person and is therefore owned by Jeremy.

Federico Melaccio: (11:55 AM)

thanks

David Crooks: (11:57 AM)

(and cool, just checking :-)

Liam Skinner: (11:57 AM)

sorry, loads of people keep coming in with questions, need to leave, bye

Daniela Bauer: (11:58 AM)

I need to leave, I have some students here wrt 'outreach' and as the token woman around here I have to do my duty.

Federico Melaccio: (11:59 AM)

(@david: yeah sorry, I write too fast and I sound rude :-))

Ewan Mac Mahon: (11:59 AM)

FWIW I think the ticket followup is working well and we should mostly or entirely leave it alone.

David Crooks: (11:59 AM)

I agree

Federico Melaccio: (11:59 AM)

definitely good as it is

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

Peter Gronbech: (12:18 PM)

https://www.gridpp.ac.uk/wiki/Category:GridPP_Operations

Ewan Mac Mahon: (12:19 PM)

i think if there's any work to be done here it's to update the list of what we run that counts as a core grid service.

But the actual running of them seems fine.

Peter Gronbech: (12:24 PM)

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

Tom Whyntie: (12:25 PM)

Re. LIGO - as I understand it the bottleneck is the end user's time

All fine as far as we're aware

Matt Doidge: (12:26 PM)

The Sno+ ticket follow up action is solved (O-140303-08)

Ewan Mac Mahon: (12:28 PM)

This is a Fitz Simmonds sort of thing.

Matt Doidge: (12:28 PM)

With their powers combined!

Samuel Cadellin Skipsey: (12:28 PM)

Ewan: this doesn't necessarily improve my mental image.

Ewan Mac Mahon: (12:29 PM)

Without the UST, I'm assuming.

Federico Melaccio: (12:29 PM)

thanks, bye

Tom Whyntie: (12:30 PM)

Thanks, bye

Matt Doidge: (12:30 PM)

Bye all!