

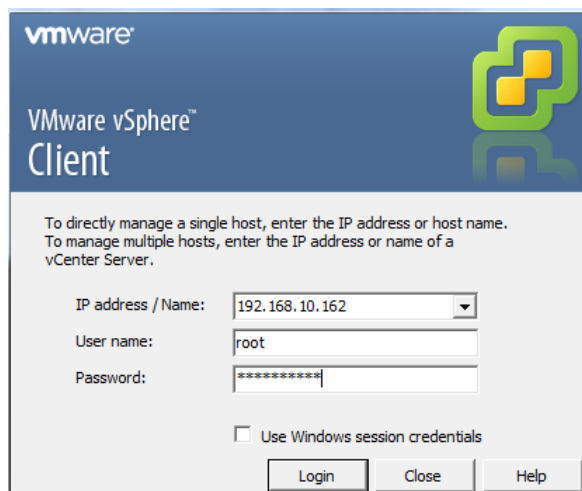


# How to install a new guest operating system on ESX Server

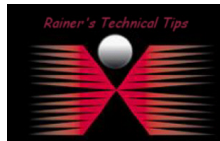
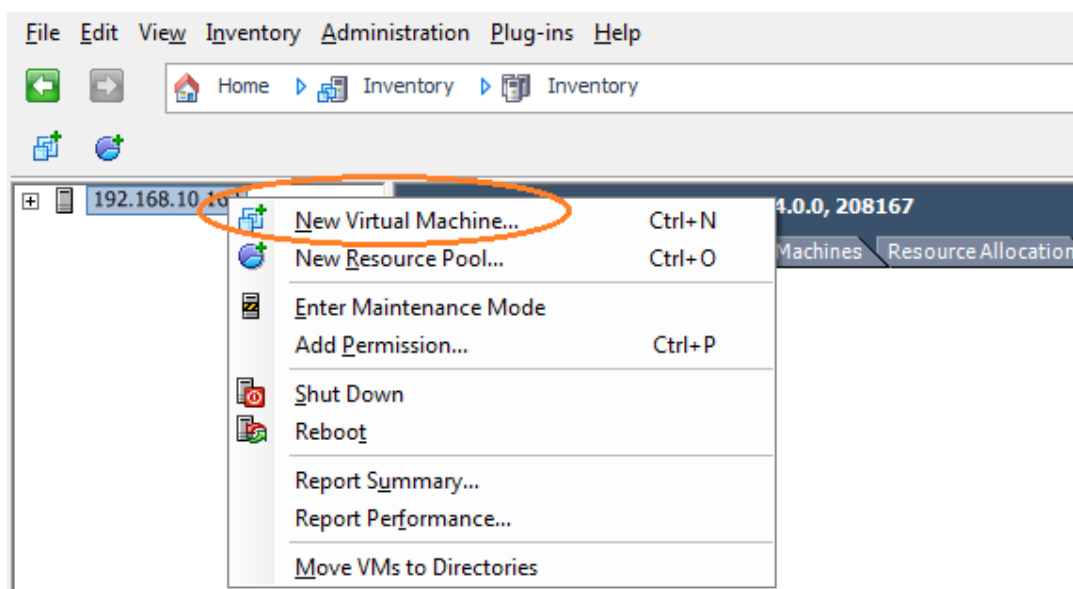
created by: Rainer Benschel - Version 1.0 - Dated: Julv/03/2010

If you are new to VMWare as I was and trying to get a new Virtual Server installed in a minimum of time, just follow these simple steps. I assume that ESX Server has been installed.

Start VMware vSphere Client and connect to the ESX Server



Once you are connected, highlight ESX Server - **right click** on choose **New Virtual Machine**

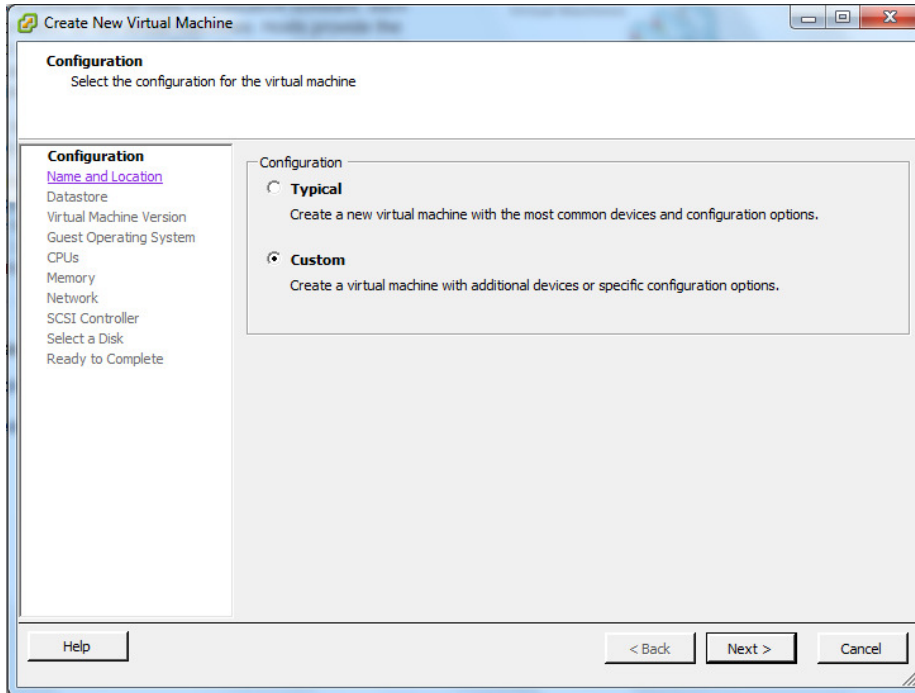


#### DISCLAIMER

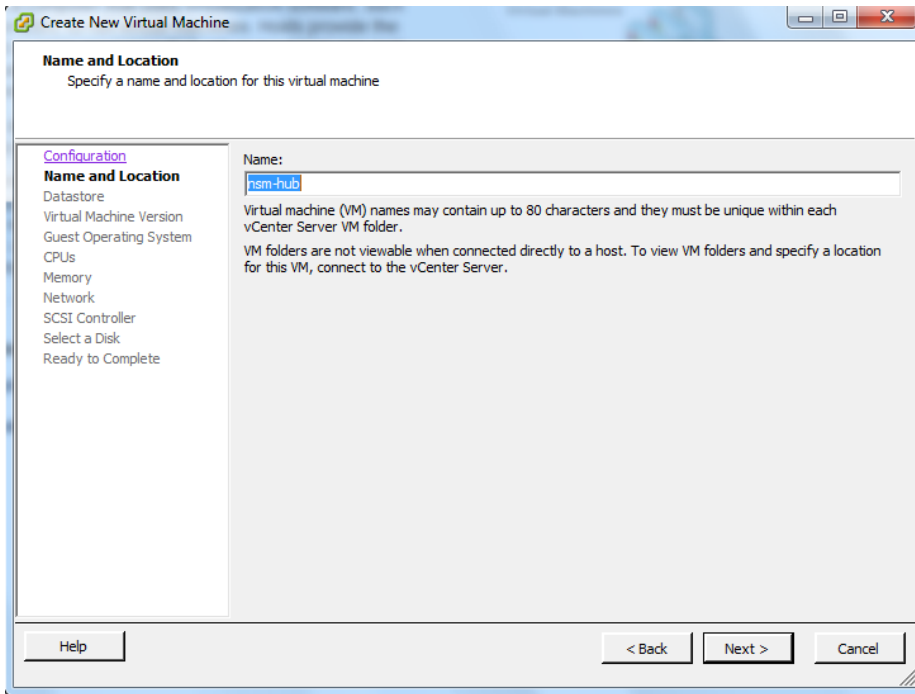
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You can choose to create a **TYPICAL** New Virtual Machine. I've decided to run a **CUSTOM** Setup. This will get me a few more options.



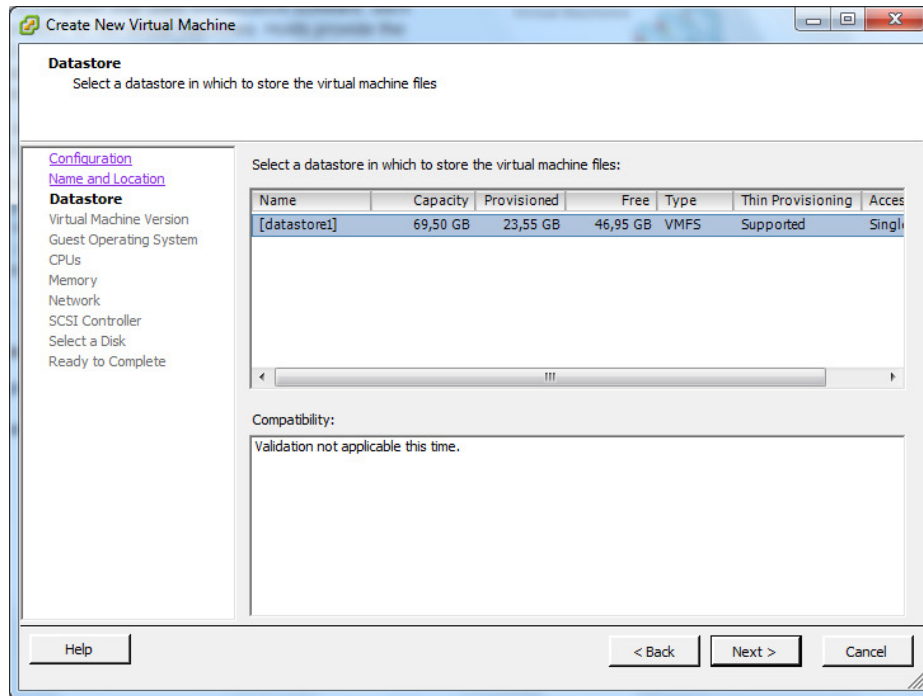
Provide a name for that new virtual machine. This will be name displayed in the inventory. In my case, I named it nsm-hub



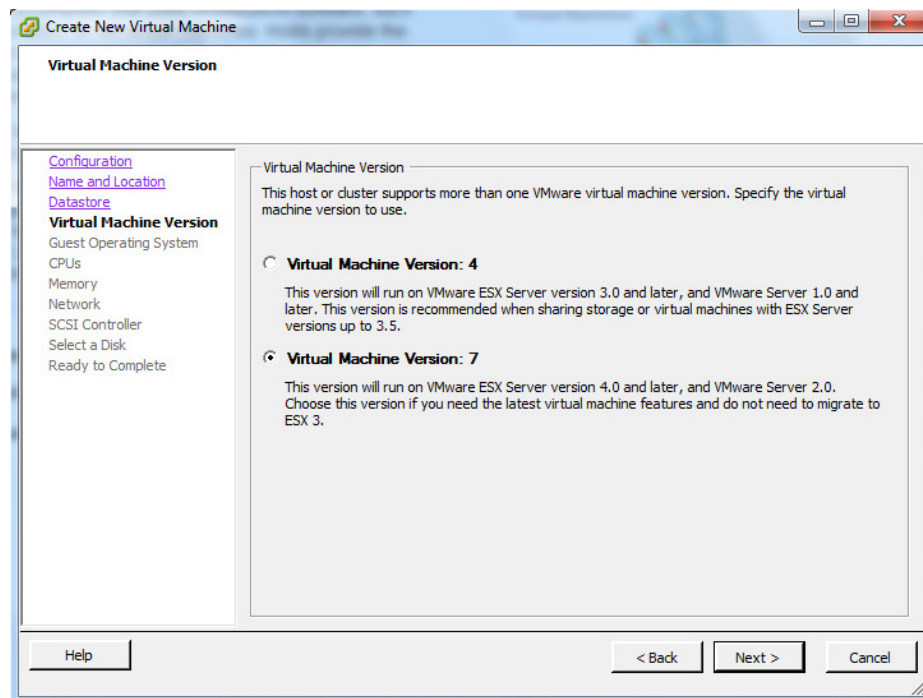
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Next, you will have to select the datastore, where to locate the virtual disk. Usually, it's the local hard disk or disk array.



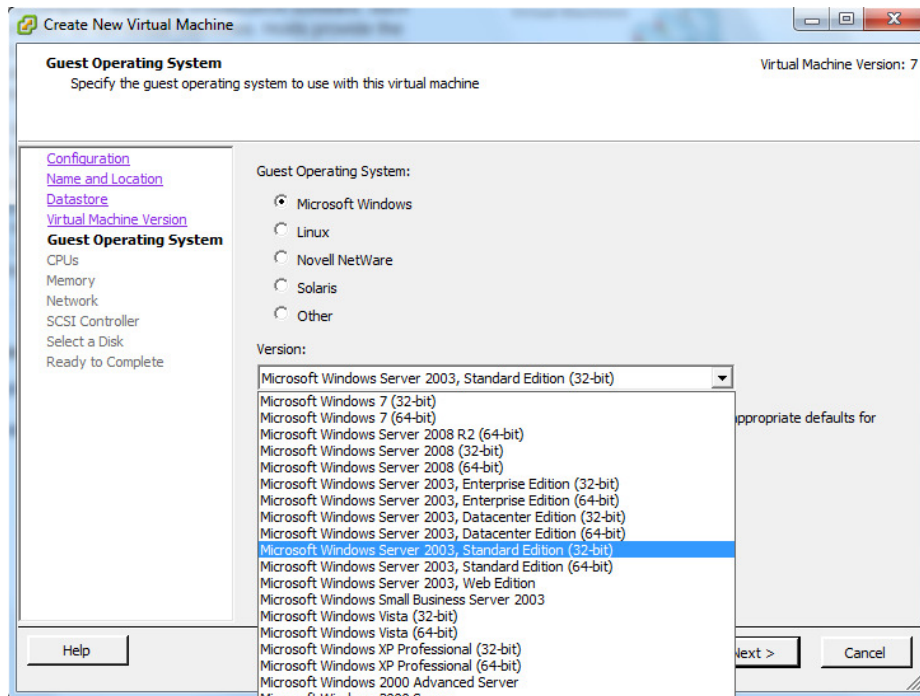
Click on NEXT and specify the virtual machine version. As I do not have any older VMWare Versions in my lab, I was going with the new Version 7.



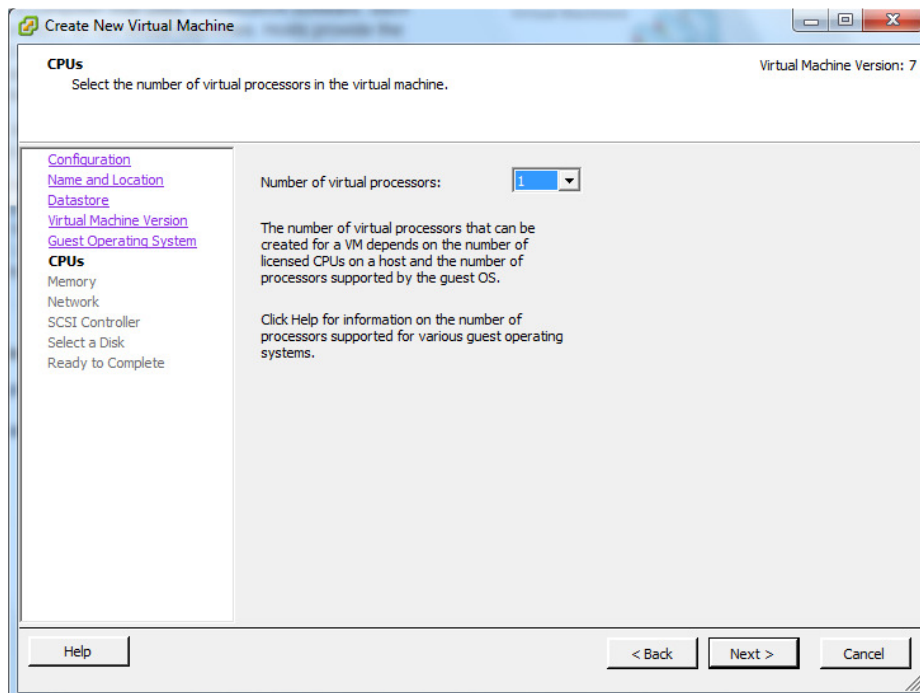
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Now, you will have to specify the guest operating system. It will be used to prepare the new virtual machine with OS specific attributes. I'm going to install Windows 2003 Server (just a simple one for my purposes)



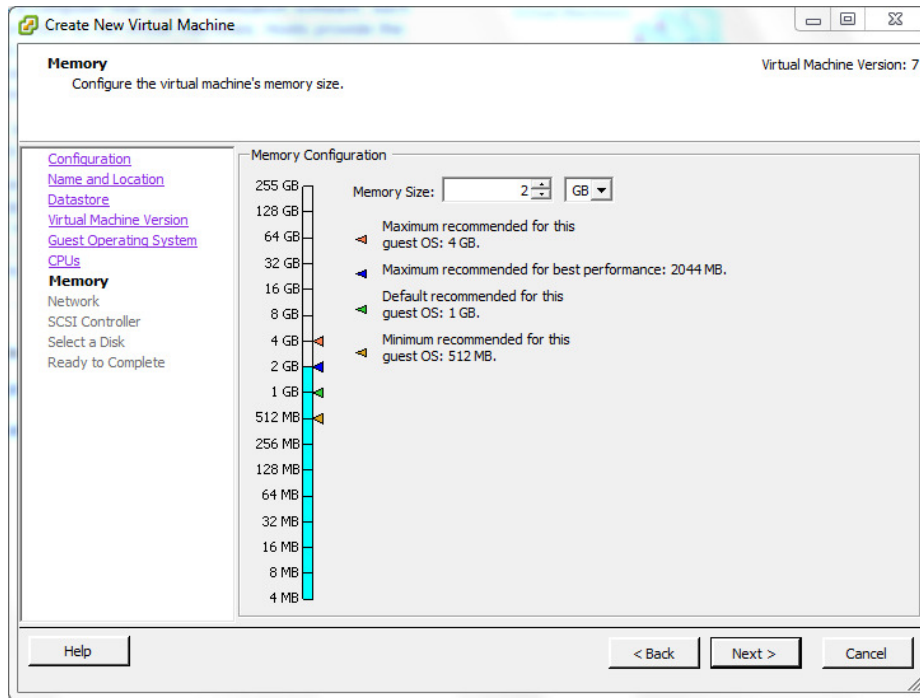
Select the number of virtual processors. I'm fine with a single processor



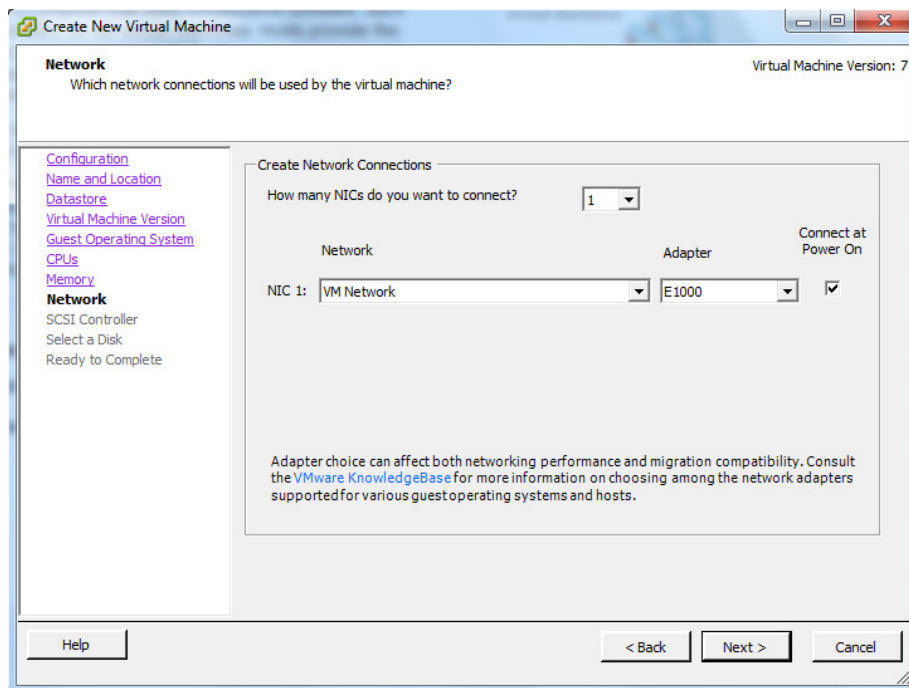
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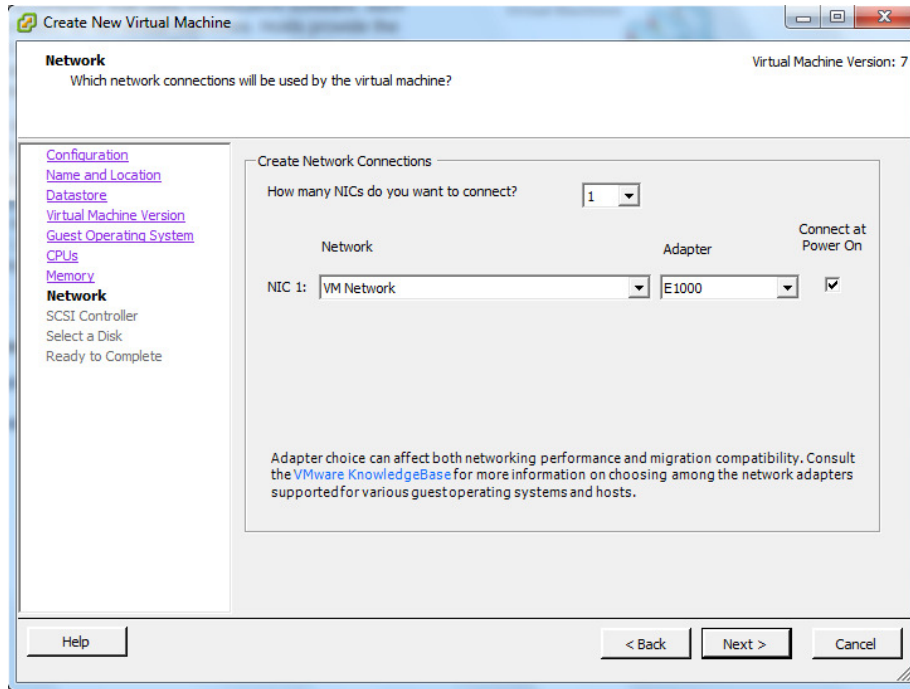
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This piece is important. Based on what you are going to use the guest operating system, you should specify as much as you need for the new application. For example, the minimum requirement for the new application you are going to install requires 2GB, this is the place to specify

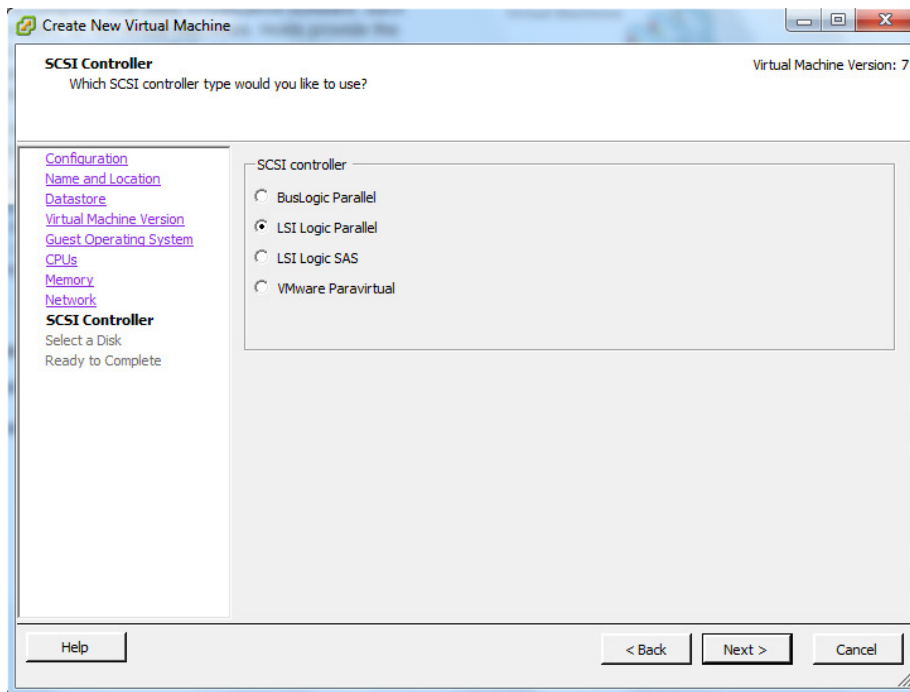


Usually, you only need 1 NIC. However, sometimes it requires more than one NICs. This is the place to specify.



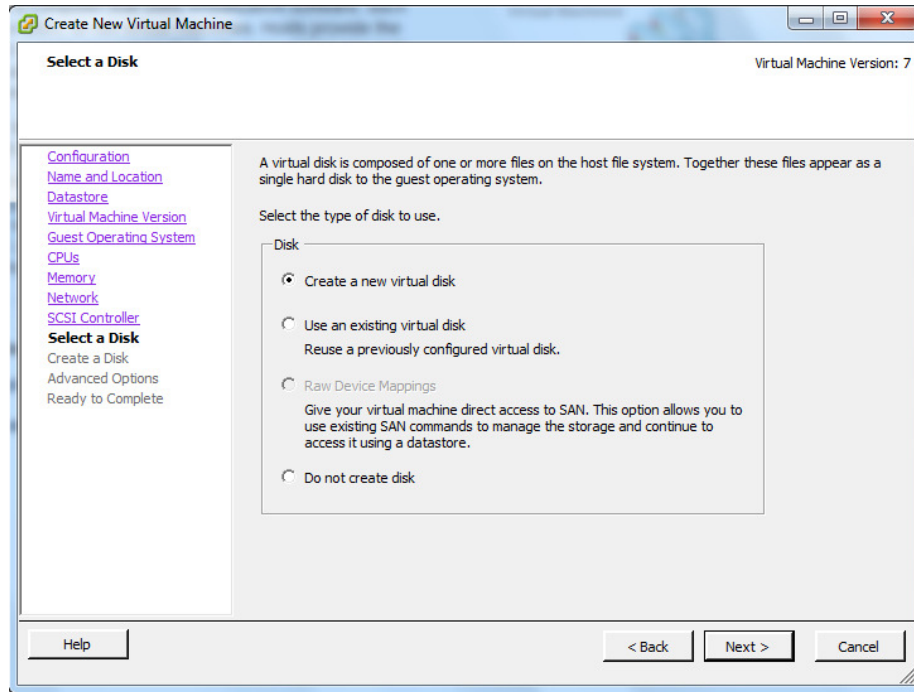


If you want to specify another SCSI controller type, here you go.

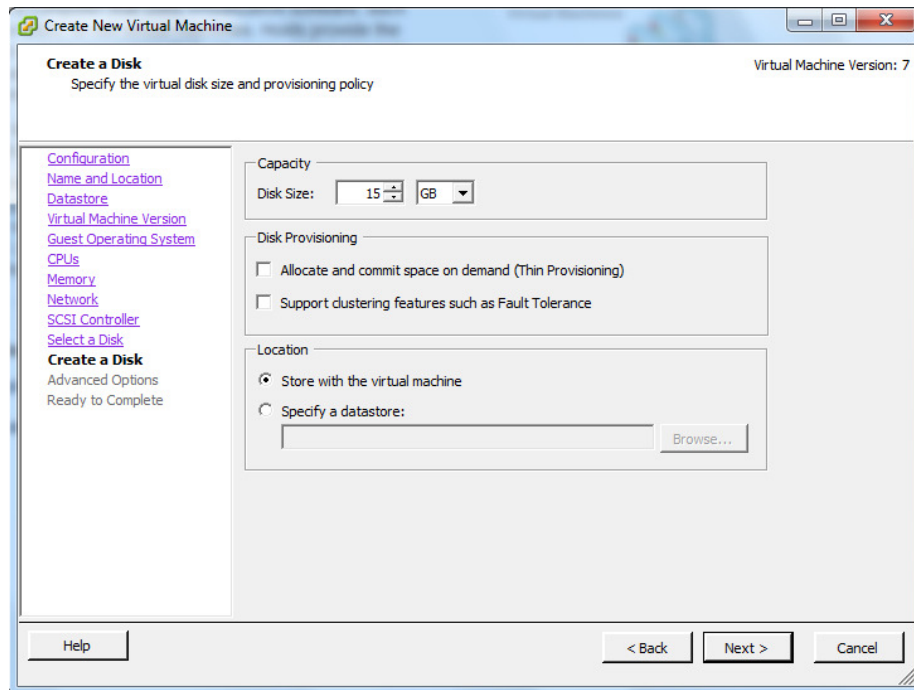




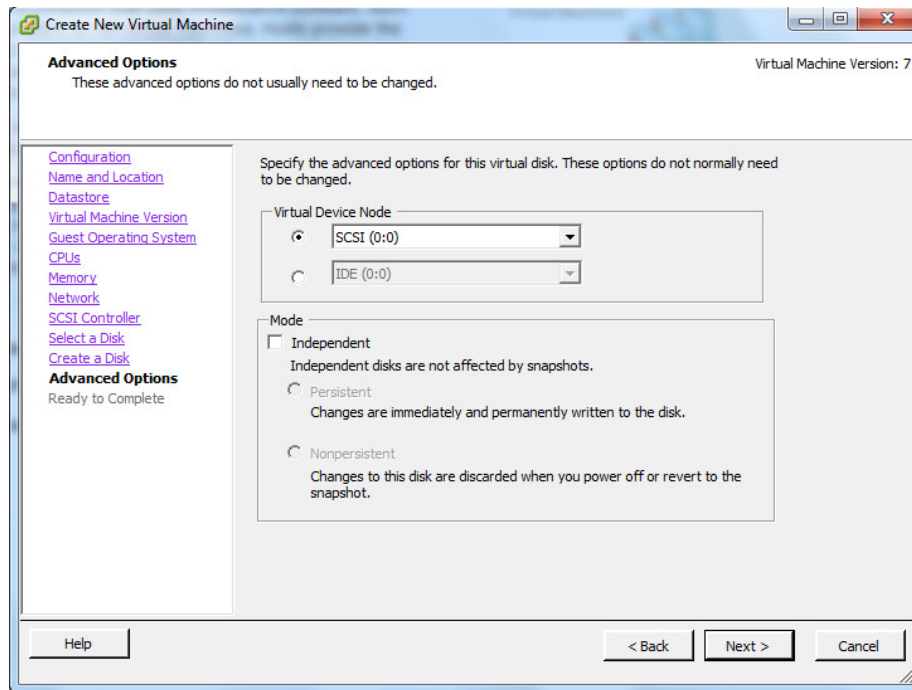
Next, you can choose what type of disk to use. I've created a new virtual disk to run my new VMware.



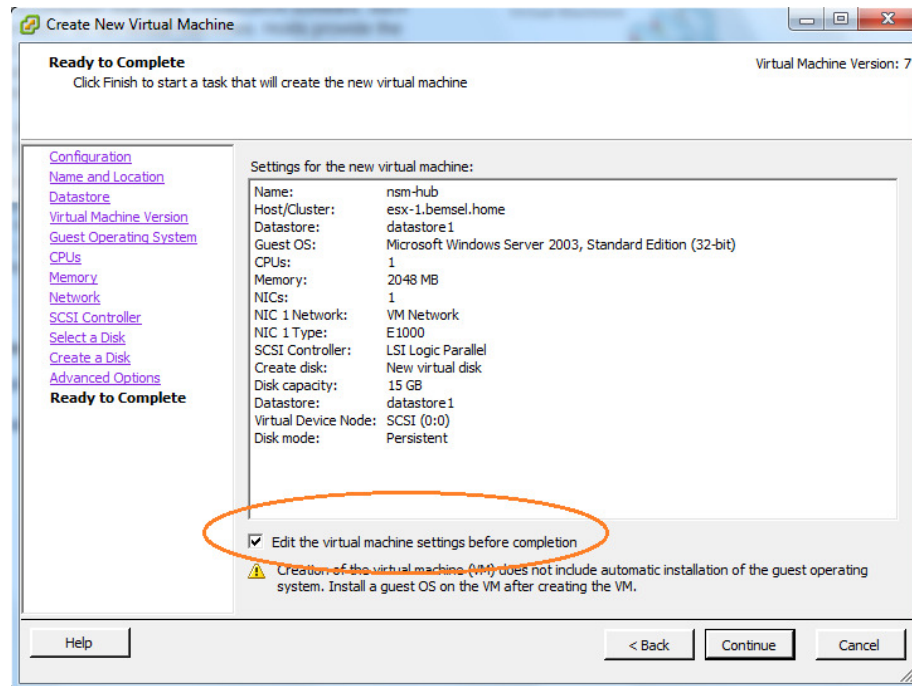
Specify the Capacity of the new virtual disk. Again, this will be also important for the new application, you are going to install.



Next option is really nothing to do, just keep it with the default.



Finally, you get to a point, where everything is starting. The creation and the installation (should start)



Make sure you click "Edit the virtual machine settings before completion".



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This will give you the option to use a local CD/DVD with the new guest operating system inserted to start the install. Click on Finish and let the system start to create a fresh and brand new Virtual Machine, with your new Guest Operating System of your choice

