



Enabling Grids for E-science

# Middleware Deployment and Support in EGEE III

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Information Society  
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- **To ensure that middleware updates move from certification and into production as quickly as possible, while also assuring that the updates are suitable for deployment in the production grid.**
  - This will involve not only the release of updates into the production repositories, but will also deal with the timely deployment of the updates to the production sites, where necessary (for example, the upcoming deployment of the CREAM CE).
- ***To clarify what we mean by “Middleware Support”.***
- **To publish a list of middleware services and service versions which are supported by SA1.**

- **The changes to the pre-production service are progressing well and further developments will be discussed during this conference** (*See Antonio's presentation after lunch*).
  - Basically, clients and services will only be tested for stress tolerance, functionality or scalability in a PPS-type environment on request.
  - “Deployability” (installation and configuration in pre-defined deployment scenarios) will always be tested in the PPS.

- The suggested definition for “middleware support” is *middleware deployment support*.
  - Essentially to ensure that:
    - Adequate processes are in place for defining what services/clients and versions of those services/clients will be supported by SA1.
    - Clear processes are defined for making both older versions of services obsolete and also for making entire services obsolete (for example classic SE, RB, etc.).
    - SA1 is involved in the definition of, and understands the processes for, raising bugs against the middleware and also for tracking the corresponding fixes through to the production service.

## Comments?

- **Create, with input from VOs, SA3 and sites, a list of supported middleware services and also the supported versions of those services. Agree how this list should be maintained.**
- **Put in place an agreed process for obsoleting old versions of services**
- **Put in place an agreed process for retiring services altogether (like the RB and classic SE?)**

- **Investigate the feasibility and, if appropriate, modify the middleware release process to avoid the artificial grouping of patches.**
  - Need to think about whether this will mean a significant increase in overhead effort (creation of release pages, etc.)
- **There are information providers being developed (some already in production) which will allow middleware services to publish their API versions.**
  - Would it be useful to publish other, service specific, information?
    - Metapackage versions?
    - RPM versions?
  - This information could be used to check if sites are running unsupported versions of services → SAM/Nagios tests?

- **These plus other deployment related topics will be discussed during the “gLite Release Process” session (SA3 + SA1 + JRA1), tomorrow at 11:00**

***SA1 should give as much input as possible to these discussions. Please go along!***