SA3 – INTEGRATION, TESTING AND CERTIFICATION

In the first phase of the EGEE project, integration, testing and certification activities were carried out by the JRA1 activity. In the second phase of EGEE, this has been made the subject of a new, dedicated, specific service activity, SA3. The goal of the SA3 activity is to manage the process of building deployable and documented middleware distributions, starting by integrating middleware packages and components from a variety of sources.

The activity provides well defined criteria for accepting components, and carries out testing and certification procedures to ensure that the middleware is as reliable, robust, scalable and usable as it can be. The goal of each release is to provide a deployable distribution to be handed over to the Grid Operations, Support and Management activity (SA1) for deployment. SA3 provides missing tools where appropriate and negotiates with middleware providers, both within the EGEE project and external to it, to provide missing functionality and services.

SA3 decouples the production of deployable middleware distributions from middleware developments internally and externally. Development of further middleware and services is driven by need and utility as determined by the users and operators via the Technical Coordination Group (TCG). SA3 lays out explicit criteria for software to comply with in order to be included in the EGEE middleware distributions. These criteria will include aspects of service management, security, documentation, installation and configuration. New middleware services and components are considered for inclusion in the distributions if there is either a requirement from applications or operations, or if the component has been demonstrated to provide additional useful functionality to EGEE. The TCG is responsible for providing guidance and agreement on the selection of such components.

The SA3 team works closely with the SA1 deployment and operations team, and the support staff from both SA1 and NA4 (Applications Identification and Support) to ensure that feedback from users through their Virtual Organisations, deployment and operations is acted upon rapidly. This interaction happens through the TCG.

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SA3 Webpage
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