



WG-1 Report

Deliverables:

- ◆ D 1.1 : done
- ◆ D 1.2 : done (Guidelines for resource integration)
- ◆ D 1.3 : done (Production Grid)
- ◆ D 1.4 : MPI applications on Grid
 - to be finished mid of October 2007
 - Reference-Installation MPICH2 at UDO-Grid

VO-Management:

- ◆ New procedures and configuration-help for local user-management
 - Including mappings for dCache, OGSA-DAI, Unicore and capabilities for user management in clusters and storage nodes

dCache:

- ◆ Installation of dCache on astrodata-storage
 - Currently in the last throes of debugging

SoftEnvironment

- ◆ Modules for various use cases designed and applied
- ◆ Generic approach to problem of providing suitable environment for grid-users on varying resources
- ◆ Definition of a default set of libraries, programs (e.g. graphics facilities) and tools (e.g. compilers)



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Deployment:

- ◆ Procedures for installing additional software components only required required by jobs on the fly
- ◆ Some UseCases already applied this approach

Information providers:

- ◆ for complete information of available Grid services
- ◆ for usage of allocated resources and consumption of CPU cycles
- ◆ for consumption of disk space and amount of network traffic

Support for grid resource administrators

- ◆ Installation and configuration guides
- ◆ Update procedures of installed Grid middleware components
- ◆ Improvement of intrusion prevention

Improvement of grid user support

- ◆ Guidelines for users
- ◆ Hands-On workshops for grid users in the community