**Operations Management Board (OMB)**

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| **Meeting:** | Operations Management Board |
| **Date and Time:** | 24 January 2012  |
| **Venue:** | Face to face meeting, Amsterdam, NL |
| **Agenda:** | https://www.egi.eu/indico/conferenceDisplay.py?confId=618 |

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# Participants

|  |  |  |  |
| --- | --- | --- | --- |
| Name and Surname | Abbr. | Organisation | Membership[[1]](#footnote-1) |
| Bruce Backer |  | SAGrid | Member |
| Goncalo Borges |  | LIP | Member |
| Riccardo Brunetti |  | INFN/NGI\_IT | Deputy Member |
| Mario David  |  | LIP, Ibergrid | Member, TSA1.3 |
| Claire Devereux |  | STFC, UKI | Member |
| Miroslav Dobrucky |  | NGI\_SK | Deputy Member |
| Feyza Eryol |  | TUBITAK, NGI\_TR | Member |
| George Fergadis |  | AUTH | TSA1.8 |
| Tiziana Ferrari  |  | EGI.eu | Chairman |
| Vera Hansper  |  | CSC/NDGF, NGI\_NDGF | Member, TSA1.8 |
| Emir Imamagic |  | SRCE, NGI\_HR | Member, TSA1.4 |
| Boro Jakimovski |  | MARGI, FYR Macedonia | Member |
| Christos Kanellopoulos |  | AUTH/GRNET | TSA1.8 Leadern |
| Alexander Kryukov |  | E-ARENA, ROC Russia | Member |
| Kostas Koumantaros  |  | GRNET | Member |
| Simon Leinen |  | SWITCH, NGI\_CH | Member |
| David Meredith |  | STFC, JRA1 | JRA1, GOCDB |
| Dimitri Nilsen |  | NGI\_DE | Member |
| Cyril L’Orphelin |  | CCIN2P3 | JRA1 |
| Mats Nylen |  | NGI\_SE | Member |
| Serge Salamanka |  | UIIP NASB, NGI\_BY | Member |
| Alvaro Simon |  | CESGA | Invited participant, VT MPI |
| Peter Solagna |  | EGI.eu | Minutes |
| Zdenek Sustr |  | CESNET | Invited participant, VT MPI |
| Ron Trompert |  | SARA, NGI\_NL | Member, TSA1.7 |
| Alessandro Usai |  | SWITCH/NGI\_CH | Deputy Member |
| Paolo Veronesi |  | INFN, NGI\_IT | Member |
| John Walsh |  | TCD | Member |
| Anders Waananen |  | UCPH, Denmark | Member |
| Pavel Weber |  | KIT/NGI\_DE | Member |
| Todd Wu |  | TWGRID, AP ROC | Member |
|  |  |  |  |
|  |  |  |  |

Some participants were connected through phone bridges.

# ACTION REVIEWS

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| --- | --- | --- | --- |
|  | **Action Owner** | **Content** | **Status** |
|  |
|  |  |  |  |
| **Actions from the 28 February 2012 OMB meeting** |
| **19.01** | All NGIs | To send expression of interest in EMI training by 30 March | OPEN |
| **19.02** | T. Ferrari | To check the site decommissioning procedure and see conditions to turn a site into CLOSED and implications on the RC-OLA 🡪 CLOSED. A site is turned into CLOSED only after a grace period of 90 days for log preservation. | CLOSED |
| **19.03** | T. Ferrari | To revise the termination clause in the RC OLA | OPEN |
| **19.04** | A. Usai | To propose a revised version of the intellectual property statement that clarifies its applicability | CLOSED |
| **19.05** | T. Ferrari | To circulate a revised version of the RC OLA and RP OLA | OPEN |
| **19.06** | T. Ferrari | To report problems of MAUI version distributed with EMI 1 software that compromises MPI functionality | IN PROGRESS |
| **19.07** | T. Ferrari/M. David | To prepare a survey on Platform, software and VM deployment plans 🡪 <https://wiki.egi.eu/wiki/EGI_Operations_Surveys#Platform.2C_software_and_VM_deployment_plans> | CLOSED |
| **19.08** | T. Ferrari | To prepare a survey on Usage and future maintenance of deployed software 🡪 <https://wiki.egi.eu/wiki/EGI_Operations_Surveys#Usage_and_future_maintenance_of_deployed_software> | CLOSED |
| **Actions from the 24 January 2012 OMB meeting** |
| **18.01** | T. Ferrari/M. David | To collect information from EMI about which products will be released by Debian by EMI 🡪 EMI release manager contacted on the 20th of Feb. Tasks are being tracked by EMI at<https://savannah.cern.ch/search/?type_of_search=task&words=debian&only_group_id=734&offset=1&max_rows=25#results>06/03/2012: this is information is still not available within the EMI project. In the meanwhile, a survey will distributed to NGIs to collect information about the platforms/software of interest | CLOSED |
| **18.02** | M. David | In order to distribute EA resources evenly, to provide statistics for the 1 year of EMI and IGE to assess the products which are released more frequently (<https://rt.egi.eu/rt/Ticket/Display.html?id=3458>) 🡪 see summary of statistics at:<https://rt.egi.eu/rt/Ticket/Attachment/133726/47981/Presentation1.pdf> | CLOSED |
| **18.03** | L. Cornwall | To communicate SVG assessment plans for 2012 to the OMB 🡪 CREAM, WMS are the components that will be assessed in 2012 | CLOSED |
| **18.04** | E. Imamagic | To assess deployment of NGI SAM failover configuration (<https://rt.egi.eu/rt/Ticket/Display.html?id=3457>) | OPEN |
| **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>) | OPEN |
| **18.06** | K. Kanellopoulos | To provide an overview page with all catch all services provided (<https://rt.egi.eu/rt/Ticket/Display.html?id=3460>) | IN PROGRESS |
| **Actions from the 20 December OMB meeting** |
| **17.04** | T. Ferrari/P. Solagna | To contact NGIs who are in favour of changing their GOCDB configuration of critical services and implement changes during Jan/Feb and to support the other NGIs in computing their A/R statistics by extracting data from the SAM PI | IN PROGRESS |
| **17.05** | T. Ferrari | To review the naming scheme of EGI profiles when POEM will be in production 🡪 this action will be completed after the first release of POEM | ON HOLD |
| **17.07** | COD | To reassess the UNKNOWN test percentage in March 2012  | ON HOLD |
| **Actions from the 28 November OMB meeting** |
| **16.02** | M. Ma | To consult with technology providers and VOs with the aim of updating the EGEE notice about maximum proxy lifetime. | IN PROGRESS |
| **Actions from the 19 September OMB meeting** |
| **14.03** | M. Ma | To assess the current communication channels EGI 🡨🡪 OSG in case of incidents and critical vulnerabilities involving both parties. 🡪 A workflow is needed to share security tickets and discussion is needed to find a ticketing system that satisfy EGI CSIRT and OSG requirements. 🡪 20/12/2011: discussion with OSG at the Jan 2012 OMB 🡪 OSG participation to the OMB was postponed to March. 🡪 06/03/2012: summary of e-mail discussion: communication is ok  | CLOSED |
| **Actions from the 21 June OMB meeting** |
| **12.09** | T. Ferrari | To assign wiki documents ready for revision to the respective reviewers | OPEN |
| **Actions from Oct 2010 OMB meeting** |
| **Action 3.** | TF | to update as necessary the procedure to retire middleware components (<https://edms.cern.ch/document/985325>). <https://rt.egi.eu/rt/Ticket/Display.html?id=347>  | OPEN |
| Note: Actions from previous meetings are closed. |

# Introduction

Tiziana Ferrari/EGI.eu

EMI (ARC/dCache/gLite/UNICORE) keen on providing training and ad-hoc consultancy to: Administrators/NGIs, developers of user-facing software and portal developers. Travel costs of trainers funded by EMI + coffee breaks can be funded by EMI.

Training can be delivered to EGI regions, i.e. groups of NGIs. This is a good opportunity for new NGIs. In case of interest contact T. Ferrari/P. Solagna. Deadline is Fri 30 March.

An accounting task force was set-up and had the first meeting. Please see material linked to the slides to have an update on EMI, IGE and UNICORE development plans.

# For approval: Update of RC OLA and RP OLA

T. Ferrari presents the changes proposed to the RC OLA and RP OLA.

* One of the changes proposed concerns the applicability of the RC OLA, that with the exception of a few sections, is proposed to be now applicable to all CERTIFIED/UNCERTIFIED/SUSPENDED sites (v1.0 claims the RC OLA is only applicable to CERTIFIED site). The OMB agrees that in order to obey to the service operations policy, the applicability of the RC OLA has to be extended. G. Borges: shouldn’t CLOSED sites be bound by the OLA as well**? Action (T. Ferrari) to check the site decommissioning procedure and see conditions to turn a site into CLOSED.** Follow-up of action: the new procedure for certification of a Resource Centre (<https://wiki.egi.eu/wiki/PROC11>) requests that the site stays suspended for 90 days (in order to keep the logs available if needed, honoring the service operations policy). For this reason, Resource Centres don’t get into CLOSED status before the 90 days for preserving logs are expired. So, it is ok to restrict the RC OLA applicability to CERTIFIED/UNCERTIFIED/SUSPENDED sites only.
* A termination clause was added to explain how a RC can terminate the OLA. In the proposed new version, termination is implemented by switching the site to status CLOSED. A. Usai: it would be good if a site should not be forced to move to a CLOSED status (which is terminal), so that it can be re-integrated back into production is service targets can be respected afterwards. **Action (T. Ferrari) to revise the termination clause of the RC OLA**.
* Intellectual property. This requirement is taken from the service operations security policy (<https://documents.egi.eu/document/669>) with the agreement at the SPG it will be removed in the next version of the policy. A. Usai. Is the intellectual property statement binding service providers or users/VOs? T. Ferrari: service providers. Action (A. Usai). To propose a revised version of the intellectual property statement that clarifies its applicability

**Decision. The OMB approves all changes to the RP OLA and RC OLA with the exception of the termination clause and intellectual property clause. Action (T. Ferrari) to provide a revised version of both documents**.

# EGI.eu central tools service availability

C. Kanellopoulos/AUTH. The availability of central EGI.eu tools that are under central Nagios monitoring is presented. Data were extracted for individual tool instances from the Nagios tests that are centrally run. Even if summarized data is not available for services with multiple instances in load balancing, results provide some indication about possible service targets to be included in the future EGI.eu OLA.

Results are encouraging even if the current list of probes needs to be extended and the capabilities of the probes enhanced. These actions are already part of the SAM and EGI-InSPIRE JRA1 roadmap.

**DECISION. The OMB agrees that the minimum availability to be provided by services that are end-user facing and/or supporting daily operations should be 99%. Examples of these services are GGUS, GOCDB, SAM, Operations Portal, message brokers.** The exact service targets to be specified in the EGI.eu OLA will be defined after having assessed the tools running under the monitoring of the new central SAM.

# For approval. Service decommissioning procedure and Resource Centre Decommissioning procedure

P. Solagna/EGI.eu presents the procedure for decommissioning a production Resource Centre. This procedure was decomposed into two individual procedures: decommissioning of a service end-point and decommissioning of a Resource Centre (which is undertaken after all service end-points have been decommissioned).

The Resource Centre decommissioning procedure is not applicable to virtual sites (not yet supported in GOCDB but foreseen as future development), as the virtual site is a grouping of end-points, not a physical GOCDB site. For example, in order to register a end-point service downtime, the administrator has to go to the GOCDB site hosting the end-point.

**DECISION. The OMB approves the Resource Centre Decommissioning Procedure (PROC 11) and the Production Service Decommissioning procedure (PROC 12)**.

# For approval. New GOCDB roles and transition

P. Solagna/EGI.eu and D. Meredith/STFC

P. Solagna summarized the changes proposed in the GOCDB roles (the changes were already extensively presented in the January meeting, the proposal hasn’t changed since then). T. Ferrari explains the difference in responsibilities between the security officer and the Site Operations Manager. The former is responsible of the operational security of the site, the latter is responsible of accepting EGI security policies and procedures (and more generally, all EGI policies and procedures) and of ensuring these are enforced at the site. If for a given NGI (like NGI\_FR) the security officer also holds the responsibility of accepting policies/procedures, then the same individual can subscribe to both roles in GOCDB.

The new roles introduced in the proposal are: Site Operations Deputy Manager, Site Operations Manager (corresponding to the current Site Administrator role), Regional First Line Support.

D. Meredith discusses how the transition from the current roles to the new ones can be implemented. Existing roles will be automatically mapped into the new corresponding ones, in this way all capabilities currently owned by GOCDB users won’t be modified in the transition, with the only exception of Regional Staff, who won’t be able to approve new roles at regional level or add new sites (the NGI operations manager holds this responsibility instead). No changes in GOCDB roles are needed by the NGIs and sites that are not interested in using the new roles introduced in the proposal.

The operations portal will manage both type of roles (existing ones and new ones) for a while in order to ensure a smooth transition.

**DECISION. The OMB approves the new GOCDB role proposal, which will come into force on 01 April**.

All NGIs are requested to inform site managers about the changes.

# Update from MPI VT

Simon/FCTSG presents the status of works of the MPI Virtual Team. Discussion focuses on the need of a persistent MPI service type in GOCDB (vs the capability published into the information system) in order to run probes and to make sure these results are included in availability/reliability computations.

Two bugs were found during the first UMD verification of

1. WN/Torque + EMI-MPI.1.0. Is a torque/maui problem that affects all MPI jobs. Maui versions
2. prior to 3.3.4 do not allocate correctly all the nodes for the job execution. GGUS tickets: <https://ggus.eu/ws/ticket_info.php?ticket=57828>, <https://ggus.eu/ws/ticket_info.php?ticket=67870> <https://ggus.eu/ws/ticket_info.php?ticket=77778>

Maui versions prior to 3.3.4 do not allocate correctly multiprocessor jobs. EMI will provide the new version for EMI2, for EMI1 the new MAUI version in not available yet (in production):

http://emisoft.web.cern.ch/emisoft/dist/EMI/1/sl5/x86\_64/third-party/

But it's available for EMI1 testing

http://emisoft.web.cern.ch/emisoft/dist/EMI/testing/1/sl5/

(so could be included in one of the next EMI1 releases)

The new maui version is available for the EMI2 RC:

http://emisoft.web.cern.ch/emisoft/dist/EMI/2/RC3/sl5/x86\_64/third-party/

**Action (T. Ferrari) to report the issue at the TCB for discussion**.

The OMB will be periodically updated about progress of works.

# Status of deployed middleware and gLite 3.1 de-commissioning proposal

T. Ferrari and P. Solagna/EGI.eu

P. Solagna presents the status of deployment of gLite 3.2 software vs EMI 1 (slides). The xls file attached to the agenda presents the distribution per NGI, so all NGIs are encouraged to analyze their status there.

From the assessment it is clear that the major problem to be faced is the decommissioning of gLite 3.1 which is still massively deployed. RHEL 4 reached end of security support on the 29th of Feb, while SL4 reached end of security support on the 2nd of Feb. No further security patches for these Linux distributions are now available.

**DECISION. The OMB declared gLite 3.1 obsolete. The following plan is approved: by 30/09/2012 the following products need to be decommissioned from the production infrastructure:**

* + **lcg-ce**
	+ **any site-BDII instance earlier than 3.2.10-1 (i.e. not GLUE 2.0 compatible)**
	+ **all gLite 3.1 currently unsupported products: this includes all gLite 3.1 products with the exception of gLite-Cluster, glite-LSF\_utils, glite-SGE\_utils, glite-TORQUE\_utils (see gLite 3.1 support calendar at** [**http://glite.cern.ch/R3.1/**](http://glite.cern.ch/R3.1/)**)**

**After the decommissioning deadline, sites that after 30/09/2012 are still hosting one of the services in the above list will be suspended.**

# ARC/dCache/gLite/UNICORE deployment priorities of NGIs? Sl5/sl6/Debian

T. Ferrari/EGI.eu

With EMI 2.0 and increasing number of platforms will be supported (sl6 and Debian will be supported too, at least for a subset of the products currently in EMI 1.0). We consequently need to distribute early adopter resources to make sure that 1. there’s a sufficient number of EA sites for products that are frequently updated and 2. Early adopter effort is focused on OS platforms/products that are of interest to sites. A survey will be circulated to collect information about these priorities from NGIs and their sites. NGIs will be responsible of collecting feedback from their site administrators. M. David: As SA2 will provide products on pre-configured WMs distributed through the StatusLab Market Place. We need to gather feedback about interest in this.

**Action (T.Ferrari/M.David) To prepare a survey on Platform, software and VM deployment plans**.

# AOB

EMI and IGE will both finish in 2013 and now follow-up project is planned in both cases. It is currently unclear what the impact of this will be on the maintenance and support of the products currently deployed in EGI. It hence important that deployment and usage of currently deployed software is assessed together with NGIs. A survey will be distributed to NGIs and user communities.

**Action (T. Ferrari). To prepare a survey on Usage and future maintenance of deployed software**.

The obsolete sites which entered suspended and candidate status before 01 June 2012 will be closed by cod, with the exception of the sites for which an extension was requested (these are available at: <https://wiki.egi.eu/wiki/Grid_operations_oversight/CandidateSuspendedSitesList>).

Next Meeting: Face to face meeting, Munich 26/03/2012

1. Member, Observer, in Attendance [↑](#footnote-ref-1)