

Create Port Groups

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What is a Port Group in VMWare

To be able to complete this section, you need to have created a vSwitch, if you have not done this then you can look [here](#) for information on how to create a vSwitch.

A Port Group contains one or more interfaces from Virtual Machines. A Port Group is created and assigned to a Virtual Switch (vSwitch). This then maps a Port Group to a Physical Interface via a vSwitch (you can't directly map Port Groups to Physical Interfaces).

Log in to the ESXi Web GUI, on the left hand pane select **Networking**.



At the top of the page, select **Port Groups** and then select **Add port group**.

The Add port group page will open.



We need to enter some information here:

Name: A name for the Port Group. I have used Ingress (and Egress for a second Port Group)

VLAN ID: Unless you have a good reason, leave this as 0 (default)

Virtual Switch: This is the vSwitch you wish to assign this port group to, use the vSwitch you created earlier.

Security: Unless you have a good reason, leave this as default

Create a second **Port Group** (Egress).

You will now be able to see both the **Port Groups** you created.



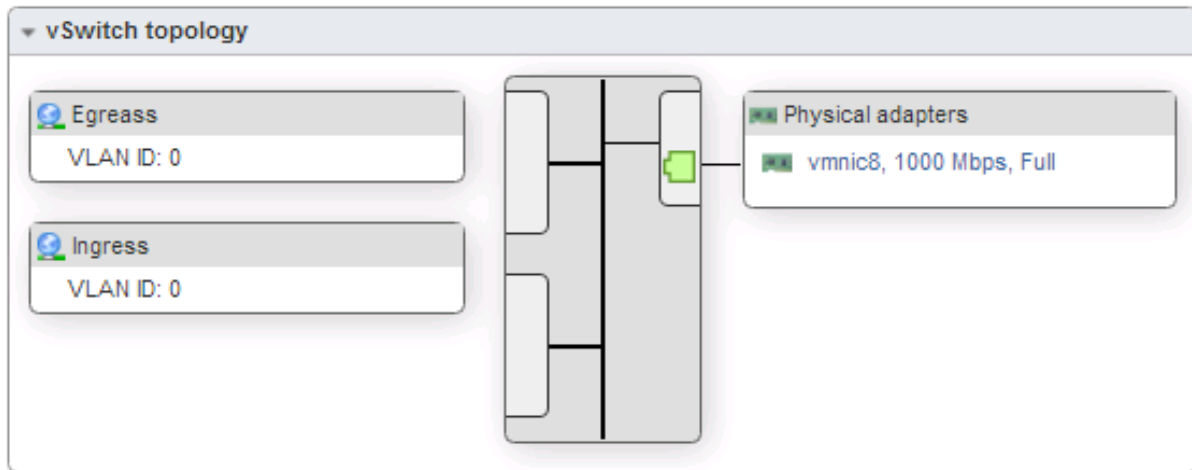
At the top of the **Networking** page, click **Virtual Switches**.



Click on the vSwitch you assigned the **Port Groups** to.



This displays the information about your vSwitch, the part of interest here is the vSwitch topology diagram, this displays a graphical [representation of what you have just created. A larger view is below.](#)



Remember, here we are looking at a graphical representation of our vSwitch, on the left we see the two **Port Groups** we just created. On the Right we see the **Physical Interface** that this vSwitch is connected to (vmnic8).

To use this **Port Group** / **vSwitch configuration**, you will need to use one of the Port Groups in your Virtual Machine configuration, you can see that [here](#).

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