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How to recreate and download ETICS images for EMI

How to recreate an ETICS SL5 or SL6 image

The ETICS images are a basic installation of SL5 or SL6 plus EPEL repositories.

Detailed steps:

- 1.- Download and install the SL image: <http://www.scientificlinux.org/download>
 - ◆ Current ETICS systems is using SL5.5 and SL6.1 versions
 - ◆ During the installation, uncheck ALL packages. In this way you will get a clean machine with only the minimum set of packages installed
- 2.- Add the EPEL repositories from the web site
(http://fedoraproject.org/wiki/EPEL/FAQ#How_can_I_install_the_packages_from_the_EPEL_software_repositories)
- 3.- Install these packages
 - ◆ ntp
 - ◆ cvs
 - ◆ subversion
 - ◆ rpmdevtools
- 4.- Run this command: rpmdev-rmdevelrpms
 - ◆ More information about this command:
<http://fedoraproject.org/wiki/Packaging/Guidelines#rpmdev-rmdevelrpms>
- 5.- These packages are considered the minimum build environment. Please check if they are present in yours installation
 - ◆ bash
 - ◆ bzip2
 - ◆ coreutils
 - ◆ cpio
 - ◆ diffutils
 - ◆ fedora-release
 - ◆ findutils
 - ◆ gawk
 - ◆ gcc
 - ◆ gcc-c++
 - ◆ grep
 - ◆ gzip
 - ◆ info
 - ◆ make
 - ◆ patch
 - ◆ redhat-rpm-config
 - ◆ rpm-build
 - ◆ sed
 - ◆ shadow-utils
 - ◆ tar
 - ◆ unzip
 - ◆ util-linux-ng
 - ◆ which
 - ◆ xz
- 6.- Install the ETICS client: <https://twiki.cern.ch/twiki/bin/view/ETICS/ClientHowTo>

How to recreate an ETICS Debian 6 image

- 1.- Download and install the Debian 6 image
 - ◆ During the installation, uncheck ALL packages. In this way you will get a clean machine with only the minimum set of packages installed
- 2.- Use the official Debian repository (by default)
- 3.- Install these packages:
 - ◆ python
 - ◆ python2.6-dev
 - ◆ libssl-dev
 - ◆ daemon
 - ◆ subversion
 - ◆ cvs
 - ◆ lsb-release
 - ◆ chrpath
 - ◆ debhelper
 - ◆ rsync
- 4.- Install the ETICS client: <https://twiki.cern.ch/twiki/bin/view/ETICS/ClientHowTo>

How to download the ETICS images

The ETICS team will provide the HyperV images and a list of tools to convert the images from this format to the most used ones.

List of free tools:

- VirtualDiskConvert: <http://discutils.codeplex.com/>
- VMware vCenter Converter:
http://downloads.vmware.com/d/info/datacenter_downloads/vmware_vcenter_converter_standalone/4_0

Image repository:

- SL5 HyperV image:
http://eticssoft.web.cern.ch/eticssoft/internal/public/MinimalImages/SL5_MinimalImage.zip (ask ETICS team for the root pass)
- SL6 HyperV image:
http://eticssoft.web.cern.ch/eticssoft/internal/public/MinimalImages/SL6_MinimalImage.zip (ask ETICS team for the root pass)

-- AndresAbadRodriguez - 24-Aug-2011

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