Configuring Hyper-V Virtual Switch lab notes

Click Next to begin your lab exercise

1. Click on Tools, **Hyper-V Manager**
2. Under **Actions**, click on **Virtual Switch Manager**
3. Under "**What type of virtual switch do you want to create**", select **Internal**
4. Read the description fot the Internal Switch
5. Click on **Private,** read the description for the private switch
6. Select **External** and click on **Create Virtual Switch**
7. Press the Delete key on your keyboard
8. Type **External Virtual Switch** for the name of your virtual switch, press **Enter**

Enable SR-I/O on the Virtual Switch

9. Select the check box to the left of **Enable single root I/O virtualization**
10. Click on **OK** to continue
11. Click on **Yes** on the **Apply Networking Changes** box

Creating a Virtual Machine and using the Virtual Switch you created in Virtual Switch Manager

1. Right-click **Server1**
2. Click on **New Virtual Machine**
3. On the **Befoe you begin screen** click on **Next**
4. Type **virtualclass** for the name of your virtual machine, press Enter
5. Click on Next to continue
6. On the Specify Generation age, select **Generation 2**, athen click **Next**
7. Type 32 for the memory amount, press Enter
8. Clcik on **Next** to continue
9. ON the configure Networking s creen, click on the Connection down arrow
10. Select the **External Virtual Switch** you created earlier on
11. Click on **Next** to continue
12. Accept **Install an operation system later** by clicking on **Next**
13. Click on **Finish** to complete the New Virtual Machine Wizard

Enable SR-IOV on the virtual machine

1. Right-click on the virtual machine, **virtualclass** and select **settings**
2. Expand **Network Adapter** and select **Hardware Acceleration**
3. Enable SR-IOV
4. Click on **Apply**

End of Lab