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EGEE SEE Certification, Installation Support Team

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Information Society
and Media
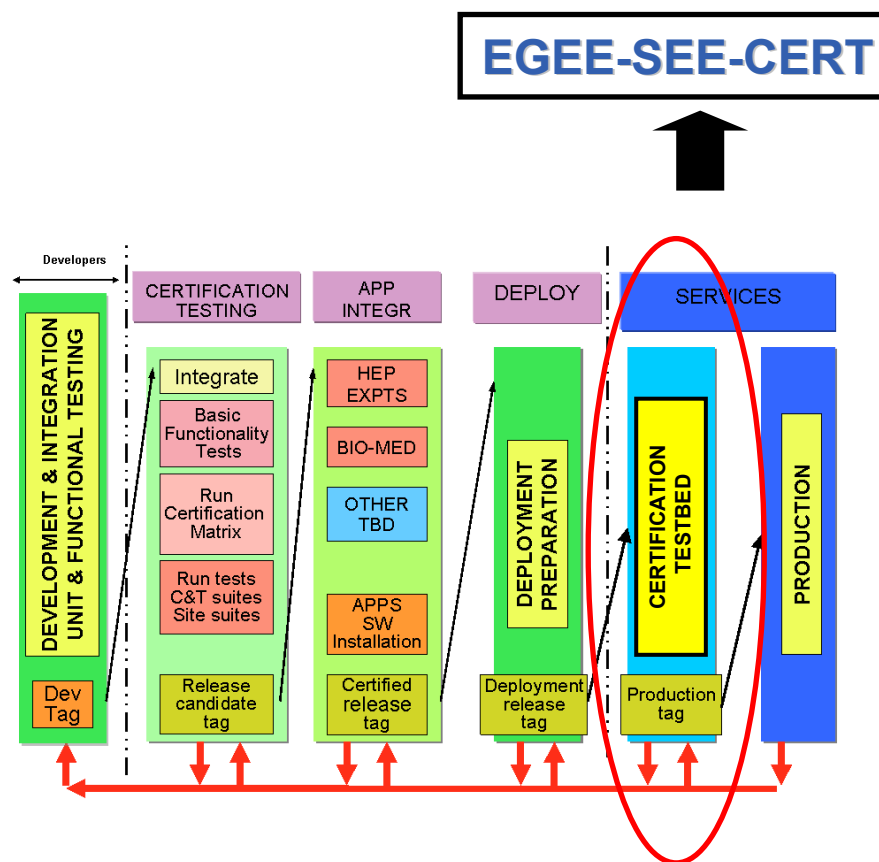
- **Installation and Operation of Certification/Installation test bed**

UOA financed a full upgrade of the site, from January 2006 the certification test bed is deployed in 8 rack-mountable Dell SC1425 servers (3.0 GHz EMT64 Xeon CPU)

- **Middleware certification.**
  The certification team provides the following on the certification test-bed:
  - **Verifies that the software is installable and configurable in the expected configurations of the SEE production sites;**
  - **Verifies basic functionality and stability of the middleware;**
  - **Performs regression testing, based on a matrix of certification tests**
  - **Builds validation tests for sites to run on installing the middleware release**

EGEE-SEE-CERT

- **Initially the release was tested after it was released. The certification site had to complete the testing process before the production sites started the installation but after it was released.**
    - LCG 2.4.0 March 2005
    - LCG 2.5.0 June 2005
- **The process of using the certification site to certify a release before given to production started fall 2005. Since then two releases were certified:**
    - LCG 2.6.0, July 2005
    - LCG 2.7.0, January 2006

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Enabling Grids for E-sciencE

- **Installation Support**

  - Define configuration/installation procedures and guidelines
  - Provision of relevant documentation of the above

  Releases Supported: LCG 2.4.0, LCG 2.6.0, LCG 2.7.0

Enabling Grids for E-sciencE

- **Support IASA in the operations of the HG02-Athens2**
  - Provide the network infrastructure and Gigabit access to IASA site

- **Certification Team Web Site: gridctb.uoa.gr**

Enabling Grids for E-sciencE

- **EΠ 1 Certification/Installation Site**
  - EΠ 1.1 Stable test bed deployed March 2005
  - EΠ 1.2 Major upgrade January 2006
- **EΠ 2 Testing Guide**
  - EΠ 2.1 Testing Guide
- **EΠ 3 Porting Guide**
  - EΠ 3.1 Porting Guide
- **EΠ 4 Installation Guide**
  - EΠ 4.1 Installation Guide for LCG 2.4.0
  - EΠ 4.2 Installation Guide for LCG 2.6.0
  - EΠ 4.3 Installation Guide for LCG 2.7.0 (Pending)
- **EΠ 5 Final Report** (Pending)

Enabling Grids for E-sciencE

- **Certification suite for SEE**
  - Downlodable from gridctb site
- **gLite**
  - gLite deployment
  - Testing new gLite components (FiReMan, gLite I/O)
  - Performance comparison between various RDBMS backend (MySQL, Oracle)
- **Deployment of Central Services**