

Memorandum of Understanding

*Between the StratusLab and IGE Projects
Version 1.4: 21 September 2011*

1. Project Information

1.1. IGE

The Initiative for Globus in Europe, IGE, serves as a comprehensive service provider for the European e-infrastructures regarding the development, customisation, provisioning, support including training, and maintenance of components of the Globus Toolkit, in close collaboration with the European Grid Initiative (EGI), Distributed Computing Infrastructure (DCI) projects, and Standard Development Organisations (SDOs).

1.2. StratusLab

StratusLab develops and provides a comprehensive, open source cloud distribution that allows resource center administrators to deploy private and/or public clouds. The primary focus of StratusLab is to ensure that its cloud distribution is well adapted to running EGI grid services. The project runs a certified, production EGI grid site as well as a reference cloud infrastructure to verify that the project's software meets the requirements of grid site administrators and of end-users.

1.3. Common participants

The Universidad Complutense de Madrid (UCM) is a partner of both projects and can naturally act as a liaison between the two projects for administrative and technical collaboration.

2. Purpose

A close collaboration between IGE and StratusLab will allow both projects to leverage synergistic cloud and Globus grid developments that potentially already exist and will emerge as part of their work. In addition, both projects already work closely with EGI, and this will enable StratusLab and IGE to coordinate and exploit any mutually advantageous approaches in that context.

3. Work Plan

3.1. Exchange of Appropriate Requirements

StratusLab will provide to IGE appropriate requirements and architecture for Grid sites taking advantage of Cloud concepts and technologies, and IGE will provide appropriate requirements from Globus-based infrastructures to StratusLab.

3.2. Provision of SaaS/PaaS for Globus services and tools

StratusLab and IGE to provide appropriate Globus services and tools as Software as a Service (SaaS) or Platform as a Service (PaaS) deployed on the StratusLab Platform e.g. GridWay, etc. The services and tools to be provided will be decided based on those most beneficial for European Globus users.

3.3. IGE Released Globus Appliances for the StratusLab Marketplace

StratusLab and IGE will work together (at a technical level) on cloud-enabling of Globus services and tools using the StratusLab distribution.

IGE will work with StratusLab to provide IGE releases within a StratusLab VM supplied and signed by IGE and made available through the IGE repository. Each repository URL, with the required StratusLab metadata, will be made available for publishing on the StratusLab Marketplace. IGE will provide feedback to StratusLab on the process of developing and supplying VMs for the Marketplace.

3.4. IGE Software Certification within StratusLab Cloud

IGE will test the IGE VM releases within the StratusLab Cloud Platform delivery framework, using mutually agreed releases of StratusLab. IGE will provide feedback to StratusLab on the results of testing.

3.5. Common Training Events

Both projects have a strong connection to the EGI user community and will be providing training and informational events for it. To maximize the impact, reduce the demands on attendees, and minimize costs, both projects will endeavour to hold such events in common when possible.

3.6. Dissemination of Collaboration Successes

Where the collaboration between the two projects yields a successful outcome, this should be disseminated through each project's channels as a successful mutual endeavour.

4. Schedule


Work Plan Activity	Description	Time Due
3.1	Exchange of Appropriate Requirements	Q4 2011
3.2	Provision of SaaS/PaaS for Globus services and tools	Q4 2011
3.3	IGE Released Globus Appliances for the StratusLab Marketplace	Q4 2011
3.4	IGE Software Certification within StratusLab Cloud	Q1 2012
3.5	Common Training Events	Q2 2012


5. Contacts

	StratusLab	IGE
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6. Signatures

The following agree to the terms and conditions of the MoU:


Charles LOOMIS
StratusLab Project Coordinator


Helmut HELLER
IGE Project Director

Date:

Date: