**Operations Management Board (OMB)**

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| **Meeting:** | Operations Management Board |
| **Date and Time:** | 28 May 2013 |
| **Venue:** | Adobe Connect |
| **Agenda:** | https://indico.egi.eu/indico/conferenceDisplay.py?confId=1236 |

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# Participants

|  |  |  |  |
| --- | --- | --- | --- |
| Name and Surname | Participated | Organisation | Membership[[1]](#footnote-1) |
| Emrah Akkoyun |  | TUBITAK, NGI\_TR | Deputy Member |
| Luis Alves | Apologies | 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 | YES | LIP/IberGrid | Member |
| David Bouvet |  | CNRS/NGI\_FRANCE | Deputy Member |
| Stephen Burke | YES | EGI.eu | Information Officer |
| Keith Chadwick |  | Fermilab | OSG/Security |
| Chun-Chen Chen | YES | 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 |
| Mario David |  | CNRS/VERCE Porject | Invited Participant |
| Claire Devereux | YES | STFC/NGI\_UK | Deputy Member |
| Miroslav Dobrucky |  | NGI\_SK | Deputy Member |
| Helmut Dres |  | KIT | SA1.6/helpdesk |
| Feyza Eryol | YES | TUBITAK/NGI\_TR | Member |
| Tiziana Ferrari | YES | EGI.eu | Chairman |
| Alessandra Forti |  | WLCG | Invited Participant |
| Sven Gabriel | YES | NIKHEF | EGI CSIRT |
| Luciano Gaido |  | INFN/NGI\_IT | Member |
| John Gordon |  | STFC | TSA1.5 |
| Guenter Grein | YES | KIT | TSA1.6 Leader |
| Nikola Grkic |  | IPB/NGI\_AEGIS | Deputy Member |
| David Groep | YES | FOM | EUGridMPA |
| Nicolai Iliuha | YES | 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 |  | 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 |  | CCIN2P3 | JRA1 |
| Gilles Mathieu |  | IN2P3/NGI\_FRANCE | Member |
| Ludek Matyska |  | CESNET/NGI\_CZ | Member |
| David Meredith |  | STFC | JRA1/GOCDB |
| Dimitri Nilsen |  | KIT/NGI\_DE | Member |
| Mats Nylen | YES | NGI\_SE | Member |
| Dulav Oleg |  | KIT | TSA1.6/GGUS |
| Alison Packer |  | 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 | YES | TRIUMF/ROC\_Canada | Member |
| Marcin Radecki | YES | CYFRONET/NGI\_PL | Member, TSA1.7 |
| Miroslav Ruda | YES | CESNET/NGI\_CZ | Member |
| Serge Salamanka | YES | UIIP NASB/NGI\_BY | Member |
| Renato Santana |  | CBPF/Latin America | Member |
| Diego Scardaci | YES | INFN | JRA1 Act Manager |
| 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 | Apologies | CSC/NGI\_NDGF | Member |
| Ron Trompert |  | SURFsara/NGI\_NL | Member, TSA1.7 |
| Marco Verlato |  | INFN/WeNMR | Invited Participant |
| Paolo Veronesi | YES | INFN/NGI\_IT | Member |
| Luuk Uljee |  | SURFsara NGI\_NL | Deputy Member, TSA1.7 |
| Alessandro Usai | YES | SWITCH/NGI\_CH | Member |
| Anders Waananen |  | UCPH/Denmark | Member |
| Pavel Weber | YES | KIT/NGI\_DE | Deputy Member |

# ACTION REVIEWS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Action Owner** | | **Content** | | | | **Status** |
| **Actions from the 28 MAy 2013 OMB meeting** | | | | | | | |
| **31/01** | | NGIs | | Provide feedback about new draft procedure <https://wiki.egi.eu/wiki/PROC17> (decommissioning of obsolete service types) | | OPEN | |
| **31/02** | | NGIS | | To contact sites that offer MPI capabilities through CREAM to register service end-points of type eu.egi.MPI in GOCDB. The registration of these service end-points is requested by 31-06-2013. | | OPEN | |
| **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 | | OPEN | |
| **31/04** | | NGIs | | To provide comments about the switching of VO SAM and NGI SAM monitoring metrics to OPERATIOSN by the 14th of June | | OPEN | |
| **31/05** | | E. Imamagic | | To start the procedure for turning the operations tool metrics to OPERATIONS 🡪 procedure started: <https://ggus.eu/ws/ticket_info.php?ticket=94374> | | CLOSED | |
| **31/06** | | T. Ferrari, M. Krakowian | | To open a new survey with detailed operations services portfolio for sharing of services across NGIs | | OPEN | |
| **31/07** | | E. Imamagic | | To implement SHA-2 monitoring probes and propose a deployment plan (by which Nagios instance these probes will be run). The monitoring infrastructure has to be ready by 01 July (<https://rt.egi.eu/rt/Ticket/Display.html?id=5639>) | | OPEN | |
| **31/08** | | D. Scardaci | | To assess the impact of end of support of emi-nagios within JRA1 and discuss a mitigation plan | | OPEN | |
| **31/09** | | P. Solagna | | To provide a summary document which defines in which ways the end of support of Torque server config and Torque WN config affects operations of sites and propose mitigation actions where needed | | OPEN | |
| **Actions from the 12 April 2013 OMB meeting** | | | | | | | |
| **30/01** | | NGIs for site managers | | NGIs to contact site managers of sites offering MPI support through CREAM CEs so that in preparation to SAM Update 22, all sites supporting the MPI capability register eu.egi.MPI service end points) | | IN PROGRESS | |
| **30/03** | | T. Ferrari | | To discuss the usage of long proxy certificates with the user communities with the UCB | | OPEN | |
| **30/05** | | T. Ferrari | | To discuss with the UCB the interest in a CVMFS service for application software installation | | OPEN | |
| **Actions from the 26 February 2013 OMB meeting** | | | | | | | |
| **28/02** | | D. Kelsey | | | Clarify if publishing of accounting is made mandatory by current EGI policies, and suggest any change or further action to address the local policy issues raised by sites/NGIs (<https://rt.egi.eu/rt/Ticket/Display.html?id=5036>) | OPEN | |
| **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 | IN PROGRESS | |
| **28/08** | | R. Trompert/COD | | | To consider the evolution of the ROD index to be a relative metric that reflects the number of sites. Pros/Cons? (<https://rt.egi.eu/rt/Ticket/Display.html?id=5043>) | OPEN | |
| **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 20 November 2012 OMB meeting** | | | | | | | |
| **26.01** | | K. Koumantaors | | To keep the OMB informed about progress in migrating notification features of VOMRS to VOMS 🡪 difficulties are being experienced to keep the current notification features available in VOMRS. The problem is being discussed with the VOMS developers. 🡪 waiting for the EMI 3 release of VOMS 🡪 27-05-2013 discussion in progress with developers | | ON HOLD | |
| **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. | | | | | | | |

# Introduction

T. Ferrari/EGI.eu (see slides)

The program of the Technical Forum 2013 is being drafted.

A new procedure for the decommissioning of obsolete service types was drafted. **ACTION (NGIs): please provide feedback about** [**https://wiki.egi.eu/wiki/PROC17 by 14-06-2013**](https://wiki.egi.eu/wiki/PROC17%20by%2014-06-2013)

Countries deploying ARC, GLOBUS and UNICORE should plan for tests of information publishing of these resources to top-BDII.

VOMRS is still used for membership management of OPS (at CERN) and DTEAM (at GRNET/AUTH). CERN was contacted to get information about their VOMRS migration plans (VOMRS is not SHA-2 compliant). For the DTEAM VO, an upgrade is possible at any time (the migration to VOMS was already tested but some missing features were identified). The migration plan of DTEAM VOMRS depends on the release schedule of the requested features.

UPDATE (29/05/2013): A release of the needed features is confirmed for end of June[[2]](#footnote-2). Any upgrade is postponed until then.

The new GGUS workflows for handling of tickets from unresponsive submitters and tickets for unresponsive supporters were approved by the UCB. These will be implemented in the June GGUS release. Software support units are being updated after the end of EMI and IGE. In addition, various types of commitment levels to software support are being discussed with the supports. It is envisaged that 2 or 3 types of support will be available from GGUS.

**ACTION (NGIs) To contact sites that offer MPI capabilities through CREAM to register service end-points of type eu.egi.MPI in GOCDB**. **The registration of these service end-points is requested by 31-06-2013.** This is needed in preparation to the release and deployment of SAM Update 22. A monitoring infrastructure will be put in place to raise alarms to sites that publish MPI capabilities in MPI but have no service types declared in GOCDB.

Extensions to the service operations security policy are approved. T. Ferrari will contact EGI CSIRT to finalize the implementation plan for the enforcement of the central emergency suspension of users already presented at the February OMB[[3]](#footnote-3).

An update on the progress of the EMI 1 decommissioning is provided.

Monitoring of operational services (EGI.eu and SAM NGI) is in production since October 2012. At an NGI level this is very important to check the availability of the NGI SAM instances. At EGI.eu level this is necessary to ensure that the proper alarms are generated when failures of the central services are detected. The different between the OPS\_MONITOR and the OPS\_MONITOR\_CRITICAL is only related to 1 metric. It is proposed that all metrics that are part of the OPS\_MONITOR\_CRITICAL profile are switched to OPERATIONS to enable the generation of alarms to the sites hosting the service end-points.

This concerns both NGI services and EGI.eu services. The implication of this change for NGIs is that sites hosting NGI SAM and VO SAM instances will get alarms in the site operations dashboard (and tickets from RODs) in case of failure of the service. (Regional Operations Portal instances have to be retired as no longer supported)

**ACTIONS (NGIs): to provide comments about the switching of VO SAM and NGI SAM monitoring metrics to OPERATIONS by the 14th of June.**

**ACTION (E. Imamagic): to start the procedure for turning the operations tool metrics to OPERATIONS**

# Federation of NGI Services

M. Krakowian/EGI.eu

Results from a survey conducted within the OMB on the interest of NGIs about sharing operational services as well as VO services are presented. The survey was opened as mitigation action in preparation to the end of EGI-InSPIRE funding to (partially) support NGI operations.

21 NGIs responded. 10 NGIs (about 50% of them) are in favour of sharing services (either as provider or consumer). Different sharing models are envisaged: exchange of services, establishment of MoUs, etc. Most of the NGIs expressed the need of EGI.eu coordination of provisioning of VO services. Various suggestions on how to reduce cost of operational services are reported: automation, better communication between VOs and NGIs, the creation of a group of small NGIs to provide services to users, etc. (see slides for details)

**ACTION (M. Krakowian/T. Ferrari): a questionnaire will be distributed with a detailed list of operational services to get better understanding of which services can be shared**.

# Outcome of the 28th EUGridPMA Meeting

D. Groep/FOM (see slides for details)

SHA-1 is getting in critical status: in case of vulnerabilities for CAs with public trust will an immediate migration to SHA-2 will be necessary, regardless of the EUGridPMA agenda. The objective is to move to SHA-2 before any vulnerability appears. The SHA-2 migration has been work in progress at IGTF for the last 3 years.

We still issue SHA-1 by default. The relevant part of the revised SHA-2 migration timeline are the following:

* **Now**
  + CA certificates in the IGTF distribution and CRLs at official distribution points should use SHA-1
  + CAs should issue SHA-1 end entity certificates by default
  + CAs may issue SHA-2 (SHA-256 or SHA-512) end entity certificates on request. CAs may publish SHA-2 (SHA-256 or SHA-512) CRLs at alternate distribution point URLs
* **1st October 2013**
  + CAs should begin to phase out issuance of SHA-1 end entity certificates
  + CAs should issue SHA-2 (SHA-256 or SHA-512) end entity certificates by default

October 01 2013 is a key date. EUGridMPA encourage strongly as of Oct 01 to phase out SHA-1 certificates and switch to SHA-2 by default. All resources will have to have SHA-2 middleware capable by then.

SHA-1 is still an option for those CAs that cannot handle SHA-2, but with a potential reduced time line

This is the optimistic timeline, in case of found vulnerability, the schedule has to be reconsidered and moving to SHA-2 in short time will be necessary.

For operational reasons with robots, old tokens may not support SHA-2 so hardware based robots may need to be updated to be SHA-2 capable.

OCSP is the On-line certificate status protocol; currently there is no experience in load generated by OCSP. Sites have no caching infrastructure to operate in high availability mode. The OCSP campaign is delayed for after SHA-2 rollout.

In case of IPv6 only deployment of services: we do not expect old CAs to have IPv6 capable end points this year and next year.

NGIs are invited to provide comments about differentiated ID assurance (this is being promoted by XEDE and PRACE, which have tight user control. Introduction of this profile is foreseen in early 2014

For adoption we need IPDs and resource providers both needing and supporting the profile. This profile is relevant to portals or other services which do not support arbitrary execution of jobs.

# SHA-2 monitoring plan

T. Ferrari/EGI.eu

In preparation to the transition to SHA-2, it is proposed that a monitoring infrastructure is implemented to check the readiness of the production infrastructure. The purpose is to identify software versions that are not SHA-2 compliant (versions are extracted where possible from BDII). Alarms are generated in case of non SHA-2 compliant software. This requires the availability of a Nagios central instance and probes.

Compliance to SHA-2 is part of the UMD verification quality criteria. In case of non-compliance, Product Teams are notified (software is not rejected though for inclusion into a UMD release).

Products are not rejected in case of failure but the PT is warned, so far the situation is fairly good, problems found originally in UMD2 verification are now solved in the latest UMD 3. The baseline version of WMS supporting SHA-2 is 3.5.0, which was released in EMI 3.

**DECISION. The OMB approves the SHA-2 monitoring plan, and requests the infrastructure to be ready by 01 July**.

There will be no forced decommissioning of services that are not SHA-2 compliant, however failure to accept SHA-2 certificate will cause authorization failures when users will try to access those service instances.

**ACTION (E. Imamagic) To implement SHA-2 monitoring probes and propose a deployment plan (by which Nagios instance these probes will be run**)

All JRA1 tools were reported to be SHA-2 compliant.

# UMD Update and post EMI/IGE software support

P. Solagna/EGI.eu

Continuity of support to the majority of the products is granted, even if at different levels of commitment, which depends on the resources individually available to the product teams. The post-EMI product team contacts are available at the following link:

https://twiki.cern.ch/twiki/bin/view/EMI/EmiProductTeams

Concerns were expressed about the continuity of support of several products including LFC, WMS, EMI User Interface and EMI Worker Nodes.

* LFC: continuity of support is granted by the DPM collaboration. "The DPM Collaboration is happy to announce that it will take over coordination of the DPM project following the end of EMI. The collaboration represents major stakeholders in DPM who have all committed resources to maintaining, developing and supporting DPM as an efficient storage solution. The agreement covers all aspects of the DPM project, including new dmlite developments, clients, and derived products such as the LFC and dynamic federations." (see https://svnweb.cern.ch/trac/lcgdm/blog )
* WMS, EMI UI and WN: continuity of support is provided by the Italian Grid Infrastructure at least until the end of EGI-InSPIRE. Plans for after EGI-InSPIRE will be discussed at a later stage, and will depend on the funding position in April 2014.
* End of support will affect a few EMI technical products: **gLite-yaim-core, Torque server config, Torque WN config and emi-nagios**. The end of support of these products does not directly affect application software but has an impact on sites operations and EGI operations. This is being assessed by EGI operations, a mitigation plan will be discussed soon with NGIs and Resource Centres. SAM will depend on emi-nagios for probe configuration as of SAM Update 22.

The following actions are defined to prepare to the end of support of the products mentioned above.

**ACTION (D. Scardaci): to assess the impact of end of support of emi-nagios within JRA1 and discuss a mitigation plan**.

**ACTION (P. Solagna): to provide a summary document which defines in which ways the end of support of Torque server config and Torque WN config affects operations of sites and propose mitigation actions where needed.**

For Globus products IGE releases will continue (at reduced effort) after the end of the project. This activity is provided by the European Globus Community Forum (EGCF).

The support calendars of (EMI-1) dCache (1.19.2) and Storm (1.8.3) are extended, as communicated via broadcast.

UMD 3.0.0 was released on the 14th of May. An update on the future UMD release calendar is provided (see slides).

ARC 3.0.0 was not released as EAs adopted requested to wait for version 3.0.1, which provides many bug fixes. StoRM is also missing from UMD 3.0.0 because of issues found in staged rollout.

UMD 2 updates are still expected; UMD 2.5.0 was released on May the 24th

MAUI will be no longer distributed through EPEL. This affects the repositories enabled at sites, which currently include: EPEL, the OS repo and the UMD repo. The usage of the UMD community repository for distribution of MAUI needs to be discussed: though technical feasible, it requires partners willing to maintain this release in the UMD.

L. Cornwall: a vulnerability affecting MAUI was reported recently, is MAUI still supported? P. Solagna: it is supported but the distribution in EPEL will be discontinued.

L. Cornwall: what happens if third party software gets unsupported? T. Ferrari: this needs to be communicated to site administrators, in order to adhere to service operations best practices, site administrators will be recommended to migrate to supported products.

SVG: MAUI. Still maintained but not released in EPEL a vulnerability was reported recently.

# UMD Release Team

P. Solagna/EGI.eu

The UMD release team was launched at the beginning of May to facilitate communication between Product Teams (PTs) and EGI. The URT is a communication channel to provide feedback about critical issues found in staged rollout or in production, to discuss quality criteria for UMD software, to track progress of urgent fixes, vulnerabilities, to provide feedback on UMD release schedules and to collect feedback on release plans and on-going developments of individual PTs.

To ultimate goal is to ensure that UMD can be a distribution of quality software.

PTs are free to release independently through independent channels. URT provides lightweight coordination.

The board will be chaired by P. Solagna (SA2 activity manager) and co-chaired for a few months by C. Aiftimiei (EMI release manager).

L. Cornwall: SVG activities need supporting service level agreements to define time to fix urgent issues. SLAs are felt to be needed. P. Solagna: in the short term URT will include representatives of all PTs that express interest regardless of the existence of SLAs. The establishment of SLAs is a topic of the Technology Coordination Board agenda.

# SAM Update-22 EMI Probes

E. Imamagic/SRCE

The SAM Nagios working group has been reviewing various probes in preparation to SAM Update 22. A clean re-install of NGI SAM instances is needed to move to SAM Update 22. A clear re-install is necessary because of the replacement of the glite UI by the Nagios EMI package.

A parallel instance SAM Update 22 can be deployed, N instances can be available and a backup can be prevented from sending results.

Pre-production is due to start on the 1st of June and if everything goes well, staged rollout is due after 2 weeks. The tentative deadline for production release is mid July. Renaming of metrics will be put in place to make sure that results of pre-Update 22 are correctly mapped to the new metric names introduced in SAM Update 22.

**DECISION. Considering the current (tentative) SAM Update 22 calendar, the OMB defines 01-10-2013 to be the deadline for upgrading NGI SAM instances to Update 22. The deadline will be reviewed in case of significant changes in the Update 22 release schedule**.

Various metrics will be removed, other renamed, and other new ones will be added.

* Metrics removal: some are proposed to be deprecated. The deprecation will be performed centrally through POEM (no changes are requested in SAM NGI instances). Historical data about obsoleted metrics will stay in the central data base, however, results will no longer be accessible through MyEGI and the SAM PIs. Profiles will have to be updated accordingly to remove obsoleted metrics. Removal of ARC probes was previously discussed via mailing list and approved by the SAM NAgios WG, for LFC Certlifeime there is no replacement. For MPI metrics this was agreed in April. **DECISION. The OMB approves the decommissioning of org.sam.LFC-CertLifetime (no replacement metric), org.arc.AUTH, org.arc.SW-VERSION (replaced by new metrics), org.sam.mpi.CE-JobSubmit, org.sam.WN-MPI (replaced by new metrics)**.
* Metric renaming. This is due to the change of name of some metrics (most of the probes remain the same, but others are new). Current names and future ones will exist until old instances exist. Mapping of results from old metric names to new metric names will be maintained centrally. Most of these probes are the same, but name changed. Some probes are actually new. Historical results will be maintained. Once the release is done, central instance will be upgraded and the new names will be enabled. Old names will still be maintained and used by previous NGI SAM instances. However, in the central instance of SAM only the new metric names will be available even during the migration of NGI SAM instances to Update 22. Metrics history will be preserved and renaming will not affect A/R computations. ARC probes were completely re-written (now in python), a change in logic in how jobs are submitted was also introduced. These are similar to the WN tests, and they publish back, before there was a single test arc job submit. Now, the logic is like CREAM CE: results is a passive test that includes the results of the submission, while job submit only runs the test. See slides for metrics that will be renamed.
* Added metrics: new metrics were provided by the developers. These will be just part of the ROC profile to start with to enable immediately all the new tests, but will not be switched to OPERATIONS (in order to not affect ROD activities) nor to CRITICAL (to avoid unexpected changes in the Availability/Reliability reports). Metris will be validated first according, and depending on the result of this, following the existing procedures, will be switched to OPERATIONS and CRITICAL as applicable. The addition of new metrics has side effects but does not impact A/R calculations and will not create alarms so ROD teams. However, pre-Update 22 SAM instances will get internal alarms because in NCG the definition of the new metrics is not existing (this is an internal alarm that has no effect on sites). In addition, for all service end-points for which we have new metrics, we will have missing status from the central MyEGI portal (this only concerns the central instance, not the NGI one). Service status UNKWNOWN will be returned only for ROC profile, the other profiles are not affected. Once upgraded to SAM Update 22, the “missing results” alarm will disappear. The new metrics to be added are: 6 new metrics for ARGUS, plus the new MPI probes, and ARC-CE service types. Result is a passive metric, submit is active. **DECISION. The OMB approves the introduction of new metrics with SAM Update 22 according to the proposed plan (see list on slides).**

1. Member, Observer, in Attendance [↑](#footnote-ref-1)
2. <https://ggus.eu/tech/ticket_show.php?ticket=93897> [↑](#footnote-ref-2)
3. <https://indico.egi.eu/indico/getFile.py/access?contribId=4&resId=0&materialId=slides&confId=1233> [↑](#footnote-ref-3)