Outline

This is a preliminary outline of the ETICS Service Deployment HowTo:

- **Deployment Preparation: what you need in advance**
  - hardware (server nodes, WNs, disk, etc.)
    - CERN: All the hardware is present in the CERN Computer Center.
    - INFN
    - UoW
  - network requirements (firewalls, etc.)
  - CA/host/user certificates?
    - The CERN CA provides the required certificates upon request.

- **Deployment Installation: all install information**
  For simple ETICS deployment:
  - Condor
  - NMI
  - MySQL
  - httpd
  - Tomcat
  - Apache port redirector
  - CA
  - Build-System WebService
  - Build-System WebApplication

- **Deployment Configuration: all configuration information**
  For simple ETICS deployment:
  - Condor
  - NMI
  - MySQL
  - httpd
  - Tomcat
  - CA (need to add the testing certs, for tutorial and testing)
  - Build-System WebService
  - Build-System WebApplication

- **Deployment Issues: issues to consider**
  - security
  - roles

- **Service Administration: another task for another time... but linked from here**
  - NMI archive disk cleaner
  - Root space usage

- **Upgrade procedure**
  - Stop the ETICS production service
  - Migrate the DB
    - Migrate metadata
    - Update the certificates in the new production machine DB
    - Migrate the NMI DB??
    - Migrate the myproject DB?? (Do we really want fake projects in the production DB?) - (yes MebSter)
  - Move the NMI Worker Nodes to the new production machine
  - Start all the services
  - Verify everything works fine:
Connect to the different services (WS, WebApp, repositoryBrowser, reportBrowser, NMI interface, ...)

Test it (building locally/remotely, registering artefacts, editing, etc ...)

Sync the DNS

When helpful, existing content should be copied from the D2.2 document and updated.

-- MarianZUREK - 26 Oct 2006

And here are the modules composing the ETICS Server-side Service:

- NMI
- Condor
- MySQL (software + data)
- CAs
- Build-System Web Service
- Build-System Web Application
- Build Reactor (deprecated)
- Web Reactor (deprecated)
- Repository Browser
- Report Browser
- Administration Web Application
- !MyETICS (not available yet)

-- MebSter - 15 Mar 2007

This topic: ETICS > DeploymentHowTo