**Tech Challenge 1**

**Create a Windows Virtual Machine and**

**Install Windows Server 2012**

For this tech challenge you will need to create a virtual machine using VMware and install Windows Server 2012.

1. Create a virtual machine that meets the following specifications. Do not power up the virtual machine until you have completed step #2. The specifications for the virtual machine include (Note: These instructions are for VMWare, if you are using Azure you can feel free to choose less resources to save costs).
   1. The guest operating system will be Windows Server 2012 R2 x64.
   2. Number of processors: 1
   3. Number of cores per processor: 1
   4. Memory: 1024 MB
   5. Network Connection: NAT
   6. I/O Controller Type: LSI Logic SAS
   7. Disk Type: SCSI
   8. Disk Capacity: 45GB
2. Edit the virtual machine settings for this virtual machine and, instead of using a traditional CD/DVD drive, use an ISO image of the Windows Server 2012 R2 x64 DVD.
3. Power up the virtual machine and install Windows Server 2012. Select “Windows Server 2012 R2 Standard (Full Installation) x64”.
4. VMWare Tools will automatically install and the system will restart.
5. After the system has restarted, login as Administrator, start a command prompt, maximize the window for the command prompt and run the systeminfo command. Take a screen shot of the output from the systeminfo command and paste the screen shot here: