



Enabling Grids for E-science

Middleware Deployment and Support in EGEE III

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- **This sub-task can be considered as 2 sub-tasks:**
 - Middleware deployment
 - Middleware support

- The middleware deployment sub-task is heavily inter-dependent with the PPS and several points here are also covered in the slides for the Pre-production Service.

- **Mission:** 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.

- **Review and adapt release and deployment processes as necessary, to achieve “the mission”**
 - A draft proposal can be found here:
<https://twiki.cern.ch/twiki/bin/view/LCG/PreProductionUseCases>
- **In particular to adapt the current middleware release processes so that updates can be released as they become ready, rather than ‘artificially’ bundling the updates**
- **To move as many of the middleware deployment tasks as possible out of the OCC and into the regions.**

- **To get an early agreement from the main VOs on the proposed changes to the release process**
 - The proposal is based on current, “unofficial” practices by the VOs so hopefully not much negotiation will be needed.

- **When tasks are identified as being suitable to be moved out of the OCC and given to a ROC or site, volunteers will be needed.**

- *Mission:* TBD!

- **To clarify what we mean by “Middleware Support”**
- **To publish a list of middleware services and service versions which are supported by SA1.**
 - Other services or service versions can be run but at the site's own risk - support will not be given for these services/service versions

- **To get acceptance from the sites that we will not support all versions of the middleware ad infinitum.**
 - The SLD should help here.

- ***What will be the status of this component at the end of EGEE III?***
 - In stable, production mode with all procedures defined... but only for gLite!
- ***How will it be run?***
 - Middleware deployment: Distributed to several ROCs/sites
 - Middleware support: ???
- ***How will it be managed?***
 - For middleware deployment, once it is clear how “the baton” can be efficiently passed from one task to the next, it could be managed by a group of peers
 - Central coordination will be needed for strategy decision (significant changes to process, etc.)
- ***How will it be funded?***
 - Central funding
- ***Will it be stable? Or will it still have a plan for future development?***
 - Should be stable

Discussion, questions, comments...

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 - Even smaller
 - *Tiny weenie*
 - Micro bullet
 - Another Smaller Bullet
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 - Smaller bullet with hyperlink or http://egee