12 Azure Virtual Network



**Step 1:** Creating a Virtual Network

* An Azure account has been enabled in your practice lab. Refer DotNet Lab guide: Phase 4 to learn how to use the practice lab.
* Login to the Azure Portal with the Azure/Microsoft credentials provided in the lab.
* From the portal page, search for **Virtual Networks** and click on it.
* In the Virtual Networks listing page, click on **+Add.**
* In the **Create Virtual Network** form, for **Name** enter a globally unique name using alphanumeric characters and hyphen.
* For **Resource Group,** use an existing one or click **Create New.**
* Enter Address space for your Network.
* Click **Create.**
* Once deployment is complete, it will show up in the list of Virtual Networks.

**Step 2:** Creating a VPN Gateway

* From the portal page, search for **Virtual Network Gateways** and click on it.
* In the Virtual Network Gateways listing page, click on **+Add.**
* In the **Create Virtual Network Gateway** form,for **Name** enter a globally unique name using alphanumeric characters and hyphen.
* For **Public IP Address Name,** enter a globally unique name using alphanumeric characters and hyphen.
* For **Virtual Network,** select the Virtual Network we created in step 1 above.
* Click **Review+Create.**
* Once validation completes click **Create.**

**Step 3:** Creating a VPN Gateway

* From the portal page, search for **Network Watcher** and click on it.
* In the Network Watcher page, click on **Topology** in the left bar.
* From the **Resource Group** dropdown, select a resource group.
* From the **Virtual Network** dropdown, select a virtual network.
* It will show a topology diagram of the virtual network.
* Click on a node in the diagram to see details of that node.