

Hercules Demonstration System Installation – Linux host operating system

Pre-requisites

Hardware – 64 bit Intel or AMD CPU based system with 1GB memory, 50GB available disk and at least one statically configured network interface.

Operating system – OpenSUSE 11.1 (preferred). This should be the 64 bit (x86-64) version of the operating system. The FTP server must be configured to offer the DVD drive for the anonymous user. Be sure to open the FTP port in the firewall as well. From the FTP server's point of view, the emulated machine is external to the host system even though the emulator itself is running on the host system.

If you are going to be running the MVS package (available on our website), you will also need to install a 3270 terminal emulator and open port 3270 in the firewall. We recommend using the x3270 emulator available from <http://x3270.bgp.nu/>. Download the suite3270 package from the downloads section of the website. Extract the x3270 package from the tarball using the File Roller. Move to the new x3270 directory. To install the 3270 emulator:

```
./configure  
  
make  
  
make install  
  
xset fp rehash
```

The 3270 emulator package will be installed and ready to run after you open port 3270 in the firewall.

Hercules Emulator Installation – Linux Based Host

1. Download the Hercules package from the downloads section of our website.
2. Copy the package to your home directory
3. Move to the / directory (**cd /**)
4. Unpack it with:

```
tar -zxvf (path to home directory)/turbohercules.tgz
```

This will create a hercules directory structure under the /opt directory as follows:

```
Binaries                /opt/TurboHercules/bin  
Configuration/data files /opt/TurboHercules/data/mvs (MVS files)  
and                    /opt/TurboHercules/data/sles (Linux files)
```

5. At this point the base Hercules package is installed and ready to run some mainframe code. Go to either the MVS installation instructions or to the SUSE Enterprise Linux 10 SP2 installation instructions to get the appropriate data files.