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 [SA1 Virtualization](https://edms.cern.ch/document/858578/).

```bash
mkdir ETICS_installation
cd ETICS_installation

• 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

    cd /afs/cern.ch/project/etics/internal/private/HostCertificates/lxetvm0042.cern.ch
    scp -2 * root@lxetvm0042.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@cern.SPAMNOT.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

```bash
mkdir ETICS_installation

cd ETICS_installation

• 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

    cd /afs/cern.ch/project/etics/intenal/private/HostCertificates/lxetvm0042.cern.ch
    scp -2 * root@lxetvm0042.cern.ch:/etc/grid-security/repository_certificate

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
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.