

SA3

The goal of Enabling Grids for E-scienceE's (EGEE) 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 is responsible for the maintenance of the resulting gLite middleware distribution, along with coordinating testing, multi-platform and interoperability efforts within project.

As part of the gLite release process, SA3 maintains a build programme and a middleware configuration utility (Yaim). For its core certification activity, SA3 enforces well-defined criteria for accepting components (including aspects of service management, security, documentation, installation and configuration) and carries out testing and certification procedures to ensure that the middleware is as reliable, robust, scalable and usable as it can be.

SA3 decouples the production of deployable middleware distributions from middleware development. The activity provides missing tools where appropriate and otherwise negotiates with middleware providers, both within the EGEE project and external to it, to provide missing functionality and services. This is driven by need and utility as determined by the users and operators via the Technical Management Board. 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.

As part of the drive in EGEE to grid-enable more resources, SA3 is responsible for coordinating multiplatform support, batch system integration and interoperability initiatives within the project.

The SA3 team works closely with the SA1 deployment and operations team, to whom it hands over the gLite release, and with the support staff from both SA1 and NA4 to ensure that feedback from users through their Virtual Organisations, deployment and operations is rapidly addressed.

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For more information, please visit www.eu-egee.org