

DIRAC 4 EGI Pilot Status

*A. Tsaregorodtsev,
CPPM-IN2P3-CNRS*



- ▶ 4 virtual hosts
 - ▶ dirac.egi.eu
 - ▶ dirac-config.egi.eu
 - ▶ dirac-wms.egi.eu
 - ▶ dirac-dms.egi.eu
- ▶ MySQL database server
- ▶ 1 TB mounted disk storage

- ▶ Base configuration and security sensitive services
 - ▶ Configuration master
 - ▶ ProxyManager
 - ▶ SecurityLogging
 - ▶ UserProfile

- ▶ Databases are in the external MySQL server
 - ▶ ProxyDB will be set up in the dirac-config.egi.eu local MySQL

- ▶ Access should be limited compared to other servers

- ▶ Workload Management components
 - ▶ Services
 - ▶ JobManager, JobLogging, JobStateUpdate, Matcher, SandboxStore, etc
 - ▶ Agents and executors
 - ▶ SiteDirectors, JobCleaning, Optimizers, etc
- ▶ External MySQL
- ▶ Needs mounted storage
 - ▶ Sandboxes

- ▶ Data Management components
 - ▶ FileCatalog
 - ▶ StorageElement
- ▶ Accounting services
- ▶ Monitoring services
- ▶ External MySQL server
- ▶ Needs mounted storage
 - ▶ Storage Element
 - ▶ Monitoring databases

- ▶ **Web portal**
 - ▶ Now installed the current production Web portal
 - ▶ Responding to `http(s)://dirac.egi.eu`
 - ▶ The new framework Web portal is provided through the University of Barcelona catch-all service

- ▶ **All the servers are running**
 - ▶ Configuration slave services
 - ▶ SystemAdministrator service

- ▶ Currently 3 groups are defined
 - ▶ dirac_admin
 - ▶ Usual “root” user group
 - ▶ dirac_user (dirac_pilot)
 - ▶ Associated with vo.idgrilles.formation.fr VO
 - ▶ Used for testing purposes
 - ▶ wenmr_user
 - ▶ Associated with enmr.eu VO
 - ▶ User account wenmr_robot is defined
- ▶ To be decided
 - ▶ More groups to be defined
 - ▶ Avoid overlap with France-Grilles DIRAC
 - ▶ More users to register

- ▶ 7 sites are configured
 - ▶ The mostly used by WeNMR/Haddock tests in FG-DIRAC

- ▶ More sites/CEs/queues to be added
 - ▶ Per VO served
 - ▶ Tedious work, more tools needed to help administrators
 - ▶ Command line
 - ▶ CE2CS agent to work more efficiently with multi-VO
 - VO related tags

- ▶ DIRAC-USER Storage Element
 - ▶ Grid Storage Element to be configured
 - ▶ Per VO served
 - ▶ Will need thorough testing

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- ▶ Basic Workload Management Functionality is operational
 - ▶ Simple jobs with sandboxes
 - ▶ Jobs from enmr.eu
 - ▶ Basically ready to migrate the WeNMR/Haddock application from FG-DIRAC to EGI-DIRAC
 - ▶ After more tests of the configured sites
 - ▶ Can be done next week
 - ▶ Storage Elements to be tested
 - ▶ Other services to be tested
 - ▶ Accounting, Monitoring, etc

- ▶ Confirm WeNMR/Haddock application on EGI-DIRAC
- ▶ Decide which other VO's to be enabled in the service
 - ▶ Configure new VO's
 - ▶ Configure the corresponding resources
- ▶ Define client environment
 - ▶ *egi* installation
 - ▶ `dirac-install -V egi`
- ▶ Organize operations
 - ▶ Administrators, docs, mailing lists, forums, training, etc