# EGI-InSPIRE

## UMD REQUIREMENTS FROM OMB FOR TCB-7

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# 1 INTRODUCTION

This is a summary document containing the requirements collected in the last months, after the last TCB. EGI Operations run a campaign for requirements collection directly addressed to site managers, from the middle of May to the beginning of July. The requirements as usual have been analysed by OMB and then prioritised. Where the requirements did not contain enough information, requester - or other NGIs representatives interested in the requirement- has been asked to provide more details.

## 2 LIST OF NEW REQUIREMENTS FOR TCB-7

### 2.1 All services should support high availability and load balancing

Two requirements for HA and LB: 2278 & 2279

The original requirements have been narrowed to a list of critical components that most need HA and LB features, with the agreement of the requester.

The components identified are:

HA: CREAM, MyProxy,

ARGUS (not originally in the ticket, but identified as a single point of failure for sites running pilot jobs)

LB: CREAM, FTS

Priority: **5**

### 2.2 1983 : Error messages from middleware

This requirement started reporting a generic need for error messages improving. OMB agreed to provide a set of problematic components. The most critical was identified as the authorization services LCAS/LCMAPS. The ticket contains a proposal about how to improve the log/error messages from the service.

This ticket – although different – is related to the #1202

Priority: **3**

### 2.3 2280 : Support for LSF

The requirement is to keep LSF supported by all CE implementation, in particular by BLAH and CREAM. In the past a similar requirement was already discussedd, and a survey has been run across all the sites to define the batch system deployment scenario in the EGI infrastructure. The survey had a good response (>60% of the sites answered) and the results will be forwarded to the TCB.

# 3 OTHER NEW REQUIREMENTS

## 3.1 1673 : SRMv1 to be removed from gLite DPM box

Currently SRMv1 service is installed on gLite DPM box. By default it starts on port 8443. Within EGI SA1 we have asked involved parties if anyone is still using it and it turned out that it is not used.

In order to save resources, and more in general to do not keep am unused service running, the requirement is to disable the protocol SRMv1 by default for DPM.

Proposed priority: **4**

## 3.2 2677 : VOMS publishes number of users

VOMS should expose methods that return the number of users and the number of suspended users, registered in that VOMS service, for suspended users more detailed information might be needed, like, for example: number of users suspended for security reasons or expired membership.

Some of these figures should be available in the information system to easily collect them.

Priority: **4**

## 3.3 2695 : Argus publishes itself in the information system

ARGUS (EMI versions 1.3.x) does not publish itself in the information discovery system. Even if it is a local service, the publishing of ARGUS is necessary for operational reasons, in order to monitor its deployment status in the production infrastructure.

Priority: **4**

## 3.4 2699 : Globus middleware publishes accounting data

Globus middleware should publish accounting data to the EGI.eu repositories. The accounting records for grid jobs submitted through Globus must be published using the current messaging infrastructure and format.

Priority: **5**

# 4 PREVIOUS REQUIREMENTS WAITING FOR AN ANSWER

In this chapter are listed the tickets that needed clarification already submitted in previous TCB meetings, and in general tickets that originated a discussion between technology providers and requester. Here there are only the tickets that have a comment from the requester waiting for an answer. TCB could accept the comments if they clarify enough the content of the requirement, ask for more clarifications, or reject the ticket if it ended to be out of scope.

- https://rt.egi.eu/rt/Ticket/Display.html?id=1186
  New features for target system
- https://rt.egi.eu/rt/Ticket/Display.html?id=1202
  Middleware services should uniform their logging format.
- https://rt.egi.eu/rt/Ticket/Display.html?id=1388
  Middleware providers should provide documentation on how to easily migrate stateful services from a machine to another (e.g. how to migrate databases and data files). Documentation on high availability configuration is also needed.
- https://rt.egi.eu/rt/Ticket/Display.html?id=1022
  Middleware components should get rid of obsolete dependencies, that could be not available in more recent s.o.
- https://rt.egi.eu/rt/Ticket/Display.html?id=881
  Support for VO/renaming/migration
- https://rt.egi.eu/rt/Ticket/Display.html?id=1282
  Requirement for VOMS/VOMSAdmin and for the accounting systems

## 5 REFERENCES

| R 1 | |
|-----|---|
| R 2 | |
| R 3 | |
| R 4 | |
| R 5 | |