Azure 103 Module 4

Hands On - 3

Azure Certification Training

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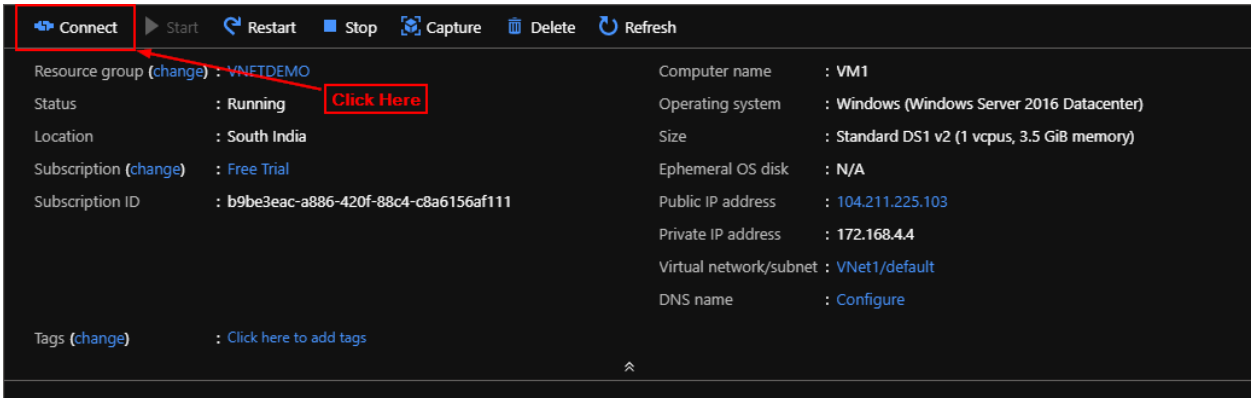
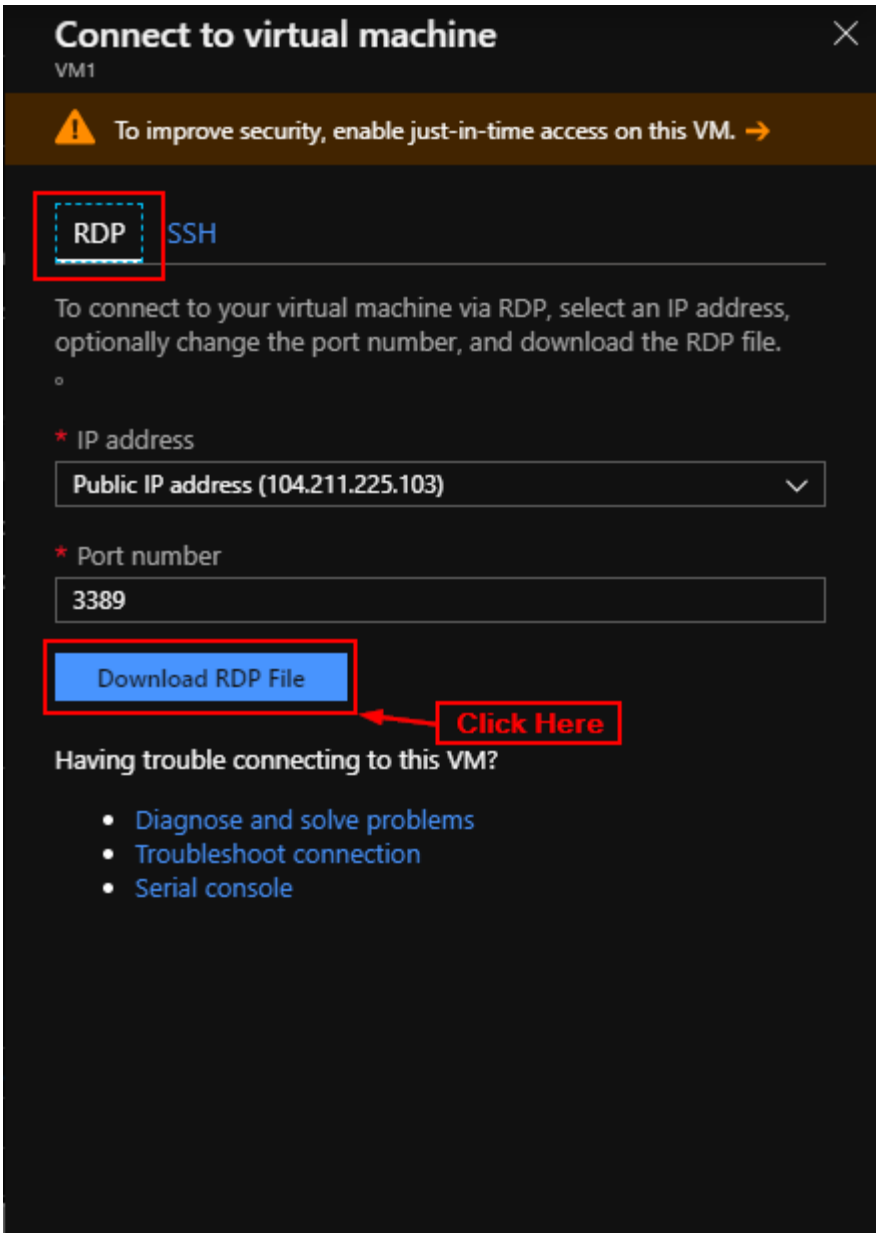
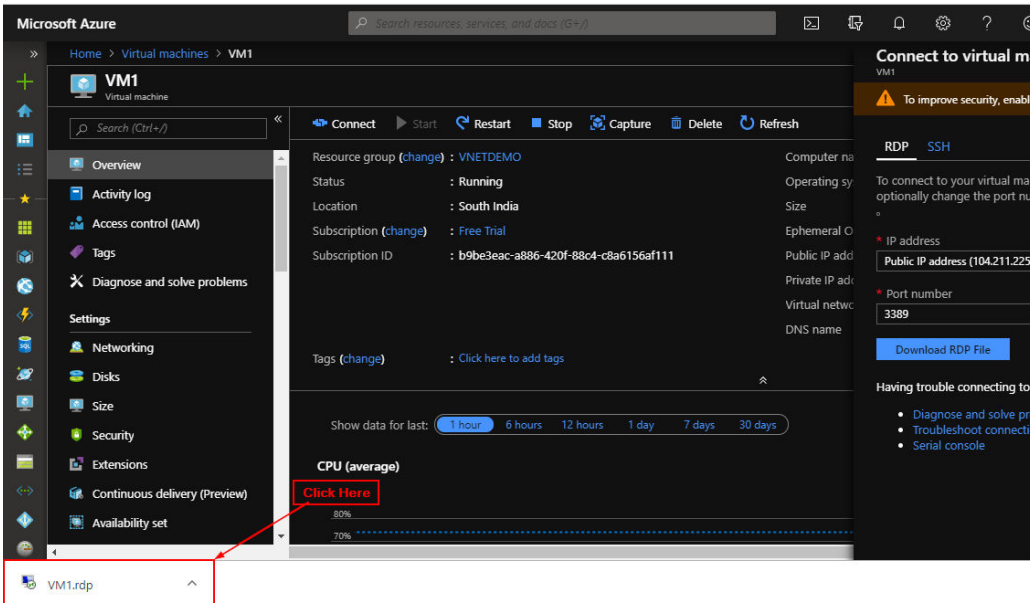
Azure 103 Module 4 , Hands On – 3

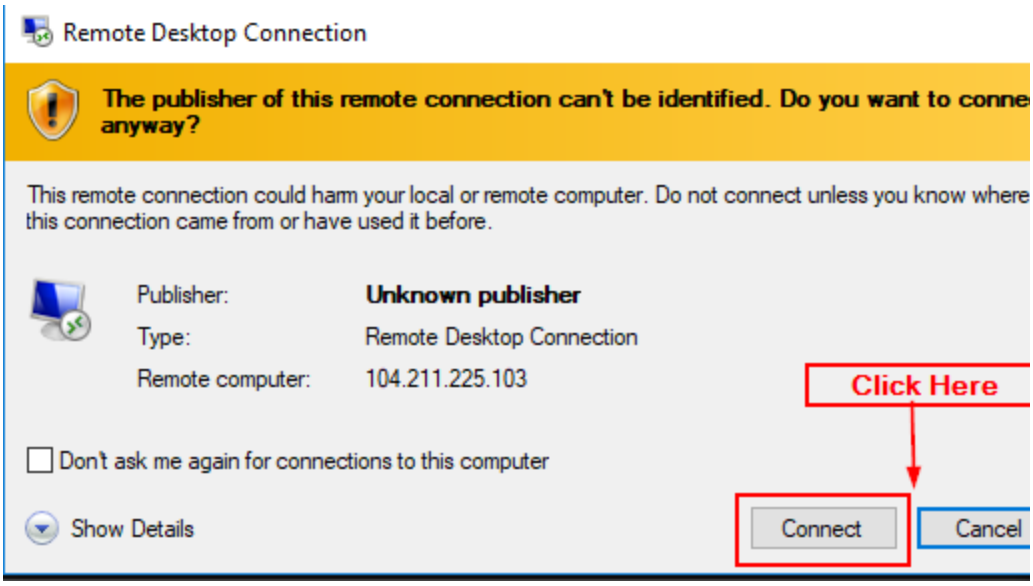
Verify VNET Connectivity

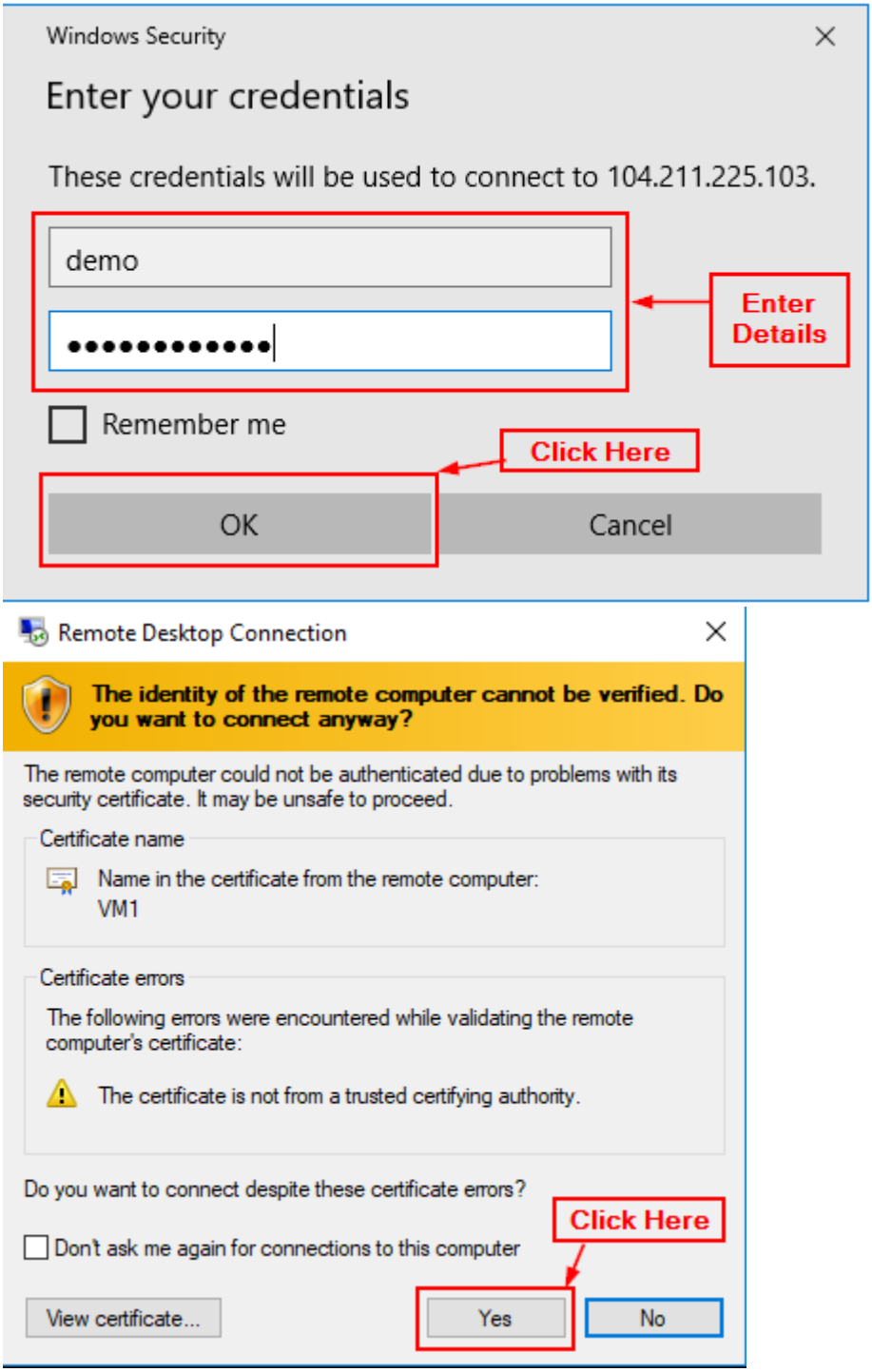
Step 1: Connect to both virtual machines using RDP (Remote Desktop Protocol). (Open the VM Page, click on connect and download the RDP file. Then login using credentials set during VM creation).



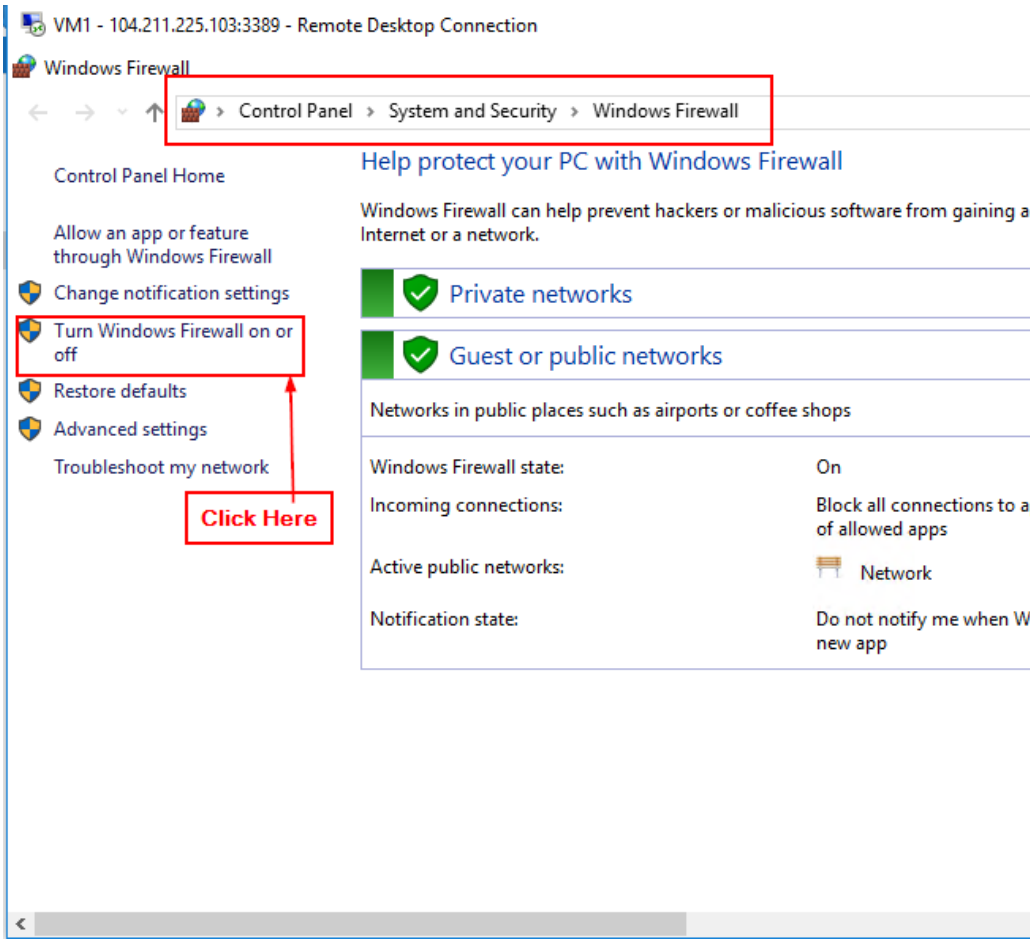

Connect to virtual machine
VM1
To improve security, enable just-in-time access on this VM.
RDP
SSH
To connect to your virtual machine via RDP, select an IP address, optionally change the port number, and download the RDP file.
* IP address
Public IP address (104.211.225.103)
* Port number
3389
Download RDP File
Click Here
Having trouble connecting to this VM?
Diagnose and solve problems
Troubleshoot connection
Serial console

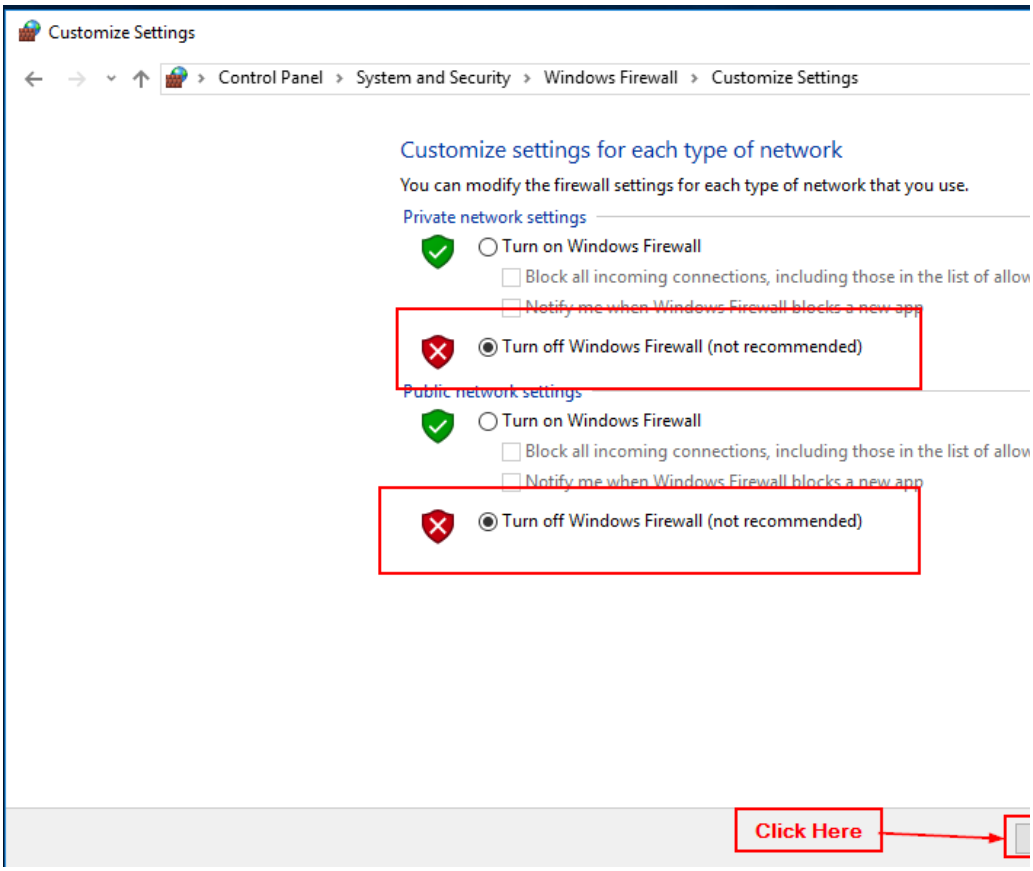

Microsoft Azure
Home > Virtual machines > VM1
VM1
Virtual machine
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Disks
Size
Security
Extensions
Continuous delivery (Preview)
Availability set
Resource group (change) : VNETDEMO
Status : Running
Location : South India
Subscription (change) : Free Trial
Subscription ID : b9be3eac-a886-420f-88c4-c8a6156af111
Tags (change) : Click here to add tags
Show data for last: 1 hour 6 hours 12 hours 1 day 7 days 30 days
CPU (average)
Click Here
80%
70%
Connect to virtual m
VM1
To improve security, enabl
RDP
SSH
To connect to your virtual ma
optionally change the port nu
IP address
Public IP address (104.211.225
Port number
3389
Download RDP File
Having trouble connecting to
Diagnose and solve pr
Troubleshoot connecti
Serial console
VM1.rdp


Remote Desktop Connection
The publisher of this remote connection can't be identified. Do you want to conne
anyway?
This remote connection could harm your local or remote computer. Do not connect unless you know where
this connection came from or have used it before.
Publisher:
Unknown publisher
Type:
Remote Desktop Connection
Remote computer:
104.211.225.103
Click Here
Don't ask me again for connections to this computer
Show Details
Connect
Cancel

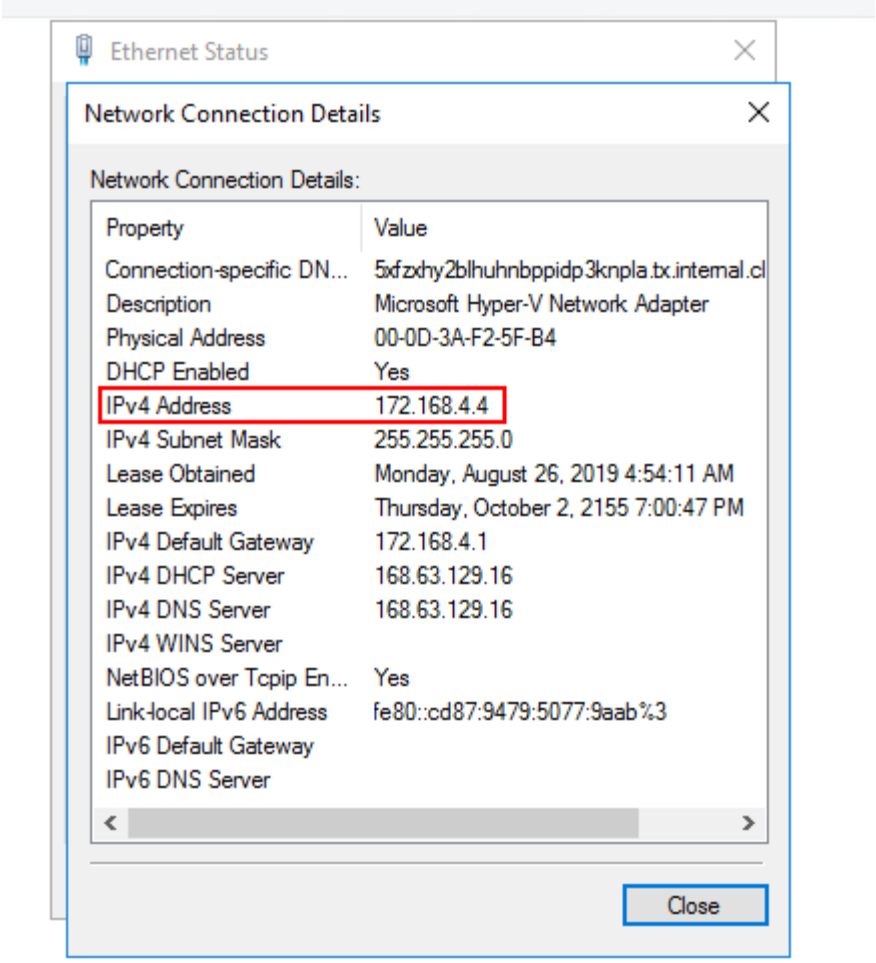


Step 2: Disable firewalls in both VM's (to allow ping command to run).

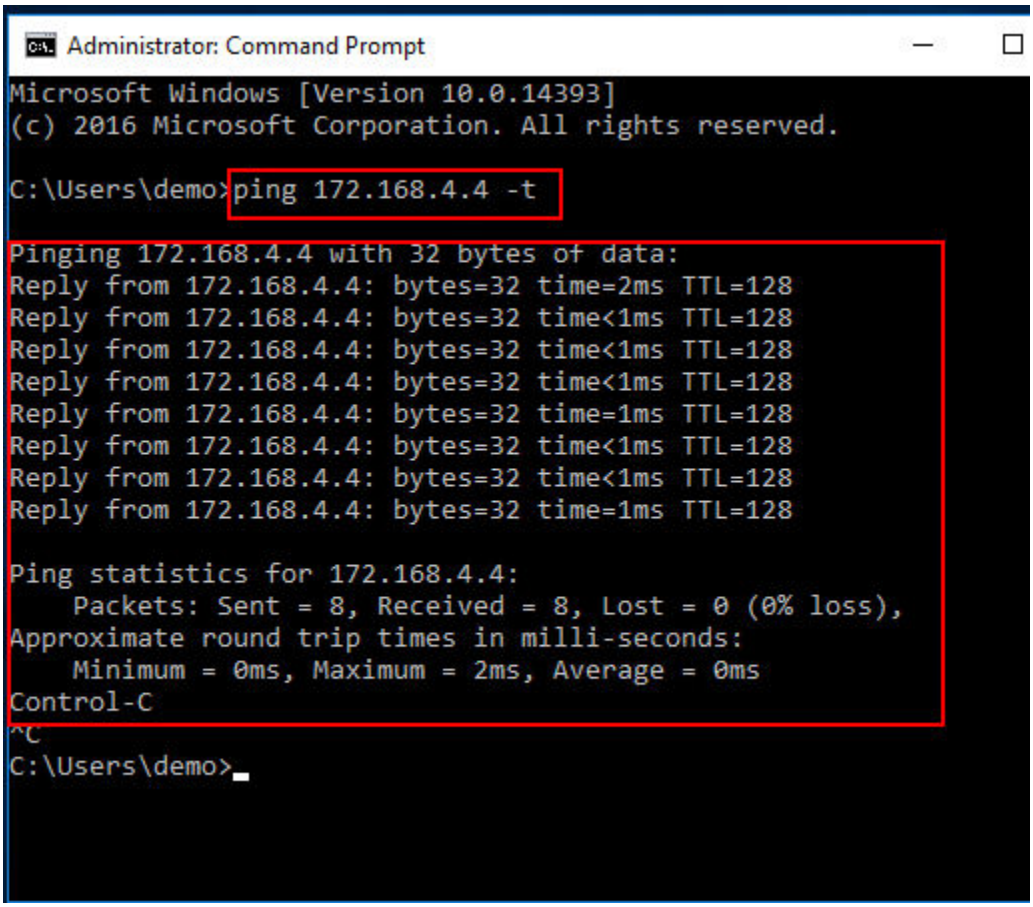

VM1 - 104.211.225.103:3389 - Remote Desktop Connection
Windows Firewall
Control Panel › System and Security › Windows Firewall
Control Panel Home
Allow an app or feature through Windows Firewall
Change notification settings
Turn Windows Firewall on or off
Restore defaults
Advanced settings
Troubleshoot my network
Click Here
Help protect your PC with Windows Firewall
Windows Firewall can help prevent hackers or malicious software from gaining a Internet or a network.
Private networks
Guest or public networks
Networks in public places such as airports or coffee shops
Windows Firewall state:
On
Incoming connections:
Block all connections to a of allowed apps
Active public networks:
Network
Notification state:
Do not notify me when W new app



Step 3: Get the public IP addresses of the VM's (Open all settings > Go to Network and Internet > Click on Ethernet > Click on change adapter setting > Right Click on Ethernet > click on status > Click on details > Note down the IPV4 address).



Step 4: Open CMD in the other VM. Type command 'ping IP -t' [Change IP with the IP of the other VM you are trying to ping]. Notice that you get a reply from the server.


Administrator: Command Prompt
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.
C:\Users\demo>ping 172.168.4.4 -t
Pinging 172.168.4.4 with 32 bytes of data:
Reply from 172.168.4.4: bytes=32 time=2ms TTL=128
Reply from 172.168.4.4: bytes=32 time<1ms TTL=128
Reply from 172.168.4.4: bytes=32 time<1ms TTL=128
Reply from 172.168.4.4: bytes=32 time<1ms TTL=128
Reply from 172.168.4.4: bytes=32 time=1ms TTL=128
Reply from 172.168.4.4: bytes=32 time<1ms TTL=128
Reply from 172.168.4.4: bytes=32 time<1ms TTL=128
Reply from 172.168.4.4: bytes=32 time=1ms TTL=128
Ping statistics for 172.168.4.4:
Packets: Sent = 8, Received = 8, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 2ms, Average = 0ms
Control-C
^C
C:\Users\demo>