

Workshop: IGE Appliances for Grid Administrators and Users

Wednesday, 19 September 2012 14:00 (1h 30m)

Wider impact of this work

This contribution is of relevance to both grid administrators and end-users. This workshop will give practical insight on what is released by IGE as appliances. These appliances can be further used to easily and rapidly setup a grid environment based on GT 5.x, either for training purposes or for production use.

Printable Summary

The workshop is focused on the presentation of the appliances (virtual machines) provided by IGE to the European Grid ecosystem. It targets both, service providers and end-users, and it will cover the topics:

- An introduction to the components packaged by IGE (both software adaptations and GT5.x)
- IGE appliances available on the StratusLab Marketplace
- Short demo on how to setup a GridFTP, a GRAM5, or a GridWay etc. machine based on our appliances

The demo will also show the smooth integration of the IGE packaged software with the various operating system distributions. For that, the installation and configuration of an IGE component will be performed from scratch.

Description of the work

The workshop is focused on the presentation of the appliances (virtual machines) provided by IGE to the European Grid ecosystem. It targets both, service providers and end-users, and it will cover the topics:

- * An introduction to the components packaged by IGE (both Globus Toolkit 5.x and software adaptations): Major functionality covered by the IGE packaged software will be briefly introduced: file transfer (GridFTP), job management (GRAM5), meta-scheduling (GridWay) etc.
- * IGE appliances available on the StratusLab Marketplace:

IGE releases appliances with pre-installed GT 5.x software. They will be introduced in this workshop.

- * Short demo on how to setup a GridFTP, a GRAM5, or a GridWay etc. machine based on our appliances

The demo will also show the smooth integration of the IGE packaged software with the various operating system distributions. For that, the installation and configuration of an IGE component will be performed from scratch.

Link for further information

<http://www.ige-project.eu>

Primary author: Dr LUCIAN MUNTEAN, Ioan (UTC)

Co-author: Dr COLESA, Adrian (Technical Univesity of Cluj-Napoca)

Presenter: Dr LUCIAN MUNTEAN, Ioan (UTC)

Session Classification: Cloud Management Solutions

Track Classification: Virtualised Resources: challenges and opportunities (Michel Drescher: track leader)