

# Integration and Sites

Rob Gardner  
Area Coordinators Meeting  
2/5/09

# Current Initiatives

- Establishing infrastructure at Caltech
- New dedicated ITB machines installed at UC
- VTB, ITB testing, release testing
- Documentation alignment focus

# Current ITB Schedule

- ITB being managed by Suchandra Thapa
- ITB 0.9.2 – the update to OSG 1.0 (VDT 1.10.1)
- Updates for GIP, GUMS, Glexec, Bestman
- Early ITB sites deploying now

Date		Task
Jan 7, 2009		VDT ready for testing
Jan 7-12		Install on VTB sites
Jan 12-31, 2008		Install on ITB sites
Feb 1-15		Validating ITB sites
Feb 15 - Feb 28		VO Validation
Mar 2 - Mar 6		Production packaging and final checks
Week of Mar 9		Release

# Caltech ITB

- two physical front ends
  - `osg-itb.ligo.caltech.edu` & `osg-vtb.ligo.caltech.edu` up and running
- `osg-itb` hosts `osg-job` and `osg-ce` as virtual machines
- `osg-vtb` hosts `osg-ldg` and `osg-se` as virtual machines
- 13 internal compute nodes up and running
- created a 24 TB GFS partition currently mounted at `osg-itb`
- created a 1TB GFS partition utilized by `$OSG_DATA` and `$OSG_APP` mounted by all nodes
- created a 1TB `$HOME` partition ( currently ext3 over NFS, will be GFS) mounted by all nodes
- Redhat Cluster Suite is managing the cluster

# Caltech ITB

- VDT installed on osg-itb
- VDT-Client installed on remaining 5 frontends
- Received and installed all grid host certificates for all six frontends
- opened access for test user Britta Daudert
- End of December ran E@H stress
- The next steps:
  - installation and configuration of SRM
  - move some LIGO test data into SRM for Britta
  - installation of Condor
  - support Britta doing Pegasus runs on local data
  - support Britta to submit E@H jobs to the OSG using osg-itb

# VTB work at LBL (Jeff Porter)

- See summary of activities attached to meeting page
- Focus on VTB testing of GUMS, Glexec, GIP

# Documentation Alignment Initiative

- Goals of the documentation alignment being redefined
  - Review the documentation available for users, engagement, site, VO and security administrators and training schools and identify areas where we can make more consistent, complete and aligned information
  - Improve the structure and maintenance of the twiki web site itself. The existing twiki-based documentation is in a mixed state. Some *twiki webs* contain documentation from working groups in various developmental stages and degrees of quality. Some have been carefully reviewed and of are relatively high quality.
  - A third goal is to provide ways for dynamic comment and editing for immediate contributions
- Jim Weichel from FNAL to help define processes and orchestrate migration