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Article

Creating Virtual Network In Microsoft Azure

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Introduction

Virtual networks help us to create a network which virtually works on the location which we choose when we create it. These virtual networks can be used to create virtual machines in those virtual networks. Whenever you create a virtual network, a cloud service will also get created if there is not any cloud service created. There is lot more that can be done with these virtual networks like adding address spaces, subnetting the addresses, etc.

Entering Azure Portal

To create a virtual network, you need to have an azure account with a subscription. You can get a free subscription for Azure with a trial offer. You can find it in the official Azure site. So if you have a subscription, simply login into the portal and your portal will be displayed somewhat like this.
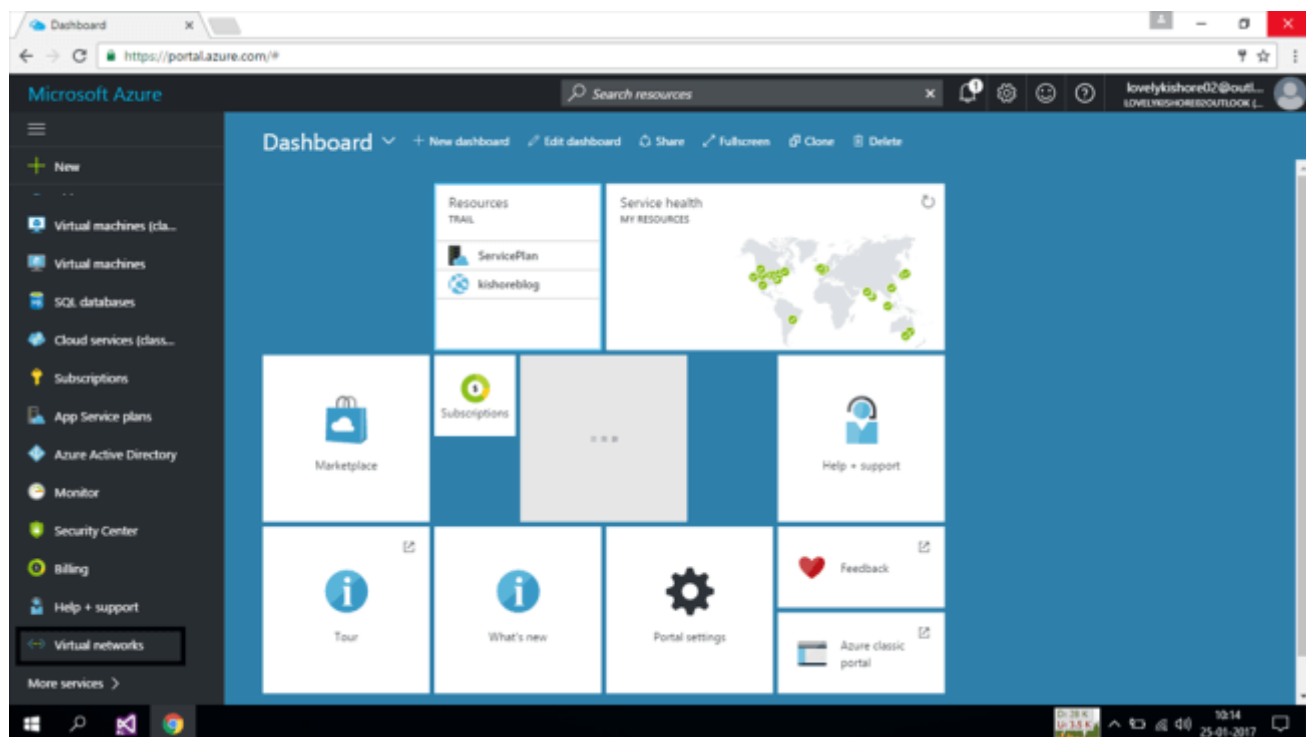

Now you can create the virtual network directly by clicking the virtual network option in the quick menu which is in the left side or by clicking *NEWàNetworkingàVirtual Network*. Both will work in the same way. You can also search for the Virtual Network from the search box.
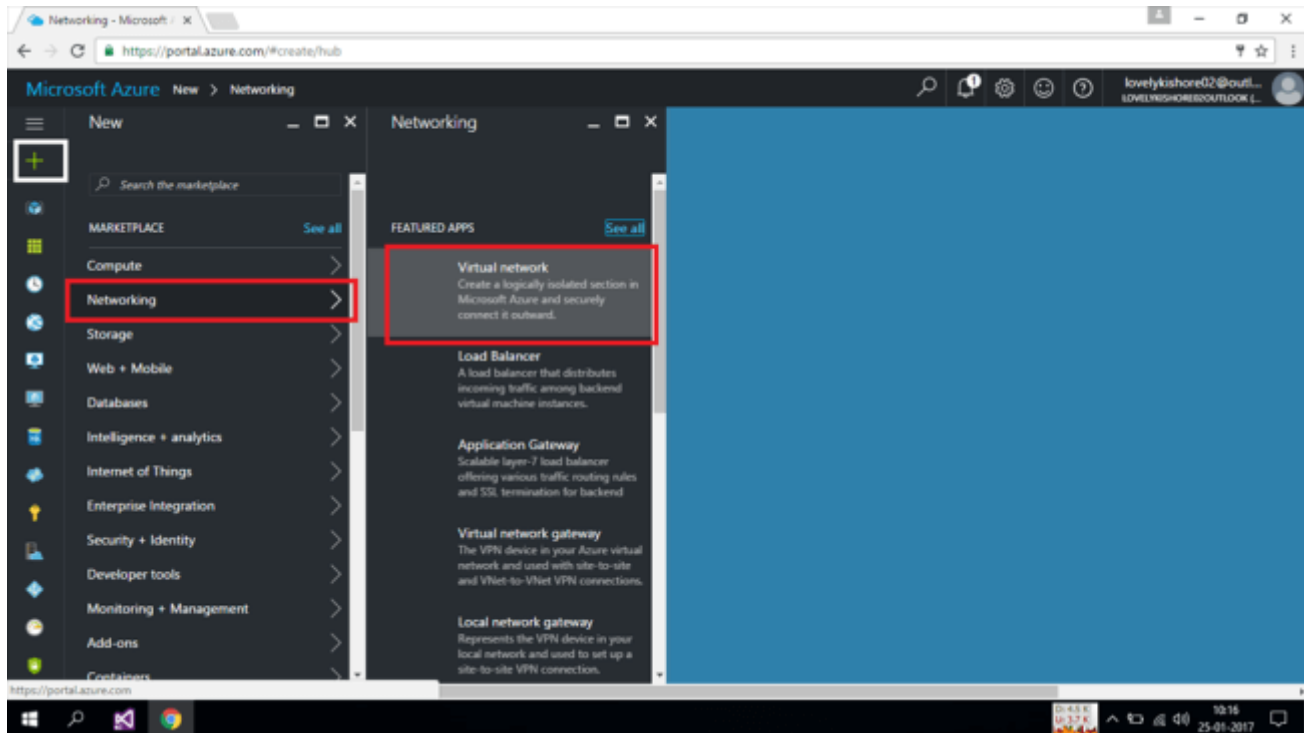
Once you click on it, you will be asked to enter credentials like name of the network, total number of address spaces required, Subnet name, Subnet addressing range resource group and the network location. Remember that the virtual networks are mainly used for configuring different data centers which will be found in different locations. Once you enter all the credentials, click on the *Create* button. This will create the virtual network in a few minutes based on the load in the Portal.
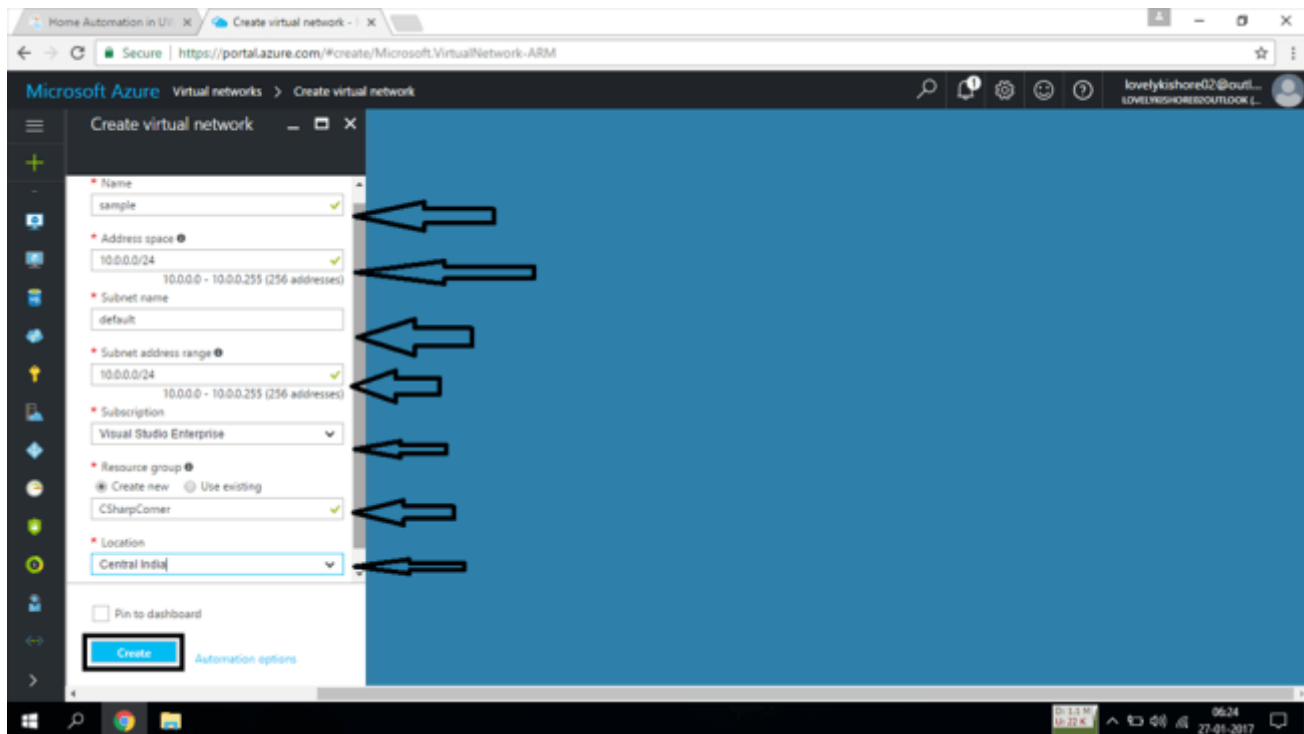
When the creation of the virtual network completes, you can make use of it for the virtual configuration of the virtual machines and other cloud services in different locations. When you click on the created virtual network you can find something like this which is indicated in the screenshot below. These details are to show you how many address spaces and subnets you have created and how many devices are connected to this network.
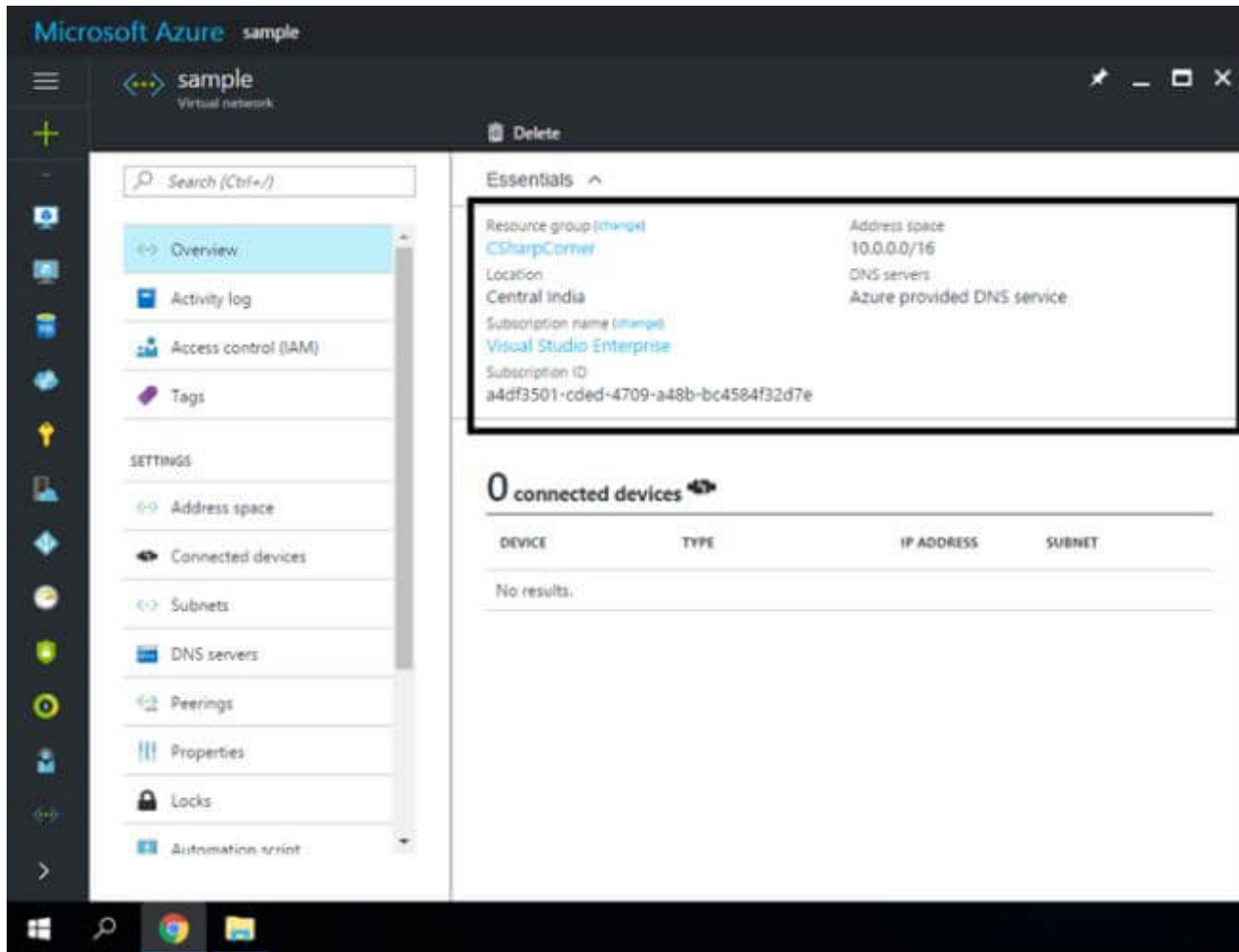
Conclusion

Thus we have seen how to configure a virtual network. In future articles, we shall see how to configure virtual machines in the virtual networks and also add end points to the network, create a gateway and a lot more. Thank you.

Thank you for using C# Corner