



Operations Management Board (OMB)

Meeting:	Operations Management Board
Date and Time:	28 August 2012
Venue:	Phone meeting - EVO
Agenda:	https://indico.egi.eu/indico/conferenceDisplay.py?confId=1096

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Participants

Name and Surname	Abbr.	Organisation	Membership ¹
Luis Alves		CSC/NGI_FI	Deputy
Jan Astalos		UI SAV, NGI_SK	Member
Goncalo Borges		LIP	Member
Stephen Burke		EGI.eu Information Officer	Member
Chun-Cheng Chen		Asia Pacific region	Member
Claire Devereux		STFC, UKI	Member
Hélène Cordier		IN2P3/NGI_FRANCE	Member
Tiziana Ferrari		EGI.eu	Chairman
John Gordon		STFC, UKI	Member
Nikola Grkic		IPB/NGI_RS	Deputy Member
Vera Hansper		CSC/NDGF, NGI_NDGF	Member
Sy Holsinger		EGI.eu	Invited Participant
Emir Imamagic		SRCE/NGI_HR	Member
Dmitry Nilsen		KIT/NGI_DE	Deputy Member
Mats Nylen		NGI_SE	Member
Mats Nylen		NGI_SE	Member
Marcin Radecki		CYFRONET, NGI_PL	Member, TSA1.7
Miroslav Ruda		CESNET/NGI_CZ	Member
Ulf Tigerstedt		CSC/NGI_FI	Member
Alessandro Usai		SWITCH/NGI_CH	Member
Anders Waananen		UCPH, Denmark	Member

Some participants were connected through Phone Bridges.

ACTION REVIEWS

Action Owner	Content	Status
Actions from the 28 August 2012 OMB meeting		
24.01	S. Gabriel To provide information on the IRTF use of OPS membership (for a future extension of the OPS AUP)	OPEN
24.02	NGIs To check sites not publishing User DNs and to request the problems to be fixed (see list attached to the August OMB agenda)	IN PROGRESS
24.03	NGIs To participate to the internal review of the EGI GLUE 2 profile draft	IN PROGRESS

¹ Member, Observer, in Attendance

24.04	T. Ferrari	To discuss with SA2 GLUE 2 as new criteria for UMD software verification	OPEN
24.05	T. Ferrari	To convert the middleware sustainability plans xls file into a document for wider distribution, and to start the implementation of identified mitigations	OPEN
24.06	P. Solagna	To update the SHA-2/RFC proxy action plan after the IGTF meeting in September	OPEN
24.07	T. Ferrari	To execute the SHA-2/RFC proxy action plan (with the participation of EGI CSIRT and SA2)	OPEN
24.08	NGIs	To support sites and enforce the gLite 3.1 and unsupported gLite 3.2 retirement plan	IN PROGRESS
Actions from the 17 July 2012 OMB meeting			
23.02	NGIs	To report experience about VOs running on EMI WN at the following wiki page: https://wiki.egi.eu/wiki/NGI-VO_WN_tests . In case of issues, a security support of gLite 3.2 WN needs to be requested. Feedback from NGIs is fundamental. DEADLINE 07 September. → gLite 3.2 WN support extended to end of November 2012, however the action is still relevant and has to stay in progress	IN PROGRESS
23.04	NGIs	To participate to the resource allocation policy survey to provide information about the national and/or site-specific policies adopted in the country. Deadline for submission is 07/09/2012 (https://wiki.egi.eu/wiki/Operations/Resource_Allocation) → survey closed. Results will be presented at the Resource Centre Forum (TF12)	CLOSED
23.05	NGIs	to provide comments about the proposed accounting profile by 28 August 2012, so that these can be presented to EMI for implementation. NGIs comments must be provided to the OMB through the mailing list. See proposal at: https://indico.egi.eu/indico/getFile.py/access?contribId=4&resId=0&materialId=slides&onfId=723	CLOSED
23.06	NGIs	To contact sites that are not publishing UserDNs to request the re-publishing in case of gaps during the past 12 months → update on list of sites not publishing DN's in August provided during the August OMB	IN PROGRESS
23.07	H. Cordier	to report information about the feasibility of the decommissioning of unsupported gLite 3.2 products by 01 Oct. → CLOSED. The PMB ratified the decision of the OMB/SCG about retiring all unsupported gLite 3.2 services by the end of September 2012	CLOSED
23.08	M. Krakowian	to report information about the feasibility of the decommissioning of unsupported gLite 3.2 products by 01 Oct. → see above	CLOSED
23.09	T. Ferrari	To collect information about SLURM support in CREAM during PY3 of EMI → SLURM will be supported with the CREAM released in EMI 3	CLOSED
23.10	NGIs	To inform sites that unsupported gLite 3.2 products have to be decommissioned by 30 Sep 2012. → advisory distributed to site managers whose site hosts unsupported gLite 3.2 services	CLOSED
Actions from the 19 June 2012 OMB meeting			
22.02	K. Koumantaros	To discuss the current user data retention with the NGI international report Virtual Team	IN PROGRESS
22.03	J. Gordon	To discuss the current user data retention policy with the UCB → discussion at the August UCB	CLOSED

22.04	NGIs	To discuss the current user data retention policy and a timeline for the erasing of historical user DN information with Resource Centres and propose a timeline for the removal of historical userDN information	IN PROGRESS
Actions from the 26 March 2012 OMB meeting			
20.01	T. Ferrari	To propose a process for MoU negotiation between VOs and NGIs/RCs → currently put on-hold	ON HOLD
20.02	T. Ferrari	To organize a EMI/EGI seminar on new features released, deployment aspects and usage aspects from a user perspective → first meeting on LFC/DPM synchronization. → VOMS training organized in July, additional training session provided at TF12	IN PROGRESS
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.	ON HOLD
20.04	T. Ferrari	to constitute a task force addressing the problems faced by BIOMED in terms of allocation of a sufficient share of resources → BIOMED requested to test the WMS feature supporting job migration in case of high queuing time. Resource allocation policies being reviewed at TF12	IN PROGRESS
20.05	E. Imamagic	to start the procedure for assessing the impact of GLOBUS/UNICORE probes on daily operations. → waiting for new SAM release 17. SAM 17.1 under deployment since end of August.	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)	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) → IN PROGRESS. Waiting to see the status of the next May SAM update. 19/06: SAM update released to end of June.	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 GOCDDB 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 → now GOCDDB supports virtual sites. A module for availability reporting of virtual sites is being implemented in the operations portal.	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 → The unknown percentage has been decreasing. The status will be reviewed in collaboration with COD in May. It will be reviewed after the release of SAM update 17, which should include the feature of a SAM central monitoring controlling NGI SAM Installations	IN PROGRESS
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. → SA1 milestone for 2012. Will be discussed in the August UCB.	IN PROGRESS
Note: Actions from previous meetings are closed.			

Introduction

T. Ferrari/EGI.eu, S. Holsinger/EGI.eu, J. Gordon/STFC



The UMD 1 and UMD 2 update calendar is presented.

Deployment of unsupported grid middleware: the production infrastructure is still deploying many gLite 3.1 services which reached end of support many months ago, and unsupported gLite 3.2 services. This situation exposes the whole infrastructure.

All gLite 3.1 end-points and **currently unsupported** gLite 3.2 services have to be upgraded or switched off **by the end of September 2012**, as agreed at the July OMB.

The following generic policy for retirement of unsupported middleware was approved by the PMB on 27/08/2012: **unsupported software must be retired no later than 1 month after its end of life, with the proviso that after this date, if a critical vulnerability were to emerge, EGI CSIRT can request the service to be turned off immediately.**

This policy will be integrated (most likely) into the service operations security policy. The enforcement of this policy will start on a date to be decided, after the decommissioning of gLite 3.1 and unsupported gLite 3.2 according to the calendar presented above. An extension of security support of gLite 3.2 WN and UI (currently scheduled on end of Sep 2012) was submitted in July to EMI.

The OMB October meeting is postponed to the 30th of October.

All NGIs are solicited to provide information on readiness of VOs towards EMI 1 and EMI 2 WN., and to provide feedback on resource allocation policies, and sustainability.

NGI_PL comments to the EGI Accounting Profile proposal presented in July will be incorporated. No other comments were received by the OMB. The profile will be finalized at TF12, and after this will be discussed with the technology providers.

S. Holsinger of the EGI.eu policy team provides an overview of the TF12 sessions that deal with sustainability (of technology providers, NGIs and EGI.eu). All NGIs are reminded to provide feedback to the NGI sustainability survey: information from the survey will be used as input for discussion and future plans at TF12.

J. Gordon/STFC provides an overview of the sites that in August failed to publish the User DN. All NGIs are requested to assist sites using APEL publishers to fix problems. Publication of User DNs is activated at configuration time, instructions are attached to the agenda. For re-publishing of User DNs in the past, sites have to wait for new visualization features in the accounting portal that will allow them to identify holes in their User DN publication. Once this will be available, re-publication will have to be negotiated with the APEL Support Unit (a GGUS ticket is requested before proceeding, to avoid overload of the central DB).

Recent vulnerability issues affecting WMS showed the need of a wider participation of EGI Incident Response Task Force to the OPS VO for monitoring reasons. Membership of DTEAM is not sufficient, even if DTEAM support is mandatory, as in several NGI only members of the local group are allowed, and automation of enforcement of DTEAM support through Nagios is difficult.



The OMB agrees to an extension of the OPS membership to IRTF, but a description of the use cases is required (**ACTION, S. Gabriel**).

Proposal of EGI GLUE2.0 profile

S. Burke/EGI.eu

The first version of the EGI PROFILE FOR THE USE OF THE GLUE 2.0 INFORMATION is presented. GLUE 2 will be soon be supported by all clients and services, and this will be facilitated by the planned decommissioning of gLite 3.1 and unsupported gLite 3.2 products.

The GLUE 2 schema is intentionally very flexible, this allows many ways to use it, not necessarily interoperable. EGI needs a profile to specify how it should be used, detailing the semantics of each attribute, what should and should not be published. Monitoring tools and deployed software should enforce the usage.

The OMB needs experts willing to review the document before it enters external review. The timeline for internal comments is by TF12. U. Tigerstedt will provide a review. All NGIs are requested to contribute to this. After TF12 the document will be finalized for discussion with the technology providers.

5 identified categories of attributes: mandatory/recommended/desirable/optional/undesirable

GLUE 2 validation information in EMI 2 is performed by means a script that periodically checks published information for compliance; results are logged in a local file. The OMB discusses how this information can be extracted so that through a Nagios probe alarms can be raised to actively notify administrators. A SAM test is planned for the upcoming BDII EMI update. E. Imamagic: We never execute anything on the service node itself. We need to run the validator by SAM. S. Burke: Site level Nagios could serve this purpose but it is not widely deployed.

4 proposed categories for validation results: fatal errors, errors, warnings, info

Validation: we need tools for various use cases

- Interoperability testing of publishing from different stacks
- CE and SE tests, these are difficult services
- Glue validator programme checks, inside BDII? Run automatically by cron job and publish in SAM test, to be released in upcoming EMI update. Nagios test would scan log file. SAM will not be able to consume this information
- Gstat checks are after it is published in BDII. A Gstat new version which is GLUE 2 capable, will be released in November.



Impact of middleware support plans on operations

T. Ferrari/EGI.eu

The SA1 task leaders have analyzed the technology provider sustainability plans after the end of the EMI and IGE projects to identify the operations services (central and national) that will be affected, and to assess risks. The summary of the services that will be affected is attached to the agenda, for each change the risk related to its impact was initially assessed.

The services that are more critically affected are:

- Availability of 3rd level support units.
- EGI Software Vulnerability Issue Handling Procedure: coordinated release and exchange of information about vulnerabilities, agreed response time by TP if a potential vulnerability is found in the software they supply regulated by a SLA.
- Products are retired or a fee for service is required. LFC (Local File Catalogue support) supported until 2013-2014. BDII is going to be supported by CERN only for WLCG purposes (no plans to phase it out yet, but WLCG usage of information system may change, and consequently the BDII), no clear long-term evolution plans HYDRA and STS fees for support

The future of LFC support is discussed. A DPM community project will allow for easier support of LFC, but regardless of this, the DPM collaboration would welcome contributions to LFC maintenance and development (see later point in the agenda about the DPM community project initiative).

ACTION (T. Ferrari). To convert the middleware sustainability plans xls file into a document for wider distribution, and to start the implementation of identified mitigations.

SHA2 and RFC proxy EGI plan

T. Ferrari/EGI.eu presents the action plan to prepare the infrastructure for a transition towards to the support of SHA-2 for certificate encryption. The action plans includes the following:

- **SHA-2 readiness matrix (in progress)**
- **SHA-2 and RFC proxy compliance software validation (open)**
- **Assessment of SHA-2 readiness of the production infrastructure (open)**
- **Assessment of the impact of the transition on users (in progress)**

The action plan will be reviewed after the IGTF meeting in September (**ACTION, P. Solagna**).

The proposed action plan is approved, and its execution will start in October (**ACTION, T. Ferrari**).

Retirement of gLite 3.1 and 3.2: assessment of progress

S. Burke/EGI.eu



gLite 3.1

gLite 3.1 must be retired from the production infrastructure by Sep 2012.

Sites hosting gLite 3.1 end points after 30 Sep WILL BE suspended by EGI CSIRT.

gLite 3.2

Unsupported gLite 3.2 must be retired from the production infrastructure by Sep 2012. Sites hosting unsupported gLite 3.2 services after 01 Nov risk suspension. EGI CSIRT will decide on a case by case depending on constraints faced, risks associated to the deployment of that component, and the future plans.

Un update on sites still deploying gLite 3.1 and unsupported 3.2 services is provided (see attachments to the agenda).

ACTION (NGIs): all NGIs are requested to support sites and enforce this retirement plan.

DPM Collaboration Proposal

O. Keable/CERN

DPM and LFC are both part of the proposal for the establishment of collaboration for maintenance, development, testing and support of these products. DPM is the most widely SE solution deployed to date. According to the information system DPM deployment is concentrated in UK, France, Taipei, NL and IT. With a community supporting DPM, the incremental effort needed for maintenance and support of LFC will be small.

Serious discussions are taking place in NGI_UK, NGI_France, Taiwan for a participation to the collaboration. NGI_NL partners are still evaluating the proposal. No contribution from NGI_IT is expected. There is still time to express interest, but CERN hope to define the future direction around the end of October.

Coordination of the community project will reflect the effort put into it, which means that the collaboration will not be necessary lead by CERN. DPM workshops are organized every 6 months.

IberGrid: major sites are not using DPM and StoRM is being considered as possible replacement of DPM and dCache is used otherwise, there are no plans of participation far. IberGrid is however already participating to staged rollout of the product.

NDGF will support dCache.

NGI_CH: DPM is deployed in two sites as well as dCache. No plans at the moment. Site admins will be asked for contribution.

NGI_PL: no discussions of participating to the initiative so far, some sites are considering the migration to StoRM.



NGI_DE is oriented towards dCache.

AOB

Next meeting: OMB workshop at TF12, 20 September, 14:00-17:30 CET
(<https://indico.egi.eu/indico/sessionDisplay.py?sessionId=45&confId=1019#20120920>).