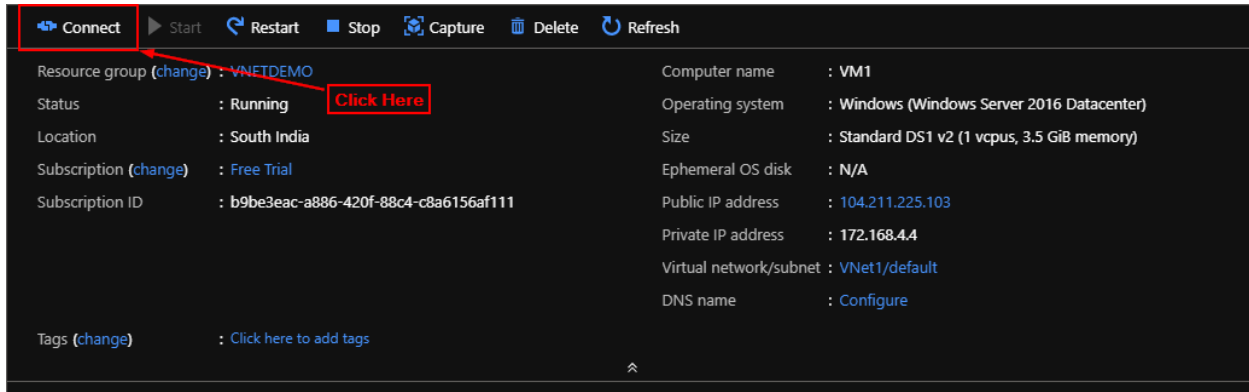


Azure 104 Module 6, Hands On – 3

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 Start Restart Stop Capture Delete Refresh

Resource group (change) : VNEDEMO

Status : Running [Click Here](#)

Location : South India

Subscription (change) : Free Trial

Subscription ID : b9be3eac-a886-420f-88c4-c8a6156af111

Computer name : VM1

Operating system : Windows (Windows Server 2016 Datacenter)

Size : Standard DS1 v2 (1 vcpu, 3.5 GiB memory)

Ephemeral OS disk : N/A

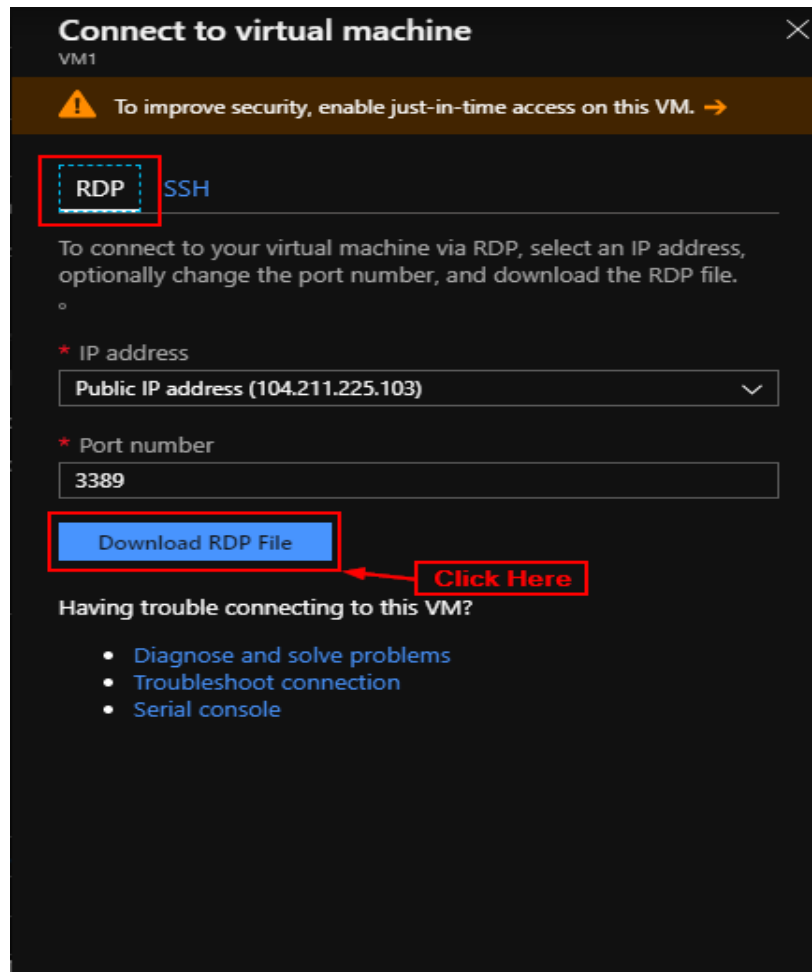
Public IP address : 104.211.225.103

Private IP address : 172.168.4.4

Virtual network/subnet : VNet1/default

DNS name : Configure

Tags (change) : [Click here to add tags](#)



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.

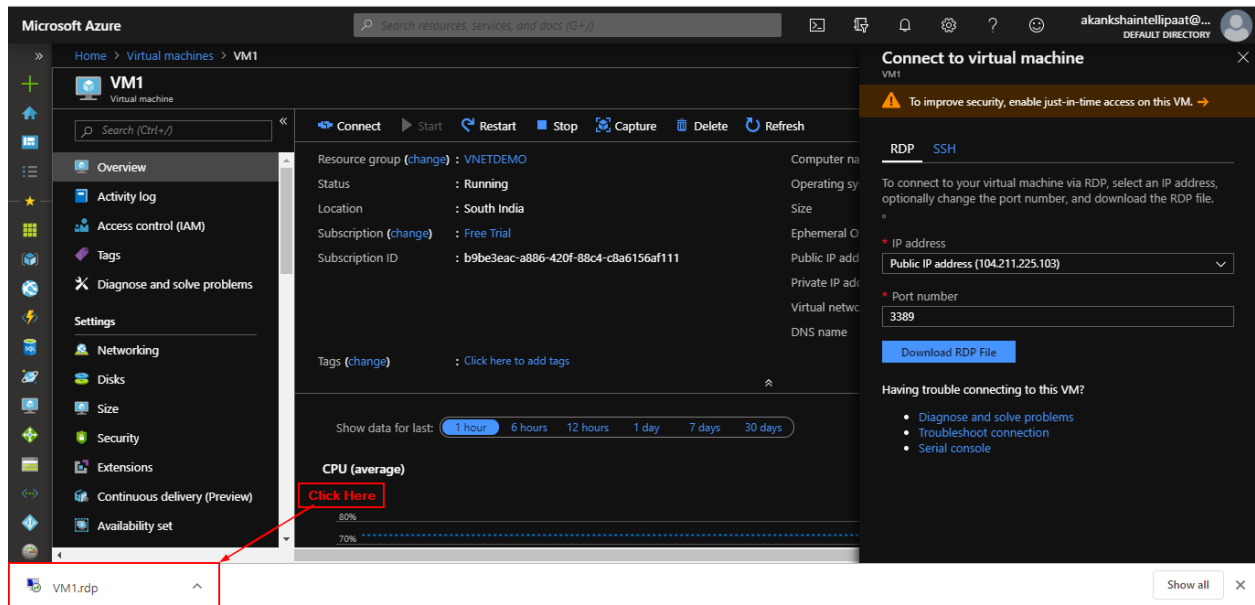
* IP address
Public IP address (104.211.225.103)

* 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

Search (Ctrl+J)

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) : VNEDEMO

Status : Running

Location : South India

Subscription (change) : Free Trial

Subscription ID : b9be3eac-a886-420f-88c4-c8a6156af111

Tags (change) : Click here to add tags

Computer name

Operating system

Size

Ephemeral OS

Public IP address

Private IP address

Virtual network

DNS name

Connect Start Restart Stop Capture Delete Refresh

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

Having trouble connecting to this VM?

- Diagnose and solve problems
- Troubleshoot connection
- Serial console

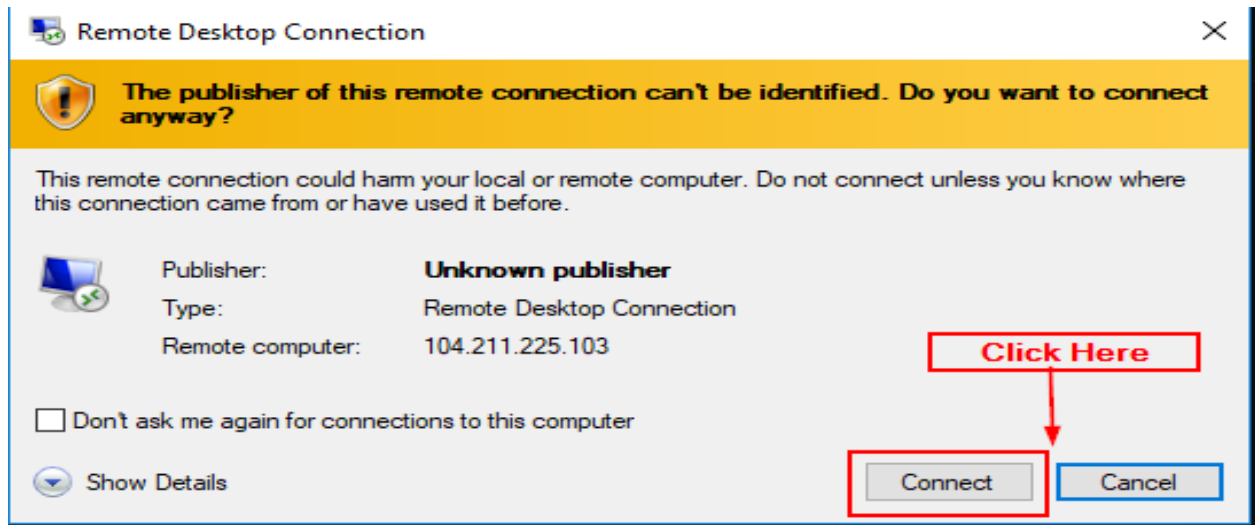
Show data for last: 1 hour 6 hours 12 hours 1 day 7 days 30 days

CPU (average)

Click Here

VM1.rdp

Show all



Remote Desktop Connection

The publisher of this remote connection can't be identified. Do you want to connect 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

☐ Don't ask me again for connections to this computer

Show Details

Click Here

Connect Cancel

Windows Security

Enter your credentials


These credentials will be used to connect to 104.211.225.103.

☐ Remember me

Enter Details →


Click Here →

Remote Desktop Connection

 **The identity of the remote computer cannot be verified. Do you want to connect anyway?**

The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.

Certificate name

 Name in the certificate from the remote computer:
VM1

Certificate errors

The following errors were encountered while validating the remote computer's certificate:

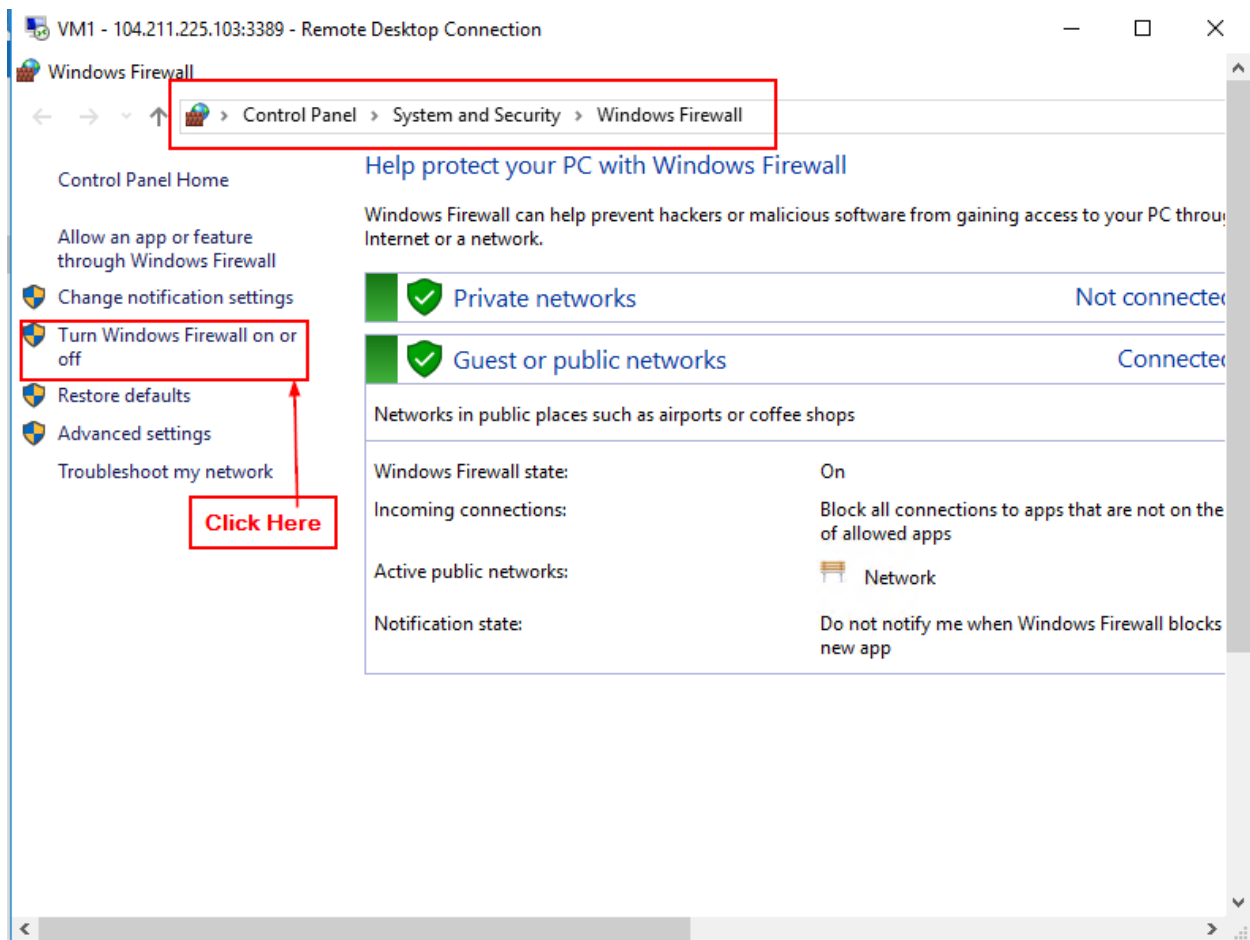
 The certificate is not from a trusted certifying authority.

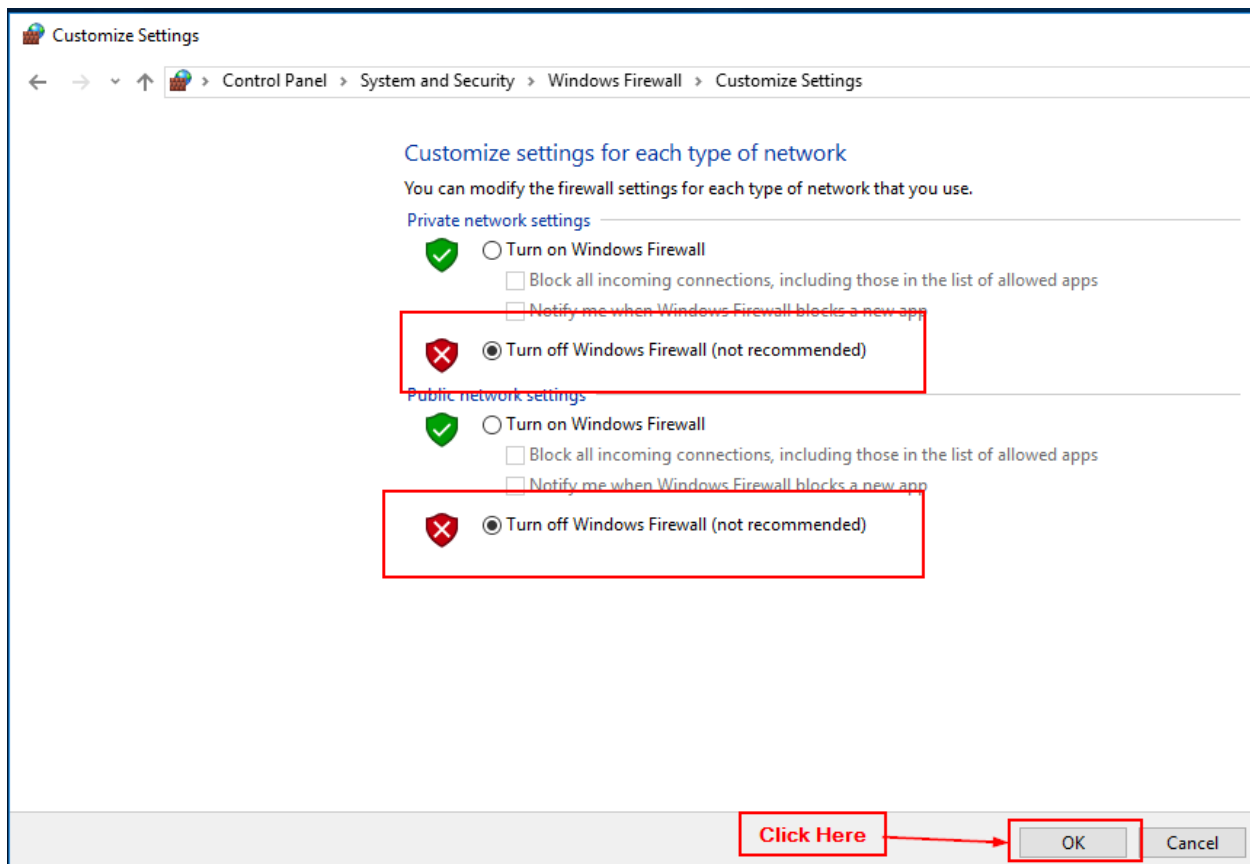
Do you want to connect despite these certificate errors?

☐ Don't ask me again for connections to this computer

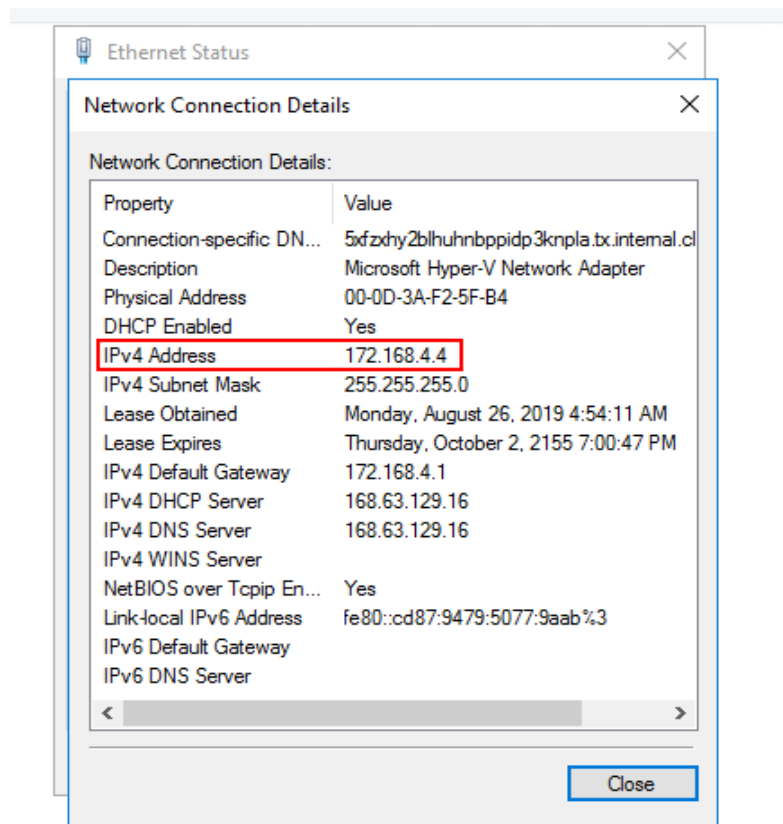
Click Here →

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

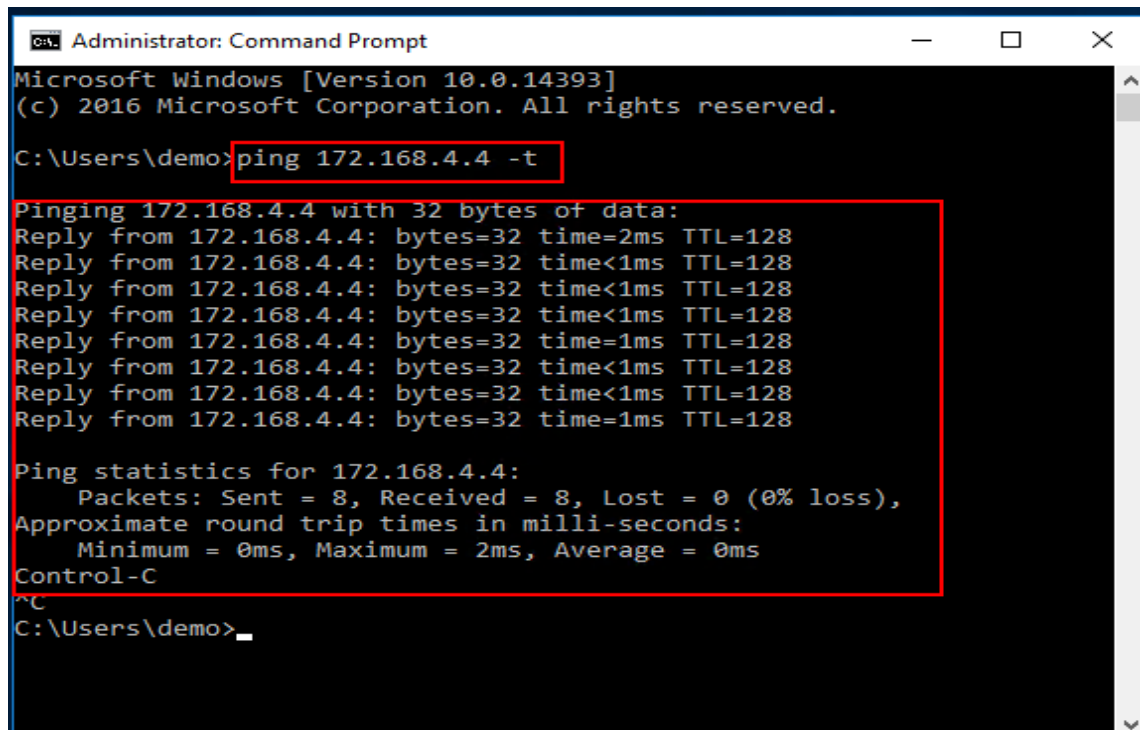




Step 3: Get the public IP addresses of the VM's (Open all settings > Go to Network and Internet > Click on Ethernet > Click on change adapter setting > Right Click on Ethernet > click on status > Click on details > Note down the IPV4 address).



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>
```