

Minutes for Regional Operations Meeting DECH (22nd January 2010)

Attendance:

Andreas Gellrich, Christoph Wissing, Dmitri Ozerov, Yves Kemp (DESY-HH)
Wen Mai (chair), Angela Poschlad, Jie Tao, Torsten Antoni, Dimitri Nilsen, Tobias Koenig (minutes) (FZK)
Kläre Cassirer (SCAI)
Martin Braun, Christian Peter (ITWM)
Simon Nderitu (Uni Bonn)
Ralph Müller-Pfefferkorn (Uni Dresden)
Anuraq Bagaria (Uni Frankfurt)
Natalia Ratnikova (Uni-Karlsruhe)

(CSCS missing)
(DESY-ZN missing)
(GOEGRID missing)
(GSI missing)
(LRZ missing)
(MPI-K missing)
(MPPMU missing)
(PSI missing)
(RWTH-Aachen missing)
(SWITCH missing)
(Uni Dortmund missing)
(Uni Freiburg missing)
(Uni Wuppertal missing)
(Uni Siegen missing)

1. Introduction

Announcement:

Sven Hermann is no longer DECH ROC manager due to other duties. Wen Mei took over the SA1 DECH leadership.

Dear all,

We are closing to the end of EGEE and there are some important actions related to the sites that need to follow up. Here is the action list and current status according to my knowledge, please tell me if I've understood wrong or there is any action important missing:

1. CREAM CE deployment: this was raised in the last SA1 meeting as higher priority action

CREAM CE for SL5 released on 07/01

<https://twiki.cern.ch/twiki/bin/view/LCG/OpsMeetingGliteReleases>

as far as I know only FZK has stable CREAM CE services. from SAM page I have seen also RWTH-Aachen CREAM CE. What's the plan for the other sites (except those sites where there is no CE)?

2. Update glite version: sites please update the new release in time. There is a check of out of date services once a month from this year. See the attachment of Wen's email as the first check.

The parallel operation of different service versions is our NGI-DE requirement that we have to deal with at least during a transition phase. This is little different from the plan requirement and it's in discussion.

3. HEPSP06 benchmark replaces spec Int 2000
Site FZK? LCG2 and DESY have already migrated to HEPSP06. What's the plan for the rest sites?

Reference links and info:

<https://hep.casur.it/processors/dokuwiki/doku.php?id=benchmarks:introduction>

The software is a subset of the standard spec cpu2006 benchmark suite.

<http://www.spec.org/cpu2006>

You can find all the information about the configuration used to run it

Here: <https://twiki.cern.ch/twiki/bin/view/FIOgroup/TsiBenchHEPSP06>

the options are pretty basic and not optimized for any architecture therefore valid as a generic benchmark.

SCAI: Has every site to buy a license? It is not usual that a software is installed that uses a license that has to be paid.

Angela: At following webpages <http://www.gridpp.ac.uk/wiki/HEPSP06> and <https://hep.casur.it/processors/dokuwiki/doku.php?id=benchmarks:results> you can find default values/settings for the most services and machines. You can also ask Angela, Manfred Alef (both from KIT) and the people from DESY, because they implemented the Hep Spec 2006.

4. Check gstat2 storage numbers with sites

Sites please check your storage published number in gstat with your real storage number to see if they are the same.

5. Pilot job discussion/multi-user pilot jobs questionnaire (only for WLCG sites, 25th. January is the deadline)

Got answers from SWITCH, DESY, GSI. We need the feedback from other WLCG sites.

Angela: If glexec not works, do we allow the execution of jobs under the pilot account? Can we really check if they are doing it? Can we get knowledge about this? Angela is not sure if they (the VOs) really do what they are saying.

There was so much pressure to implement this but at our site only Angela was mapped because she tested it with her account. No one else used this mechanism at our site. We are not really happy about this glexec.

DESY (Yves): We also share some of these feelings. We have to believe that the experiments do what they say and we have no ways of controlling this. We have to look more depth in depth into this. We have users which use glexec and we probably think again about our decision and statement to allow pilot glexec jobs.

We also have no possibilities and mechanisms to check when the user switched to prevent our disks before they are running full. So we probably run only in log mode.

This issue shows this is not really good thought of. We privately contacted Maarten Litmaath. Marten answered: "This is one of the issues under point 6 in the wiki. Clean up disks is something we must think of." This is only one detail of glexec but we probably find more when we investigate more and more. I have the impression it is not a good idea to come up with this a short time before the LHC starts.

General statement: In all Grid schools we taught and learned: The CEs are the border between the Grid and the Local world. Now this border moves to the WNs. May be this shift is ok but at least it should be clear that we are designing a complete new grid. It is not acceptable how this change was introduced. We should make this clear.

6. Else?

To make the follow-up management easier we will put this information on our DECH web page. Jie Tao agrees to do it. Thanks a lot.

2. Round the Sites

- **CSCS**

No information received.

- **DESY-HH**

- We investigate on the ongoing discussion about the glexec stuff.
- We still have to figure out how to get the blah parser become running. We will discuss this with Angela.
- The rest runs fine.

- **DESY-ZN**

No information received.

- **FZK**

- We had a successful downtime last week. We updated our production services to the newest gLite versions
- We plan to have a downtime at the first week of February for the ATLAS dCache instance (Migration of the Atlas srm machine to chimera)

- **GoeGrid**

No information received.

- **GSI**

No information received.

- **ITWM**

- Not much to report
- Plan the upgrade of the gLite production system
- Test of storage adapter (for the DPM) that has been released
- All other services runs smoothly

- **LRZ**

No information received.

- **MPI-K**

No information received.

- **MPPMU**

No information received.

- **PSI**

No information received.

- **RWTH-Aachen**

No information received.

- **SCAI**

Last two weeks some problems:

- Broken SE file system. Pool node runs out of space, corrupted data. For a few days the SE was not available.
- Problem with publishing APEL data to the GOC DB. Shifting the cronjob to another time solved this problem. Now it works fine without any problems (timeouts).

Plan to install a Cream CE in the next future.

- **SWITCH**

No information received.

- **Uni Bonn**

- Site has been running fine.
- Currently we install a new Cream CE. It will be in production very soon (in two weeks)
- We plan to migrate to Lustre storage. Internal discussion because of less manpower we are not able to run two storage solutions. There was the decision for Lustre

- **Uni Dortmund**

No information received

- **TU Dresden**

- Everything runs fine
- Next week we increase the WNs 128->256
- Plan to upgrade the WNs to SL5
- We have not thought about the Cream CE installation yet.

- **Uni Frankfurt**

- Running fine
- Next week we check to install a Cream CE.
- Ask for the German GridKa CA support of robot certificates: Our GridKa CA not yet

support robot Certificates. Wen will check if there is the plan to support robot certificates.

- **Uni Freiburg**

No information received

- **Uni Karlsruhe**

Von: Volker Buege [volker.buege@cern.ch]
Gesendet: Freitag, 22. Januar 2010 13:55
An: König, Tobias
Betreff: Statements from UNI-KARLSRUHE

Dear Tobias,

unfortunately, I have to attend another meeting this afternoon and can therefore not be present in the ROC-DECH meeting.
Please find the summary for our site below:

UNI-KARLSRUHE:

We had some SAM tests failing on our DPM SE during the update of the host certificate. Service is now stable again.

Best regards,

Volker

Additional information given by Natalia during the TC:

Not able to get all information about site Uni KA from the SAM test portal. Not the complete SAM test history is visible.

Recommendation:

Follow the Link at the GridKa Monitoring Webpage, the Gridmapview or open a ticket at GGUS. You only need your normal certificate to get the information.

- **Uni Siegen**

No information received

- **Uni Wuppertal**

No information received

3. ROD

- Next week: KIT
- In two weeks: DESY

The shift schedule/rotation plan (WIKI)

<https://twiki.cscs.ch/twiki/bin/view/DECH/RODSchedule>

Problematic tickets: No

Dimitri (KIT) sent around an email about his tests with the Nagios dashboard. The Nagios system not really sent or display alarms correctly. He not received any comments; in consequence he will forward his Email to Helene.

Next week there is a COD meeting in Lyon. From KIT Wen and Dimitri will be there. SCAI (Kläre) and DESY (Dmitri) will not participate.

4. AOB

- **ROC DECH towards NGI (Torsten)**

Answers to the questionnaire sent out by the pole 2 people:

From: Antoni, Torsten
Sent: Friday, January 15, 2010 5:10 PM
To: 'project-eu-egEE-sa1-cod-pole2-proc@cern.ch'
Cc: Mei, Wen; Heiss, Andreas; Marten, Holger
Subject: FW: Questionnaire Federations/ NGI readiness

Dear COD Pole-2,

Please find attached our reply to your questionnaire. We assumed the scope of this questionnaire to be COD-specific therefore we only answered the first questions, as the majority seemed out of scope.

If this assumption was wrong please let us know and we'll happily answer also the rest.

(1) How ready are you for your role in EGI? (Please include also points that are still unclear to you and that need to be addressed.)

(1a) Will you keep the ROC structure in general? If yes list the small adaptations you would like to make.

As written in the EGI-InSPIRE proposal, NGI-DE will be operated by a consortium of the German Gauß-Alliance. This consortium consists of most of the current EGEE-ROC partners plus a few from the German Grid Initiative D-Grid. Technical NGI-DE activities are still subject of detailed planning by the NGI-DE partners, but it is foreseen to keep a kind of the current basic ROC structure.

Adaptation list:

1. Keep current site certification procedure
2. Keep using Dashboard interfaced with Nagios Regional Monitoring, (need to display D-Grid sites on DASHBOARD)
3. Using current EGEE Nagios Regional Monitoring together with D-Grid Nagios Monitoring to implement NGI-DE sites nodes services check and control
4. Keep ROD shift system, need to reorganize teams
5. Keep Regional Help desk + GGUS system + first line support experts to support sites debugging and solving problems.
6. Keep using current downtime broadcast infrastructure
7. Keep following and dealing security activities
8. Keep using DECH meeting as ROC communication channel

(1b) Or will you split into separate NGIs? If yes which ones and who will be the contact persons?

YES ROC DECH will certainly be splitted into NGI-DE and NGI-CH with close collaboration. Detailed organizational structures are still under discussion.

The NGI-DE consortium within the Gauss Allianz should approach the BMBF to negotiate the funding for the national tasks of the NGI-DE.
The international tasks (interfacing NGI-DE with EGI) are partly funded by the EC through EGI, but have to co-funded nationally.

We have currently no final information about EGI from the EC, nevertheless we should start discussing how to run operations of the NGI.

We will summarize the information we currently have and prepare a meeting, to discuss this with all the partners.

- **Site's availability/reliability**

If your site not hit the December's target values for reliability and availability, please send us your explanation why. For some sites the explanation for November is also missing. Please do it.

- **Quarterly report**

Jie Tao opened some tickets for the quarterly report of SCAI, DESY, GSI. In the past your information came too late. Please put attention on the tickets/of the quarterly report.