**Virtual Network Peering**

Before you begin the tasks, review the following articles:

* [Virtual network peering](https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-peering-overview)
* [Vnet FAQ](https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-faq)
* [Create an Inbound Port Rule](https://docs.microsoft.com/en-us/windows/security/threat-protection/windows-firewall/create-an-inbound-port-rule)
* [NSG](https://docs.microsoft.com/en-us/azure/virtual-network/security-overview)

Create two VM’s in different Resource Groups with the following configurations:

* Add Public IP
* Set static private IP in both VM’s
* Add NSG and block all inbound traffic except the one from Virtual Network
* Allow ICMP inbound traffic in both VM

Vnet configuration:

* Create peering between two Virtual Networks Via Azure PowerShell

Try ping private IP from one VM to another, if you get reply everything is OK.