

Virtual Networking

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Lab Summary 4

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In this lab, two Azure virtual machines should be created with Windows 10 and Windows Server 2016. The inbound port rules should have ports 443 (HTTPS) and 80 (HTTP). The Windows Server 2016 machine should have IIS Web Server so that Windows 10 machine has access to the WS 2016 machine locally. Another task is to set up public access from outside to the website.

While creating virtual machines, the networking session allows creating inbound port rules so that ports 80 and 443 are added to the Windows Server 2016 virtual machine. The priorities are set between RDP and other priorities because it comes first top to bottom. There are several ways to configure inbound port rules. It could be done with PowerShell and post-deployment.

From the Windows 10 machine, the website, created by the Windows Server 2016, should be able to be accessed with HTTP and private IP address. Some people in the class could not access their IIS websites because they did not set up the inbound ports correctly. The public IP address should be used to access the website from the outside because that is how the Azure router would recognize.

There were two complications during the lab: the exceeding number of public IP addresses and delaying on creating a virtual machine. Unless requested for increasing the number of public IP addresses, users have up to 10 assigned IP addresses. The IP addresses got dissociated from the NIC and deleted to create open IP addresses. For creating the virtual machine, waiting for five minutes resolved the issue.

