

# Create Port Groups

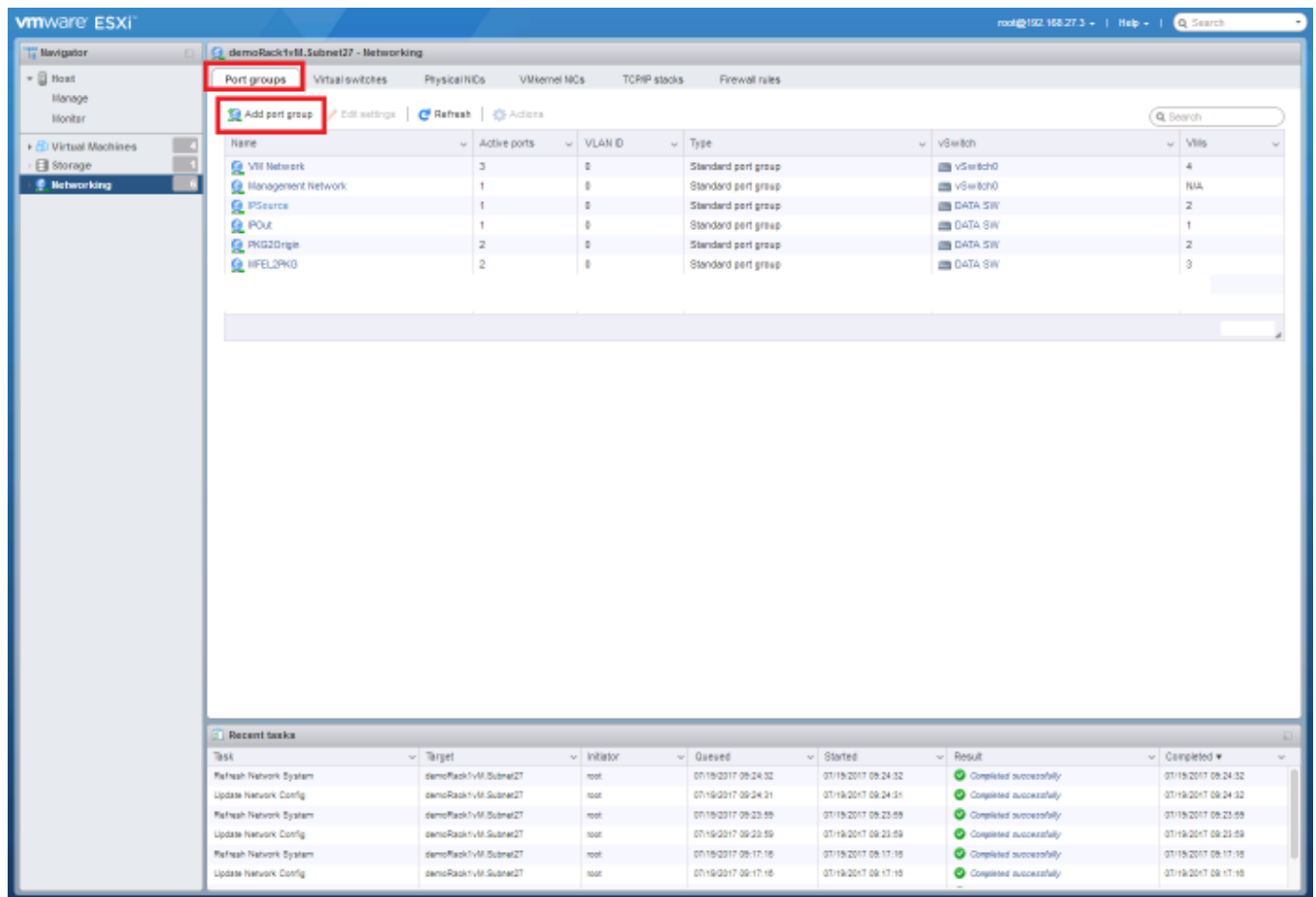
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## What is a Port Group in VMWare

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**.



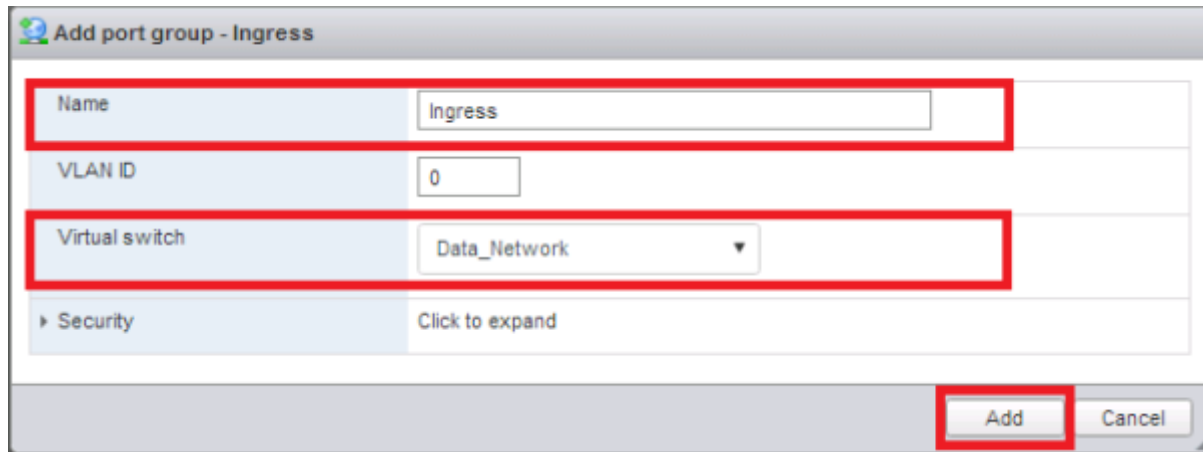
The screenshot shows the VMware ESXi Web GUI interface. In the left-hand navigation pane, the 'Networking' option is selected. The main content area displays the 'demoRack1vM.Subnet27 - Networking' page. The 'Port groups' tab is active, and the 'Add port group' button is highlighted with a red box. Below the button, there is a table listing existing port groups.

| Name               | Active ports | VLAN ID | Type                | vSwitch  | Vlans |
|--------------------|--------------|---------|---------------------|----------|-------|
| Virt Network       | 3            | 0       | Standard port group | vSwitch0 | 4     |
| Management Network | 1            | 0       | Standard port group | vSwitch0 | N/A   |
| IPSource           | 1            | 0       | Standard port group | DATA SW  | 2     |
| IPOut              | 1            | 0       | Standard port group | DATA SW  | 1     |
| PKG2Orig           | 2            | 0       | Standard port group | DATA SW  | 2     |
| MFEL2PK0           | 2            | 0       | Standard port group | DATA SW  | 3     |

Below the table, there is a 'Recent tasks' section showing a list of tasks performed on the system, including 'Refresh Network System' and 'Update Network Config', all of which completed successfully.

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

The Add port group page will open.



**Add port group - Ingress**

|                |                 |
|----------------|-----------------|
| Name           | Ingress         |
| VLAN ID        | 0               |
| Virtual switch | Data_Network ▼  |
| Security       | Click to expand |

**Add** **Cancel**

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.

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

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