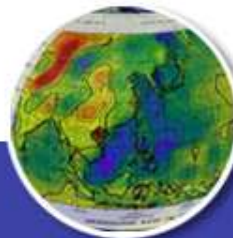




Administration Tutorial Overview



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EUAsiaGrid Summer School 2009 (EAGSS09)
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Admin Tutorial Overview

www.euasiagrid.org



- **Introductory Site Administrators Course**
- **Goals is to train participants**
 - Install and configure gLite components.
 - Site management and Grid operation.
 - Set up a EUAsiaGrid resource centre.

Schedule

www.euasiagrid.org



- **Monday**
 - Overview of the gLite Middleware and Site Architecture
 - Installation and Configuration Tools: YUM & YAIM
 - User Interface Installation
 - Computing Element Installation

- **Tuesday**
 - Storage Element Installation
 - MON Installation
 - LFC Installation
 - Troubleshooting

Schedule

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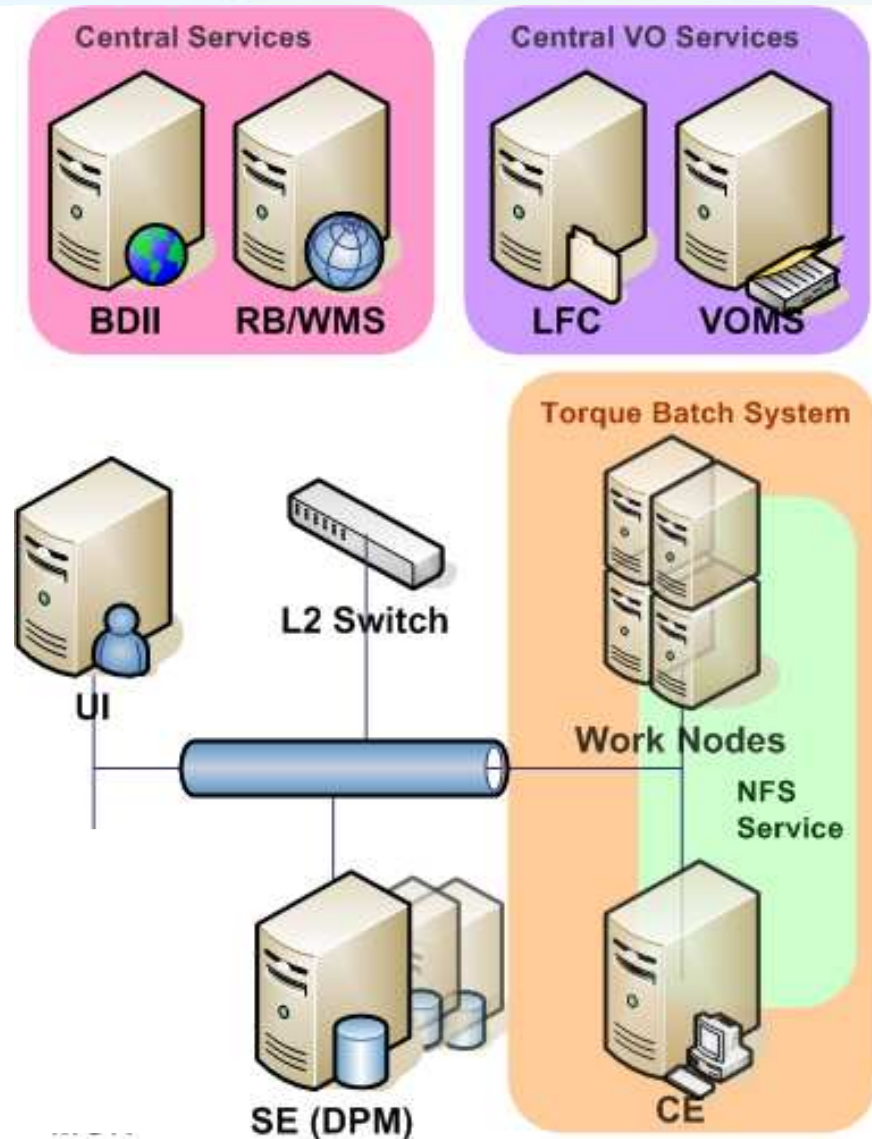
- **Wednesday**
 - EUAsiaGrid and EGEE Operations
 - New Site Registration and Certification
 - Discussion
- **Thursday**
 - Remote Installation of remote EUAsiaGrid Site
- **Friday**
 - Remote Installation of remote EUAsiaGrid Site

Central Service Installed

www.euasagrid.org



- **bdii.euag.org**
 - Top Level BDII
- **ui.euag.org:**
 - User Interface (UI)
 - LCG File Catalog (LFC)
- **ce.euag.org:**
 - Site BDII
 - Computing Element (CE)
 - Worker Node (WN)
- **wms.euag.org: WMS**
- **dpm.euag.org: DPM**
- **wnb.euag.org: WN**
- **wnc.euag.org:WN**

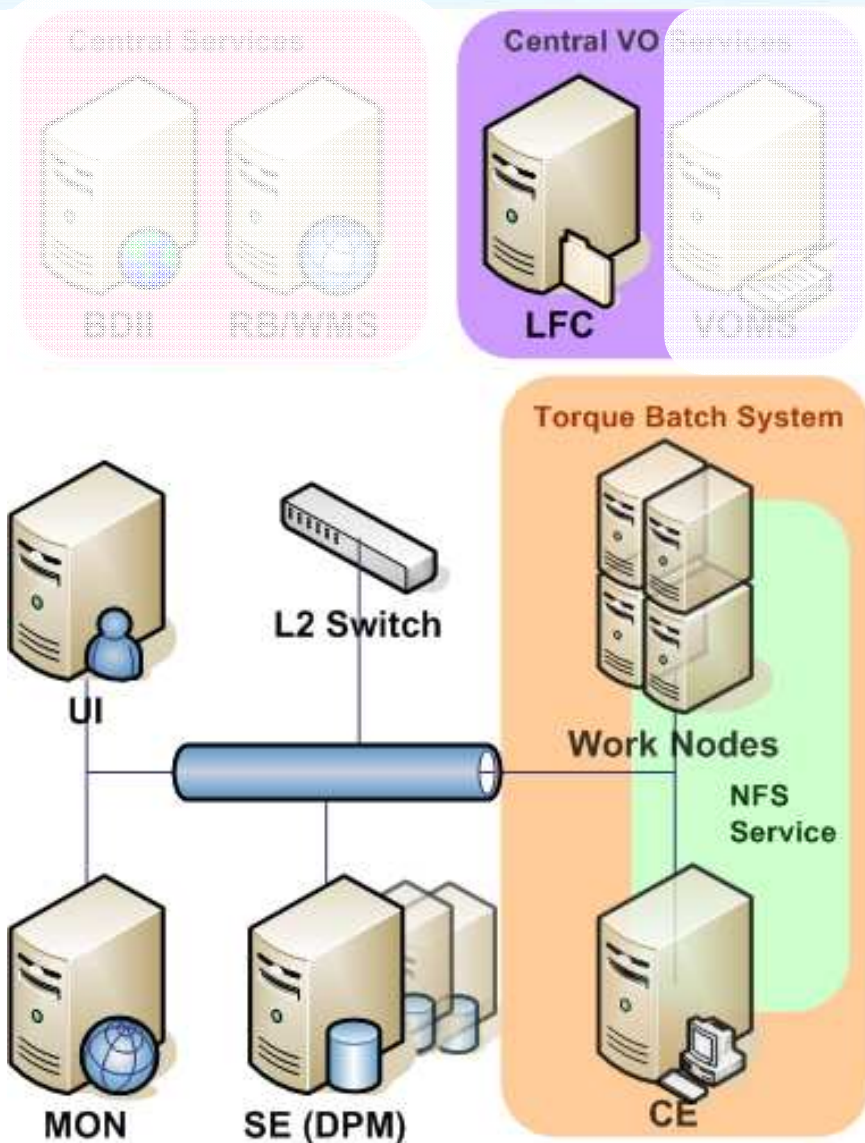


Participant Installs

www.euasagrid.org



- **gridXX.euag.org**
 - **XX** is your participant ID
 - Install Grid Services one by one
 - User Interface
 - Site BDII, CE, WN
 - Disk Pool Manager
 - MON
 - LFC
 - (Same hostname and IP!)

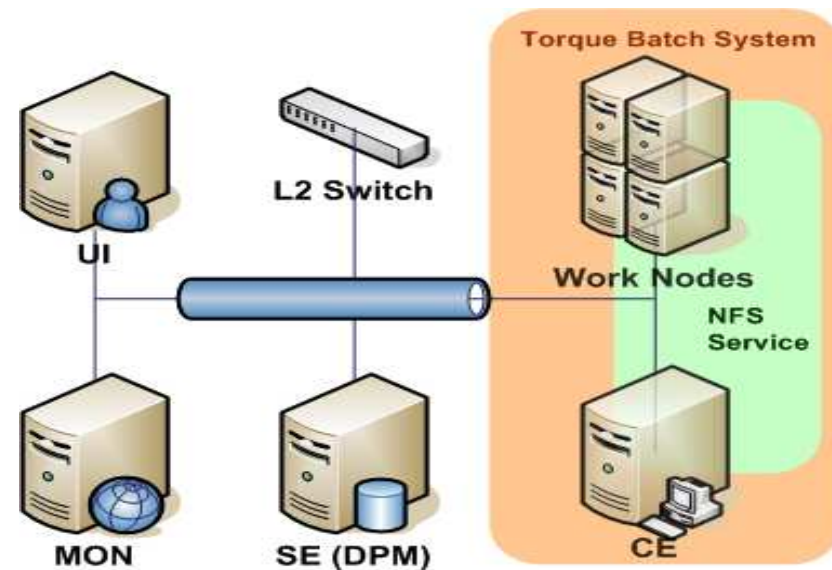


Remote Site Installation

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- **Establish production grid resource center**
 - Set up UI,CE,WN,SE, and MON
 - Register with EGEE through APROC
 - Site certification process



Tutorial Material

www.euasiagrid.org



- **Agenda and slides:**
 - [http://indico.twgrid.org/conferenceTimeTable.py?confId=703 /](http://indico.twgrid.org/conferenceTimeTable.py?confId=703/)
- **Wiki hands-on instructions:**
 - [http://lists.grid.sinica.edu.tw/apwiki/Project/UPM_Tutorial_Jul_2009_Instructions /](http://lists.grid.sinica.edu.tw/apwiki/Project/UPM_Tutorial_Jul_2009_Instructions/)
 - Commands and instructions for practical
- **Tutorial Worksheets**
 - Practical account and site setup information