

Outline

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

- DeploymentPreparation: 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.)
 - ◇ FirewallPorts
 - ◆ CA/host/user certificates?
 - ◇ The CERN CA provides the required certificates upon request.
- DeploymentInstallation: all install information

For simple ETICS deployment:

 - ◆ Condor
 - ◆ NMI
 - ◆ MySQL
 - ◆ httpd
 - ◆ Tomcat
 - ◆ Apache port redirector
 - ◆ CA
 - ◆ Build-System Webservice
 - ◆ Build-System WebApplication
- DeploymentConfiguration: 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
- DeploymentIssues: issues to consider
 - ◆ security
 - ◆ roles
- ServiceAdministration: 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:

DeploymentHowTo < ETICS < TWiki

- ◇ 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* (depricated)
- *Web Reactor* (depricated)
- Repository Browser
- Report Browser
- Administration Web Application
- *!MyETICS* (not available yet)

-- MebSter - 15 Mar 2007

This topic: ETICS > DeploymentHowTo
Topic revision: r11 - 2007-03-15 - MebSter



Copyright &© 2008-2022 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback