



Enabling Grids for E-science

## SA3-INFN Status Report

## SA3 All Hands Meeting

Dublin December 11<sup>th</sup> - 12<sup>th</sup> 2007

[www.eu-egge.org](http://www.eu-egge.org)



EGEE-II INFSO-RI-031688

- ***A Isf CE machine + 2 nodes:***
  - 1 Isf server: hostname = wmstest-ce02.cr.cnaf.infn.it
  - 1 CE : hostname = wmstest-ce06.cr.cnaf.infn.it
  - 2 WN: hostname = wmstest-ce03.cr.cnaf.infn.it, wmstest-ce04.cr.cnaf.infn.it
  - 1 siteBDII: hostname = wmstest-ce05.cr.cnaf.infn.it
  - Two supported VOs: dteam and ops
  - 3 queues: short, long, infinite
- ***A site BDII: wmstest-ce05.cr.cnaf.infn.it***
- ***Previously an HLR server, only upgraded to SLC4 for now***
  - wmstest-ce07.cr.cnaf.infn.it

- ***installed Lcg-CE on wmstest-ce06.cr.cnaf.infn.it:***
  - using yaim for SLC4 from Di
  - following instructions at <https://twiki.cern.ch/twiki/bin/view/LCG/GenericInstallGuide310>
  - here's the worklog: <https://twiki.cern.ch/twiki/bin/view/EGEE/CE-Lsf-SA3-INFN>
- ***installed a site BDII: wmstest-ce05.cr.cnaf.infn.it***
  - using yaim for SLC4
  - here's the worklog: [https://twiki.cern.ch/twiki/bin/view/EGEE/INFN\\_site\\_bdii](https://twiki.cern.ch/twiki/bin/view/EGEE/INFN_site_bdii)
  - URL: `ldap://wmstest-ce05.cr.cnaf.infn.it:2170/mds-vo-name=,CTB-SA3INFN,o=grid`
- ***Installed two gLiteWN: wmstest-ce03.cr and wmstest-ce04.cr***

- ***Installed a CREAM CE on devel03.cnaf.infn.it:***
  - using new repo from CERN and new yaim scripts
  - Here's the worklog:  
<https://twiki.cnaf.infn.it/cgi-bin/twiki/view/EgeeJra1It/WorkLogDevel03>
- ***Tested the forward parameters to the batch system feature on the CREAM-CE***
- ***Some testing to make sure that APEL works also on the CREAM-CE, stopped due to the following APEL bug:***
  - *Problem in parsing Isf accounting logs savannah bug #30041*

- *devel10.cnaf.infn.it and devel09.cnaf.infn.it are open to users from the applications (such as CMS, atlas, alice, etc...) to try the latest patches from developers before they go to certification*
- *They are currently installed with patch #1251 and devel10.cnaf.infn.it supports the jobdir feature*
- *During past months some troubleshooting of both the two WMS SLC3 was done*

- *Quite some time was spent to finalize the installation and configuration scripts for the WMSLB on SLC4*
- *Installed two machines with WMSLB SLC4 at CNAF:*
  - *devel14.cnaf.infn.it*  
*<https://twiki.cnaf.infn.it/cgi-bin/twiki/view/EgeeJra1It/WorkLogDeve>*
  - *devel16.cnaf.infn.it*  
*<https://twiki.cnaf.infn.it/cgi-bin/twiki/view/EgeeJra1It/WorkLogDevel16>*

- *Continue supporting the WMS experimental services SLC3 on devel09 and devel10*
- *Install a new WMS SLC4 to be used as experimental service by the applications (CMS, ATLAS, ALICE, etc..)*
- *Continue supporting Lcg-CE to perform certification work*
- *Continue supporting and testing the CREAM-CE until it's ready for certification*

- ***We are having problems with the lcg-CE Isf installation on `wmstest-ce06.cr.cnaf.infn.it`:***
  - sometimes it works and sometimes it does not. It seems that the grid-manager-monitor does not always realize the jobs are finished causing them to stay in status 'Scheduled' for a long time.
- ***WMSLB SLC4:***
  - a stable repository for the WMSLB that is kept in synch with ETICS tags would be needed
  - it would be useful both for INFN and Imperial so that they could install and test new WMSLB patches more quickly