



# Summary of Installation Steps of ESX 4.0

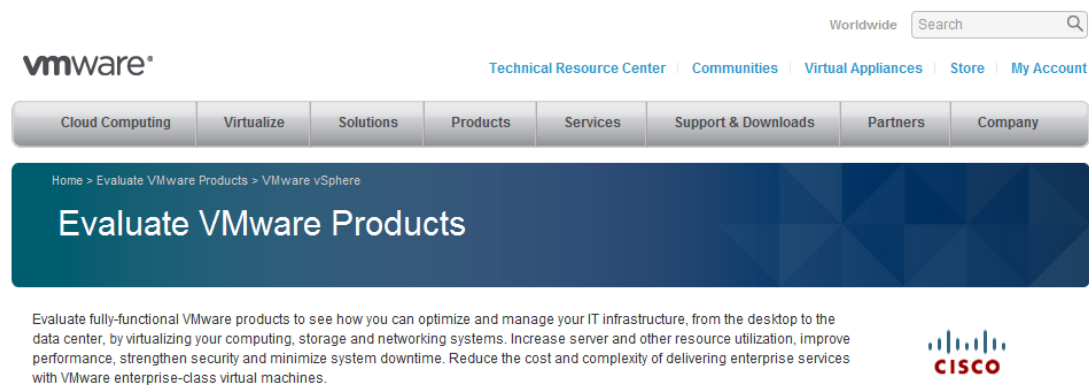
created by: Rainer Bemsel - Version 1.0 - Dated: Aug/21/2010

To evaluate Cisco's Nexus 1000v in conjunction with NetQoS SuperAgent virtual collector, I had to install an ESX Server into my lab. All necessary steps to do the first installation of ESX Server are documented in this TechTip and a few others to follow on my web site

## 1. Get VMware Software

Download VMware vSphere Enterprise Plus and optionally VMware vCenter Server Standard

<https://www.vmware.com/tryvmware/index.php?p=vspherecisco>



As hardware I did use an HP Proliant DL140 G3 with 8 GB RAM, which I found on eBay a while back. A good source would be LA Micro Group, Woodland Hills, CA

ESX will only install on a 64bit processor

After the registration process is completed, you will get a 60 days license

### YOUR TRIAL INCLUDES

- VMware vSphere Enterprise Plus
- VMware vCenter Server Standard

VMware vSphere	Expiration Date: Oct 16, 2010	xxxxx-xxxxx-xxxxx-xxxxx-xxxxx
VMware vCenter Server 4	Expiration Date: Oct 16, 2010	xxxxx-xxxxx-xxxxx-xxxxx-xxxxx

Next, you will have to write the ISO Images on a DVD, which will ease the installation. You can also choose to install from NFS, HTTP or FTP

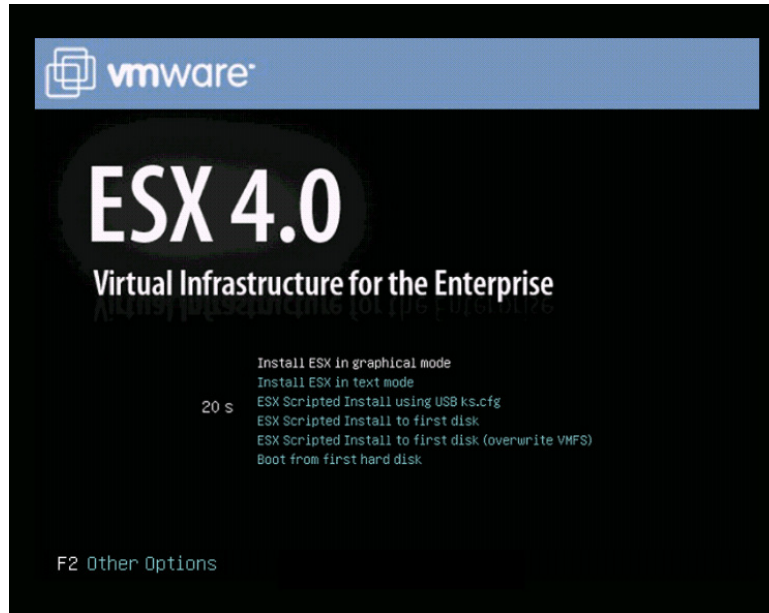


### DISCLAIMER

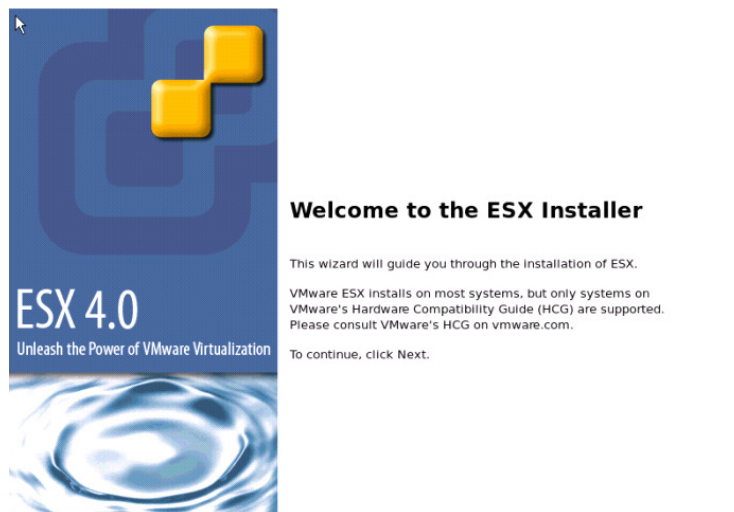
This Technical Tip or TechNote is provided as information only. I cannot make any guarantee, either explicit or implied, as to its accuracy to specific system installations / configurations. Readers should consult each Vendor for further information or support.

Although I believe the information provided in this document to be accurate at the time of writing, I reserve the right to modify, update, retract or otherwise change the information contained within for any reason and without notice. This technote has been created after studying the material and / or practical evaluation by myself. All liability for use of the information presented here remains with the user.

Start the installation by inserting the Installation DVD in your DVD Drive and boot from DVD. Following installation screen will appear.



Press Return or have the timer count down, the graphical mode will start

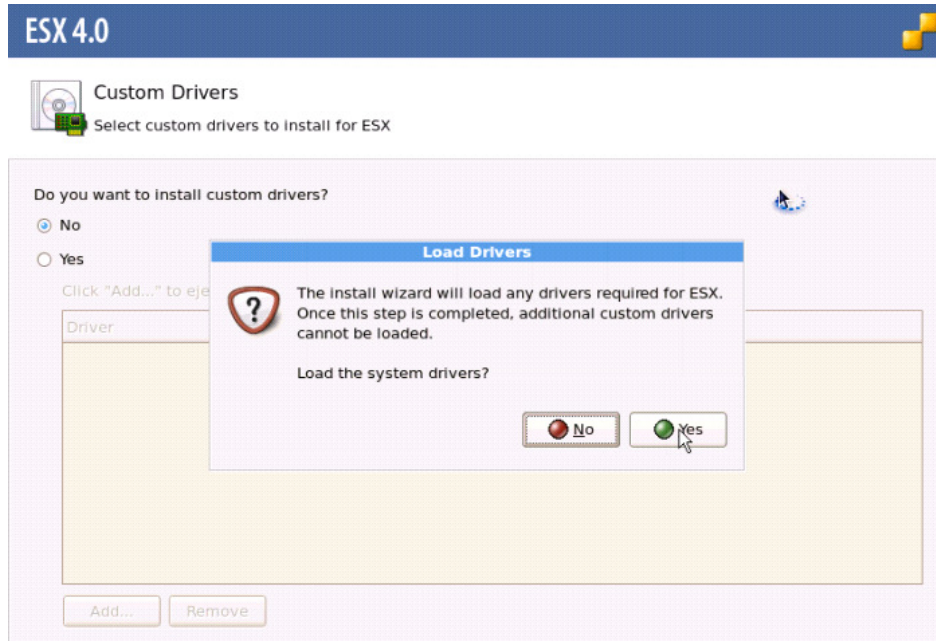


After the Welcome Screen you will be presented with the End User License Agreement you have to accept in order to continue the installation.



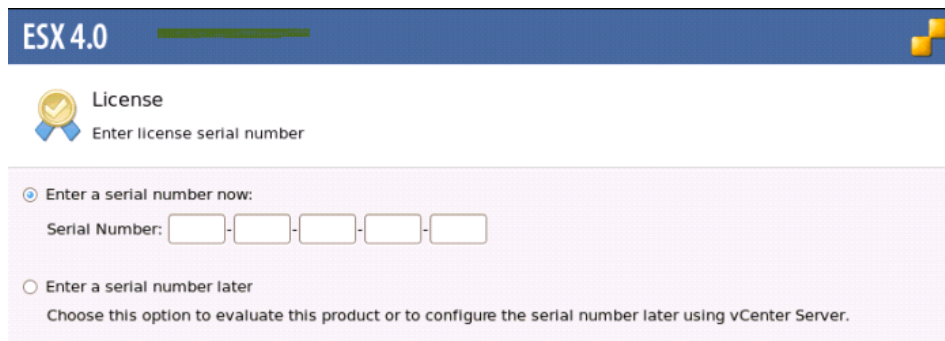
### Custom Drivers

There is no need to install custom drivers, as the Proliant Server is pretty standard. If you are using any exotic hardware, than you have to install custom drivers.



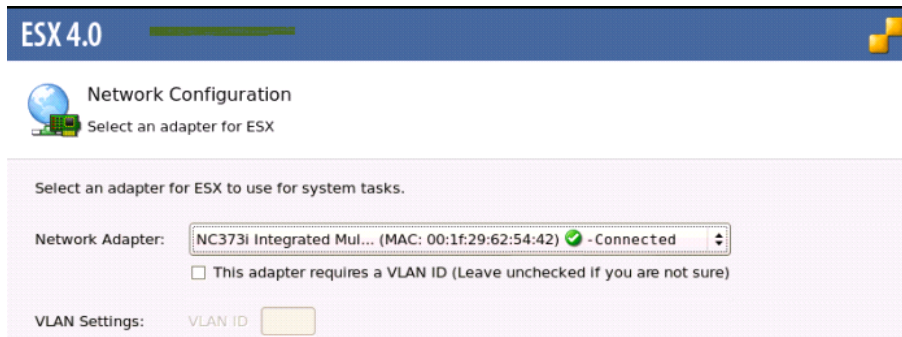
### License Number

If you have received a license serial number, you can add them in here. If you choose to enter a serial number later, the ESX Server will run in Evaluation Mode

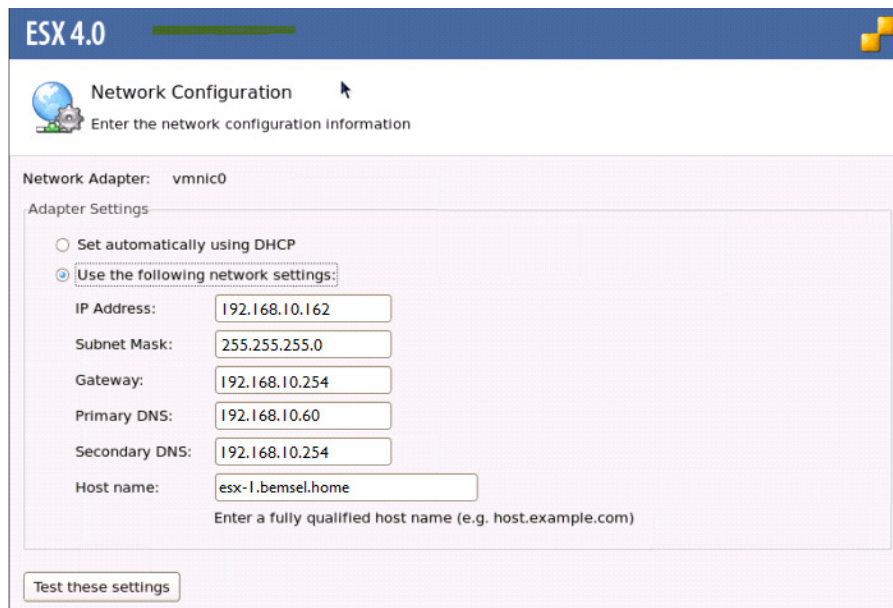


### Network Configuration

Choose the adapter for Management Access. It is not the one being used for virtual machine communication. Skip VLAN ID Setting. This is optional, if your environment requires a VLAN ID

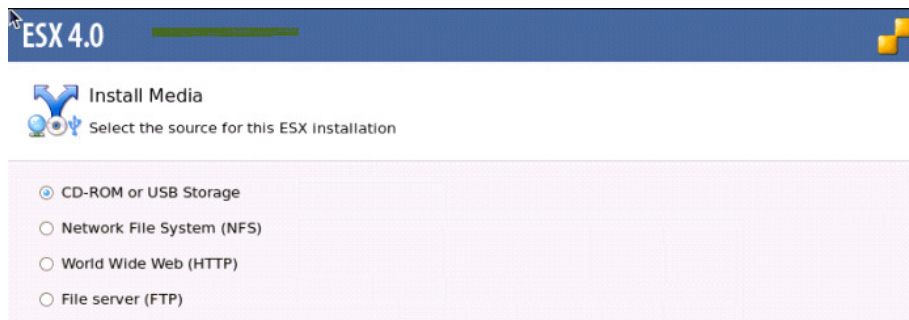


Set static network address configuration and **Test these settings** - Do not continue until the Test completes successfully



**Install Media**

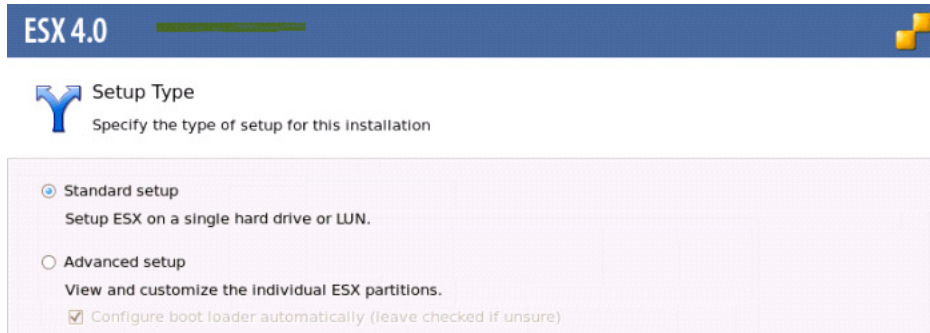
Choose CD-ROM as the source for this ESX installation - other options only make sense if you host the source on a remote location.





**Setup Type**

If you have only a single hard drive, standard setup would be sufficient. Advanced Setup will give you the option to choose and customize individual ESX partitions.



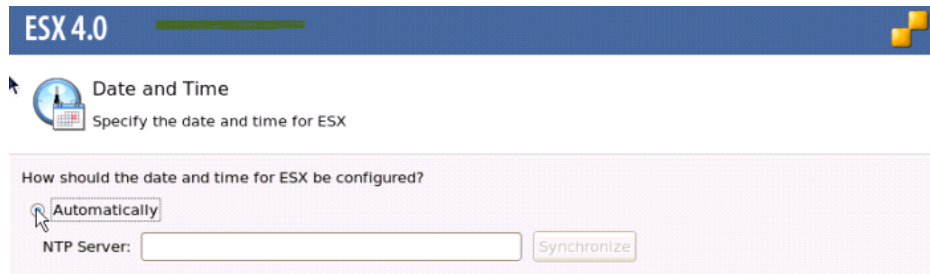
**ESX Storage Device**

There you can select the location to install ESX

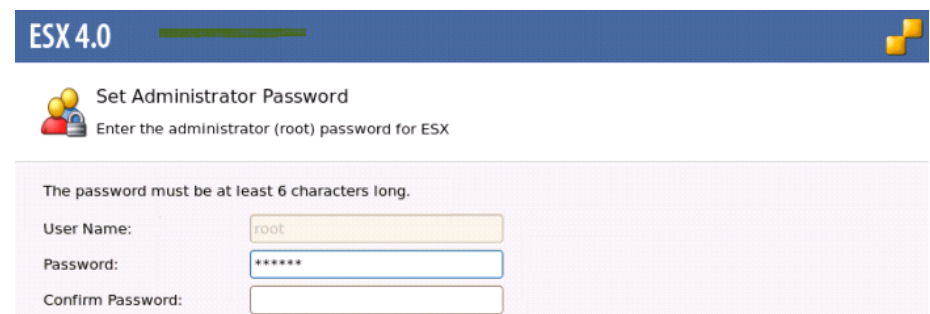


**Time Zone**

Select the Time Zone and manually adjust calendar and time. If you have access to an NTP Server, I highly suggest to chose NTP Server. Computer clocks are not as accurate as we believe



**Set Administrator Password** and let installation script do it's job



Finally, you can connect to your new ESX Server with your web browser and will get following Welcome Screen

**VMware ESX 4**  
Welcome

### Getting Started

If you need to access this host remotely, use the following program to install vSphere Client software. After running the installer, start the client and log in to this host.

- [Download vSphere Client](#)

To streamline your IT operations with vSphere, use the following program to install vCenter. vCenter will help you consolidate and optimize workload distribution across ESX hosts, reduce new system deployment time from weeks to seconds, monitor your virtual computing environment around the clock, avoid service disruptions due to planned hardware maintenance or unexpected failure, centralize access control, and automate system administration tasks.

- [Download VMware vCenter](#)

If you need more help, please refer to our documentation library:

- [vSphere 4 Documentation](#)

### For Administrators

#### vSphere Web Access

vSphere Web Access streamlines remote desktop deployment by allowing you to organize and share virtual machines using ordinary web browser URLs.

- [Log in to Web Access](#)

#### Web-Based Datastore Browser

Use your web browser to find and download files (for example, virtual machine and virtual disk files).

- [Browse datastores in this host's inventory](#)

### For Developers

#### vSphere Web Services SDK

The vSphere Web Services SDK package contains interface definitions, detailed documentation and sample code to help you write your own management programs.

- [Download the Web Services SDK](#)
- [Browse objects managed by this host](#)

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Once, you see that screen your ESX Server is ready to receive Virtual Machines and Virtual Appliances

