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The Integration Testbed of the Open Science Grid

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We describe the purpose, architectural definition, deployment and operational
processes for the Integration Testbed (ITB) of the Open Science Grid (OSG). The ITB
has been successfully used to integrate a set of functional interfaces and services
required for the OSG Deployment. Activity leading to two major deployments of the OSG
grid infrastructure. We discuss the methods and logical architecture used to couple
resources and effort from participating VO's to build a common test infrastructure
that could be used for validation by site administrators, Grid service providers, and
application framework developers. Details of service performance, validation tests,
and application performance using the deployed Grid infrastructure are also given.

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