

Services Installation Summary

Server Installation

Installation Guide is available under link <https://edms.cern.ch/document/858578/>

Following the Installation Guide should lead to the successful installation of the ETICS Services. In case you want to perform one-go installation please use the short procedure below. **Attention:** the host certificates should be provided by the site associated CA. The scenario below has been tested on the nodes running at CERN. Some modifications might be needed for non-CERN installations.

Prepare the virtual machine for the server following the instructions at [SA1Virtualization](#). mkdir ETICS_installation
cd ETICS_installation

```
wget 'http://eticsoft.web.cern.ch/eticsoft/internal/public/dist/Release/production/install_configure_importData.sh' -O  
install_configure_importData.sh.sh
```

- make sure that host certificates are installed on the target node under: /etc/grid-security. The ETICS server host certificates are located under: /afs/cern.ch/project/etics/internal/private/HostCertificates/{hostname} (for CERN).
mkdir /etc/grid-security
mkdir /etc/grid-security/repository_certificate
- Login onto lxplus and copy host certificates
cd /afs/cern.ch/project/etics/internal/private/HostCertificates/lxetvm0041.cern.ch

```
scp -2 * root@lxetvm0041.cern.ch:/etc/grid-security
```

- Perform the same operation for repository certificates
cd /afs/cern.ch/project/etics/internal/private/HostCertificates/lxetvm0042.cern.ch

```
scp -2 * root@lxetvm0041.cern.ch:/etc/grid-security/repository_certificate
```

From the target nodes install_configure_importData.sh server

After the successful completion of the installation/configuration you should be able to connect to the ETICS portal at (as in the example):

<https://lxetvm0041.cern.ch/eticsPortal/>

In case of troubles, errors, misconfigurations -- please contact: Marian.ZUREK@cernSPAMNOT.ch

- access for AA, ADM, LD, ARP, eticsadm in the /afs/cern.ch/project/etics/internal/private/HostCertificates
- as above for ssh keys TBIncorporated into the image(s)

Repository Server Installation mkdir ETICS_installation

```
cd ETICS_installation
```

```
wget 'http://eticsoft.web.cern.ch/eticsoft/internal/public/dist/Release/production/install_configure_importData.sh' -O  
install_configure_importData.sh.sh
```

- make sure that host certificates are installed on the target node under: /etc/grid-security. The ETICS server host certificates are located under: /afs/cern.ch/project/etics/internal/private/HostCertificates/
Unknown macro: {hostname}

```
mkdir /etc/grid-security
```

- Login onto lxplus
cd /afs/cern.ch/project/etics/internal/private/HostCertificates/lxetvm0042.cern.ch

```
scp -2 * root@lxetvm0042.cern.ch:/etc/grid-security
```

From the target nodes install_configure_importData.sh repository

After the successful completion of the installation/configuration you should be able to connect to the repository webservice at (as in the example):

<https://lxetvm0042.cern.ch:8443/repository/download/>

Most likely there is not data present in the database, so not much can be consulted.

TBD

- database data upload
- filesystem (JackRabbit) data upload

In case of troubles, errors, misconfigurations -- please contact: Alberto.Resco.Perez@cernSPAMNOT.ch

Attaching a Worker Node (WN) to the Server

We assume that the WN is existing and operational. As an example we use `lxetvm0043.cern.ch`
`ssh -2 root@lxetvm0043.cern.ch`
`service condor.boot stop`

edit `/etc/condor/condor_config.local` and change **CONDOR_HOST = lxetvm0041.cern.ch**
`service condor.boot start`

Open the web browser with address: <http://lxetvm0041.cern.ch/nmi>

and click on the "Pool Status" (left column). The WN should be listed there.