**Operations Management Board (OMB)**

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| **Meeting:** | Operations Management Board |
| **Date and Time:** | 29 September 2013 |
| **Venue:** | Adobe Connect |
| **Agenda:** | https://indico.egi.eu/indico/conferenceDisplay.py?confId=1394 |

Participants 2

ACTION REVIEWS 4

Introduction Error! Bookmark not defined.

Policy extension for central emergency suspension Error! Bookmark not defined.

Compromised certificate operational procedure Error! Bookmark not defined.

Data management across multiple infrastructures: the VERCE use case Error! Bookmark not defined.

Inter-NGI usage accounting reports Error! Bookmark not defined.

Supporting user communities across EGI and OSG: the WeNMR use case Error! Bookmark not defined.

OSG Update Error! Bookmark not defined.

Availability/Reliability Mini Project Error! Bookmark not defined.

CVMFS - Beyond LHC Computing Error! Bookmark not defined.

# Participants

|  |  |  |  |
| --- | --- | --- | --- |
| Name and Surname | Participated | Organisation | Membership[[1]](#footnote-1) |
| Emrah Akkoyun |  | TUBITAK, NGI\_TR | Deputy Member |
| Luis Alves | YES | CSC/NGI\_FI | Deputy Member |
| Jan Astalos | YES | UI SAV, NGI\_SK | Member |
| Marian Babik |  | CERN | JRA1/SAM |
| Antun Balaz |  | IPB/NGI\_AEGIS | Member |
| Maite Barroso |  | CERN | Member |
| Goncalo Borges |  | LIP/IberGrid | Member |
| David Bouvet |  | CNRS/NGI\_FRANCE | Deputy Member |
| Stephen Burke | YES | EGI.eu | Information Officer |
| Daniele Cesini |  | INFN/NGI\_IT | Deputy Member |
| Keith Chadwick |  | Fermilab | OSG/Security |
| Chun-Chen Chen |  | TWGRID/Asia Pacific | Member |
| Jeremy Coles | YES | rl.ac.uk/NGI\_UK | Member |
| Ian Collier |  | STFC | Invited Participant |
| Linda Cornwall | YES | STFC | SVG Leader |
| Hélène Cordier |  | CNRS/NGI\_FRANCE | Deputy Member |
| Claire Devereux |  | STFC/NGI\_UK | Member |
| Miroslav Dobrucky | YES | NGI\_SK | Deputy Member |
| Helmut Dres |  | KIT | SA1.6/helpdesk |
| Feyza Eryol | YES | TUBITAK/NGI\_TR | Member |
| Tiziana Ferrari | YES | EGI.eu | Chairman |
| Sven Gabriel |  | NIKHEF | EGI CSIRT |
| Luciano Gaido |  | INFN/NGI\_IT | Member |
| John Gordon | YES | STFC | TSA1.5 |
| Guenter Grein |  | KIT | TSA1.6 Leader |
| Nikola Grkic | YES | IPB/NGI\_AEGIS | Deputy Member |
| David Groep |  | FOM | EUGridMPA |
| Nicolai Iliuha |  | RENAM/NGI\_MD | Deputy Member |
| Emir Imamagic | YES | SRCE/NGI\_HR | Member, TSA1.4 |
| Boro Jakimovski |  | NGI\_MK | Member |
| Christos Kanellopouls |  | GRNET | Mini Project Leader |
| Dave Kelsey | YES | STFC | TSA1.2 Leader |
| Paschalis Korosoglou | YES | AUTH | TSA1.8 Leader |
| Kostas Koumantaros | YES | GRNET/NGI\_GREECE | Member |
| Daniel Kouril |  | CESNET | TSA1.2/monitoring |
| Malgorzata Krakowian | YES | EGI.eu | TSA1.3 int Leader |
| Alexander Kryukov |  | E-ARENA, ROC Russia | Member |
| Cyril L’Orphelin | YES | CCIN2P3 | JRA1/NGI\_FRANCE rep |
| Maarten Litmaath |  | CERN/WLCG | Member |
| Gilles Mathieu | YES | IN2P3/NGI\_FRANCE | Member |
| Ludek Matyska |  | CESNET/NGI\_CZ | Member |
| David Meredith | YES | STFC | JRA1/GOCDB |
| Dimitri Nilsen | YES | KIT/NGI\_DE | Member |
| Mats Nylen | YES | NGI\_SE | Member |
| Dulav Oleg |  | KIT | TSA1.6/GGUS |
| Stuart Pullinger | YES | STFC | TSA1.5 |
| Alessandro Paolini |  | INFN/NGI\_IT | Member/TSA1.7 sw supp |
| Joao Pina | YES | LIP | Member, TSA1.3 |
| Ernst Pijper |  | SurfSARA/NGI\_NL | Deputy Member |
| Bozidar Proevski |  | NGI\_MK | Deputy Member |
| Rob Quick |  | OSG Operations | Invited Participant |
| Di Qing |  | TRIUMF/ROC\_Canada | Member |
| Marcin Radecki | YES | CYFRONET/NGI\_PL | Member, TSA1.7 |
| Miroslav Ruda |  | CESNET/NGI\_CZ | Member |
| Serge Salamanka |  | UIIP NASB/NGI\_BY | Member |
| Renato Santana |  | CBPF/Latin America | Member |
| Diego Scardaci |  | INFN | JRA1 Act Manager |
| Gianfranco Sciacca |  | SWITCH/NGI\_CH | Deputy Member |
| Alvaro Simon |  | CESGA | VP MPI |
| Mihajlo Savic |  | Uni. B. Luka/NGI\_BA | Member |
| Vladimir Slavnic |  | IPB/NGI\_AEGIS (Serbia) | Deputy Member |
| Peter Solagna | YES | EGI.eu | SA2 Activity Manager |
| Zdenek Sustr |  | CESNET/NGI\_CZ | TSA1.7 sw support |
| Magda Szopa |  | CYFRONET | TSA1.7/COD |
| Tadeusz Szymocha |  | CYFRONET | TSA1.7 COD |
| Jura Tarus |  | CSC/NGI\_FI | Member |
| Onur Temizsoylu |  | TUBITAK/NGI\_TR | Deputy Member |
| Ulf Tigerstedt | YES | CSC/NGI\_NDGF | Member |
| Ron Trompert |  | SURFsara/NGI\_NL | Member, TSA1.7 |
| Tomasz Szepieniec |  | CYFRONET | Mini Project Leader |
| Paolo Veronesi |  | INFN/NGI\_IT | Member |
| Luuk Uljee |  | SURFsara NGI\_NL | Deputy Member, TSA1.7 |
| Alessandro Usai | YES | SWITCH/NGI\_CH | Member |
| Anders Waananen | YES | UCPH/Denmark | Member |
| Pavel Weber | YES | KIT/NGI\_DE | Deputy Member |
| Pavlos Daoglou | YES | NGI\_GRNET | Invited Participant |
| Benjamin Levy | YES | NGI\_France | Deputy member |
| John Kewley | YES | NGI UK | Deputy member |
| John Walsh | YES | TCD | Invited Participant |
| Maria Alandes | YES | CERN | Invited Participant |

# ACTION REVIEWS

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Action Owner** | | | **Content** | | | | | | **Status** |
| **Actions from the 27 September OMB meeting** | | | | | | | | | | |
| **35/01** | | P.Solagna | | | | Create wiki structure to host the contributions submitted by the site managers about Puppet and other configuration management tools | | | NEW | |
| **35/02** | | E.Imamagic, COD | | | | Once the new probes are marked as ‘operations’ COD should contact ROD teams and provide information about the probes with update names. And how to handle the issues. | | | NEW | |
| **35/03** | | NGIs | | | | Provide comments on the service management policy ([**Link to Document DB**](https://documents.egi.eu/public/ShowDocument?docid=1895)) by the next OMB | | | NEW | |
| **35/04** | | NGIs | | | | Review the operational tools and identify requirements to be included in the JRA1 technical plans for the last part of the project. | | | NEW | |
| **35/05** | | NGIs | | | | Discuss and report any requirement for the SAM tool (e.g. SL6 support). | | | NEW | |
| **35/06** | | EGI.eu | | | | Test new features and changes in GOCDBv5 | | | NEW | |
| **35/07** | | E/Imamagic, C. Lorphelin | | | | Discuss the extension needed in the operations portal to allow the closure of tickets associated to a WARNING probe. To enable GLUE validation probe. | | | NEW | |
| **35/08** | | GPGPU WG | | | | Start the WG activities, propose a catch-all VO for the testing phase. | | | NEW | |
| **36/09** | | NGIs | | | | Answer to the doodle for a pre-OMB meeting in October | | | NEW | |
| **Actions from the 27 August 2013 OMB meeting** | | | | | | | | | | |
| **34/01** | | | NGIs | | To contact the OMB or operations at egi.eu to submit an expression of interest to coordinate IPv6 testing. Deadline: Fri Sep 20 🡪 No expressions of interest received | | | CLOSED | | |
| **34/02** | | | NGIs | | To submit an expression of interest in contributing resources to the EGI pool. Deadline: Fri 13 September 🡪 Deadline postponed to 30-09-2013. Call opened. | | | CLOSED | | |
| **34/03** | | | T. Ferrari | | To provide an application form that NGIs can use when submitting an expression of interest for contributing resources to the EGI pool 🡪 Form made available | | | CLOSED | | |
| **34/04** | | | T. Ferrari | | Contact D. Groep/EUGridPMA to request EUGridPMA to reschedule the default issuing of SHA-2 certificates to 01 December | | | CLOSED | | |
| **34/05** | | | M. Krakowian | | To provide summary tables on wiki about which NGIs are interested in providing/consuming operations services 🡪 Wiki page: https://wiki.egi.eu/wiki/Federation\_of\_NGI\_services | | | CLOSED | | |
| **34/06** | | | S. Pullinger | | To contact the OMB for feedback about storage accounting views provided by the accounting portal 🡪 waiting for JRA1 input | | | ON HOLD | | |
| **34/07** | | | P. Solagna | | To collect information about StAR readiness of StoRM 🡪 StoRM is not supporting StaR accounting to date (Sep 2013) | | | CLOSED | | |
| **34/08** | | | M. Krakowian/S. Burke | | To write a howto document for sites that deploy unicore, arc, wcg and globus on how to publish GLUE information (in 1 middleware or mixed middleware configuration) 🡪 developers contacted at TF13 | | | IN PROGRESS | | |
| **34/09** | | | T. Ferrari | | Discuss the monitoring of publishing of GLUE information as part of the midmon testing activities | | | OPEN | | |
| **34/10** | | | NGIs | | To register NGI ARGUS instances in GOCDB 🡪 request submitted | | | CLOSED | | |
| **34/11** | | | T. Ferrari | | To discuss the provisioning of a catch-all NGI ARGUS instance for small NGIs 🡪 catch all ARGUS available | | | CLOSED | | |
| **34/12** | | | T. Ferrari | | Follow up on issue related to the missing results in the ROC\_OPERATORS profile 🡪 NGIs requested to open tickets to sites | | | CLOSED | | |
| **34/12** | | | NGIs | | To check that all site services support the OPS VO 🡪 NGIs requested to open tickets to sites | | | CLOSED | | |
| **Actions from the 16 July 2013 OMB meeting** | | | | | | | | | | |
| **33/06** | | | L. Cornwall | | To identify a security policy to define VO security contact response time (4 h) 🡪 under discussion by EGI CSRIT 🡪 Document provided by EGI CSIRT: <https://documents.egi.eu/secure/ShowDocument?docid=1920>  Requirements:  <https://rt.egi.eu/rt/Ticket/Display.html?id=6106>  <https://rt.egi.eu/rt/Ticket/Display.html?id=6107>  <https://rt.egi.eu/rt/Ticket/Display.html?id=6108> | | | CLOSED | | |
| **33/07** | | | L. Cornwall | | To submit a requirement to the Operations Portal for modification of the VO ID Card 🡪 document being discussed by EGI CSIRT 🡪 see above requirements | | | CLOSED | | |
| **Actions from the 28 May 2013 OMB meeting** | | | | | | | | | | |
| **31/03** | | | S. Gabriel/EGI CSIRT | | To finalize a deployment plan of ARGUS for ARGUS-based NGIs aiming to the enforcement of the central emergency user suspension procedure 🡪 Update at the July OMB 🡪 New update provided at the August OMB | | | IN PROGRESS | | |
| **31/08** | | | D. Scardaci | | To assess the impact of end of support of emi-nagios within JRA1 and discuss a mitigation plan 🡪 SAM project will not be supported after 2014. | | | CLOSED | | |
| **Actions from the 12 April 2013 OMB meeting** | | | | | | | | | | |
| **30/03** | | | T. Ferrari | | To discuss the usage of long proxy certificates with the user communities with the UCB | | | OPEN | | |
| **Actions from the 26 February 2013 OMB meeting** | | | | | | | | | | |
| **28/05** | | | T. Ferrari | | | | To contact NGIs hosting a NGI accounting DB to propose a plan for enforcement of the personal data retention policy at an NGI level | IN PROGRESS | | |
| **28/06** | | | T. Ferrari | | | | To assess the need of GGUS support to security operations activities, the use cases and the requirements that may emerge from the assessment 🡪 Being discussed with CSIRT, an update is expected in May 2013 🡪 June 2013: EGI CSIRT will provide a requirement document | IN PROGRESS | | |
| **Actions from the 18 December 2012 OMB meeting** | | | | | | | | | | |
| **27.06** | | | G. Borges | | To open a RT requirement for the operations portal to request the differentiation in the operations dashboard of alarms generated by probes for mw version monitoring from other plain alarms | | | OPEN | | |
| **Actions from the 26 March 2012 OMB meeting** | | | | | | | | | | |
| **20.03** | E. Imamagic | | | | to assess the availability of storage occupation tests in Nagios 🡪 EMI probes have still to be included into SAM, a dependency on the gLite 3.2 UI and DAG is currently delaying this integration. Action on hold until migration to EPEL will be complete. 🡪 request submitted to the SAM Nagios working group (https://rt.egi.eu/guest/Ticket/Display.html?id=5622) | | | IN PROGRESS | | |
| **Actions from the 24 January 2012 OMB meeting** | | | | | | | | | | |
| **18.04** | E. Imamagic | | | | To assess deployment of NGI SAM failover configuration (<https://rt.egi.eu/rt/Ticket/Display.html?id=3457>) 🡪 waiting to have the operations tools SAM in production at CERN 🡪 action can move to in progress now that a SAM tool for monitoring of NGI SAM installations is available 🡪 at the May OMB the running of NGI SAM tests as OPERATIONS test will be discussed. By running monitoring as OPERATIONS tests SAM performance issues will be detected. | | | IN PROGRESS | | |
| **18.05** | E. Imamagic | | | | To distribute documentation on how to trouble shoot the message broker network (<https://rt.egi.eu/rt/Ticket/Display.html?id=3459>) 🡪 IN PROGRESS. Waiting to see the status of the next May SAM update. 19/06: SAM update released to end of June. | | | IN PROGRESS | | |
| Note: Actions from previous meetings are closed. | | | | | | | | | | |

# DTEAM VO registration migration

Paschalis Korosoglou (GRNET), Pavlos Daoglou (GRNET)

Paschalis reported on the status of migration of the dteam VO services to VOMS Admin. The migration started on November 2012 and it is going to conclude on the week after this OMB meeting. The missing steps that will be completed in the coming days are the configuration of the groups, the ACL per group manager, the second instance (currently offline), the wiki documentation and the notification of any change in the registration procedure to the group managers.

At the beginning of the week after the OMB, when the actions above are completed, the service will be fully operational.

Once the second instance is online sites will be notified to upgrade their configurations.

Once the documentation on the wiki is updated the group managers will be notified.

There will be no impact at any point for operations.

# FOR APPROVAL: EGI CSIRT Operational Procedure for Compromised Certificates and Central Security Emergency suspension

Linda Cornwall (STFC)

Linda reported on the latest version of the proposed operational procedure for compromised certificates. The procedure has been presented at the previous OMB meetings and edited multiple times to implement the OMB’s comments. The content did not change too much, in this latest version, but it has been restructured in new sections for compromised user certificates, host certificates and CA. Emergency suspension has a dedicated section, certificate suspension is separate from certificate revocation and allows to quickly suspend a certificate, and re-enable it after the investigation.

The document has been well iterated among OMB members, it is now in a more clear form, and it is simpler than before. It is unlikely it could be improved further without testing it in a real life situation.

No NGIs objected the approval of the procedure.

**Decision: OMB approved the procedure.**

# EGI PUPPET community: next steps

Peter Solagna (EGI.EU)

Peter reported on the latest activities around the creation of a puppet community for EGI. The survey run at the beginning of the year says that 18 out of 97 sites (the sites who answered the survey) are deploying puppet, more sites were considering – at the moment of the survey – to deploy puppet.

The proposal is to create an aggregation point for information regarding the puppet tool, a wiki page, and provide similar structures for other configuration management tools. CFengine and Ansible are the other suggested tools.

HEPIX has a working group on puppet, focused on EMI products, sites already contributing to this activity do not need to duplicate information. The EGI page will link also to the HEPIX page, Peter Solagna is currently in contact with the HEPIX group leaders to coordinate the two efforts.

**Action on Peter Solagna:** Create the wiki structure to host the contributions from the site managers about their work on Puppet or other configuration management tools.

# SAM Update 22 release and upgrade plan

Emir Imamagic (SRCE)

Emir reported on the status of SAM-22.

The testing phase of SAM-22 release has ended recently, receiving specific feedback on ARC probes and the installation process. It has been also tested by WLCG tools with success. The staged rollout in production is expected to start on October 1st.

Some tests have changed name[[2]](#footnote-2), being replaced by the probes provided by the product teams and renamed. The NGIs running previous versions of SAM will run old probes, the new probes will have status MISSING in MyEGI, but this is not affecting the availability/reliability reporting, or the availability status of the services on MyEGI. The new tests will be added to operational once the SR begins, for the NGIs who upgrade SAM the alarms related to old tests in the operations dashboard will remain on, since the old probe will not be run anymore. ROD teams will have to close alarms manually.

**Action on Emir and COD:** Once the probes are set operations, COD should contact ROD teams and provide information about the probes with update names.

# Adopting service management best practices for EGI services

Malgorzata Krakowian (EGI.EU)

EGI.eu within FedSM project is working on improving service management in federated e-infrastructure (EGI Infrastructure). The goal is to implement structured processes for the improvement of service delivery to its customers (Resource Providers and researchers). The key focus is on the Federated Operations services that are provided to NGIs. The processes on which EGI.eu is working was presented and briefly described. The creation of the EGI.eu Service Management Policy ([**Link to Doc DB**](https://documents.egi.eu/public/ShowDocument?docid=1895)**)** is part of the general requirements identified by FedSM project,which was presented to OMB members. OMB as a policy body representing NGIs was asked for approval. Policy was already endorsed by Project Director, Steven Newhouse.

**Action on all NGIs:** Provide comments to Operations team.

**Decision:** If no comments provided, the policy will be approved on next OMB meeting in a month time.

# Status of operations, next steps

Tiziana Ferrari (EGI.EU)

Tiziana reported an update no the main relevant Operations topics of the last month.

EC reviewers recommended a project extension to cover the gap with the next series of EC funded projects. The final agreement on the extension will require the finalization of a new DoW for the extension months. Not all the EGI-InSPIRE tasks will continue during the extension, for example JRA1 will end with April 2014.

**Action on all the NGIs**: review internally the operational tools and discuss the requirements to be submitted to JRA1 and possibly included in their technical plan from now to April 2014.

Handover from Steven Newhouse to Tiziana Ferrari as EGI-InSPIRE project director starting from October. An interim Chief Operations Officer will be appointed, Peter Solagna will chair the future OMB meetings.

South Africa operations centre has been certified during September. The SA sites will be moved to production in GOCDB. The next step is to define a new MoU to evolve the SA operations centre into a federated Africa-asia OC.

XSEDE discussions during TF13 to support CompChem and WeNMR, integrating operations where needed.

The Desktop Grid infrastructure will evolve (likely) into an independent OC in GOCDB.

Since there have been no expressions of interest to support IPv6 testing, the activity will be stopped. SA2 will add some checks to the current software provisioning activities. Peter Solagna will keep contacts with David Kelsey in order to coordinate with HEPIX and the IPv6 activities that are being done in the IPv6 working group.

The survey for the resource pool allocation is currently on going on [survey monkey](https://www.surveymonkey.com/s/2GPHMTK). There are different options for the level of guarantees, including opportunistic offer.

Global tasks bidding. CERN did not participate to the bid, SAM will be run by a new consortium GRNET, CNRS, SRCE. The start of the migration is currently discussed, and it is expected for January 2014. The product is considered to be stable after update 22.

**Action on all NGIs:** discuss and report possible pending requirements, such as porting to SL6.

The 2nd level of support bids did not cover all the products in UMD. To complete the coverage two options are currently evaluated: re-open the bidding process for the specific services, or a consortium between CESNET and IBERGRID for the support of the missing products.

The current SHA-2 migration is proceeding fairly ok, the services in a more critical status are the SEs, particularly dCache and StoRM. The current calendar proposed by EUGRIDPMA is to start releasing as default SHA-2 certificates from December 1st 2013.

Non SHA-2 compliant services to be retired before the end of November 2013, starting from December 1st sites will be asked to open a downtime for the services not ready for SHA-2. No NGIs objected to the proposed timeline.

First full-cloud site certified during September 2013. The process of certification produced a dedicated procedure (PROC18) for registration and certification. The target is to merge the new procedure with the existing certification procedure for grid sites.

**Important**, sites deploying production cloud services into production should contact CSIRT to make sure that the information are properly propagated between sites and security team.

Bug affecting Top-BDII: There is a bug that affects top-BDII due to the ldap info provider for both GLUE 1 and GLUE 2 publishing. This bug may or may not affect top BDIIs, depending on how well the hosting environment is performing. . Please consult release [notes](https://wiki.egi.eu/wiki/UMD-3:UMD-3.2.0#emi.bdii-top.sl5.x86_64), for more details and the BUG and the workaround. Sites have been already notified about the problem and the workaround with a broadcast, and specific tickets has been opened VS sites deploying Top-BDII apparently affected by the issue.

GOCDBv5 release is expected to be released in production on October 02 2013, [release notes](https://wiki.egi.eu/wiki/GOCDB/Release4/Development/v5) are available and it can be tested using a [test instance](https://gocdb-test.esc.rl.ac.uk/v5).

**Action on EGI.eu:** to test the new features and changes in GOCDB5.

EGI is organizing a workshop at the end of November (tentative dates 26-27-28 Nov) to drive the innovation activities within EGI, the user communities and other infrastructures, in preparation to the H2020 call. The plan is to organise a workshop with NGIs, Sites, User Communities and Technology providers.

During October there will be two phone meetings for the NGIs, dedicated to the preparation of the workshop, the OMB at the end of October (with an agenda at least partially devoted to the workshop), and a pre-OMB meeting around the middle of October. Peter Solagna will circulate a doodle to fix the pre-OMB meeting date.

NGIs should contribute to these meetings with a set of slides reporting their plans for:

* New services and types of resource (HPC, GPGPU, ..)?
* New user communities and virtual research environments?
* Increased capacity and capabilities?
  + Resource pay per use, federated cloud, storage offering for persistent data, EUDAT/PRACE integration, etc.
* NGI centre of excellence? Application porting, user support, training, technology consultancy

# Operations of GLUE2 validation

Tiziana Ferrari (EGI.EU)

Tiziana reported about the validation of the GLUE2 information published by sites and a migration plan from GLUE1 to GLUE2 as reference information model of EGI.

The GLUE-validator has been tested in the last months by Maria Alandes Pradillo, currently it is run by the midmon Nagios instance. The proposal is to move the probe to production during November 2013 (tentative date is November 13).

Emir reported that many site (order of 190) have a WARNING as a result of the probe, therefore many sites with CRITICAL errors in the GLUE-validator will go from CRITICAL to WARNING as the main problem is fixed. Currently tickets cannot be closed if the probe is not OK, this may cause a lot of overhead to ROD teams. There may be need to re-implement the operations logic to allow the closure of tickets associated with a WARNING.

**Action on Emir:** Discuss with Cyril an extension of the operations portal to allow the closure of tickets associated to WARNING and OK.

For the migration to GLUE2 the proposal is to start a testing campaign of the GLUE consuming services (e.g. WMS) in the last quarter of 2013 and in the first of 2014.

If not blocking issues are found official support for GLUE1 can be retired starting from May 2014. This will not prevent services to publish GLUE1, but it will not be considered supported in terms, for example, of helpdesk or requirements for improvement.

The current known issue is that not all the operational tools are consuming GLUE2 (e.g. GSTAT).

# GPGPU working group

John Walsh (TCD), Mr. Miroslav Ruda (Cesnet)

John Walsh reported on the GPGPU working group plans and activities, which is a follow on from the GPGPU virtual team.

The WG will focus on six main topics for the GPU integration: glue schema, batch system integration, service discovery, testing and monitoring, accounting, and GOCDB integration.

Currently there are resource centres from Czech Republic, France, Poland, Spain, UK and Ukraine interested in the activity, and TCD (Ireland) will provide a testbed.

The WG should also decide which VO can be used as a catch-all for the testing, if there are communities interested their VO can be enabled on the GPGPU resources.

**Action on the GPGPU WG:** start the activities and take a decision on the catch-all VO to use.

# AOB

Next meeting: 24th of October 2013.

Pre OMB meeting in preparation for the workshop in the middle of October.

1. Member, Observer, in Attendance [↑](#footnote-ref-1)
2. Information about the renamed probes available here: <http://cern.ch/go/8BF8> [↑](#footnote-ref-2)