



Status of the INFN - EDG testbeds

Alessandro Italiano

alessandro.italiano@cnafe.infn.it

7th DataGrid Conference

Heidelberg

26/9 – 1/10/2003

INFN's testbeds

- EDG Application testbed
 - CNAF and Padova
- INFN/EDG Development testbed focused on WP1 software
 - CNAF, Milano, Catania, Cagliari and Ferrara
 - Goals:
 - Stress testing of the WP1 services and interface with the other WPs services
 - Test the WP1 rpms before their release to speed up the integration process
 - Experiment's applications used

Resources in EDG Application testbed

- CNAF @ EDG 2.0.5:
 - CE, SE, UI, 2WNNs, NE and MonBox
- Padova @ EDG 2.0.5:
 - CE, SE, UI, 5WNNs, NE and MonBox
- No core services

INFN/EDG Development testbed Resources and Organization

Resources:

- CNAF:
 - RB, BDII, TopMDS, RLS, MyProxy, CE, SE, UI, WNs
- Milano:
 - RB
- Catania:
 - RB, CE, SE, UI, WNs
- Cagliari:
 - CE, SE, UI, WNs
- Ferrara:
 - CE, SE, UI, WNs

Organization

- Elisabetta Ronchieri as member both of Iteam and WP1 decides:
 - What development tag deployed by Iteam must be installed on the testbed
 - When only WP1 rpms must be upgraded
- WP1 members suggest what kind of tests to do
- The INFN testing group checks the new features and reports problems

NOTES:

- Information System: MDS
- RLS server configured

INFN/EDG Development Testbed Results

- Several bugs have been found out and fixed
- Tested the interaction between WP1 and WP2 for data management
 - Jobs with the InputData and the OutputData attributes work
- The Babar Simulation Production Software has been tested on the testbed infrastructure. Jobs have been successfully executed using the standard EDG mechanisms as well as by means of the Genius portal
- Incoming tests
 - MPI jobs (they will start as soon as possible)
 - Interaction with VOMS (once the WP1 changes have been deployed)
- Future tests
 - DAG (job partitioning)
 - DGAS (in Torino) (Accounting)