

INFO 2416 S11

Lab #1 : Installing Windows Server and Client on a Virtual Machine

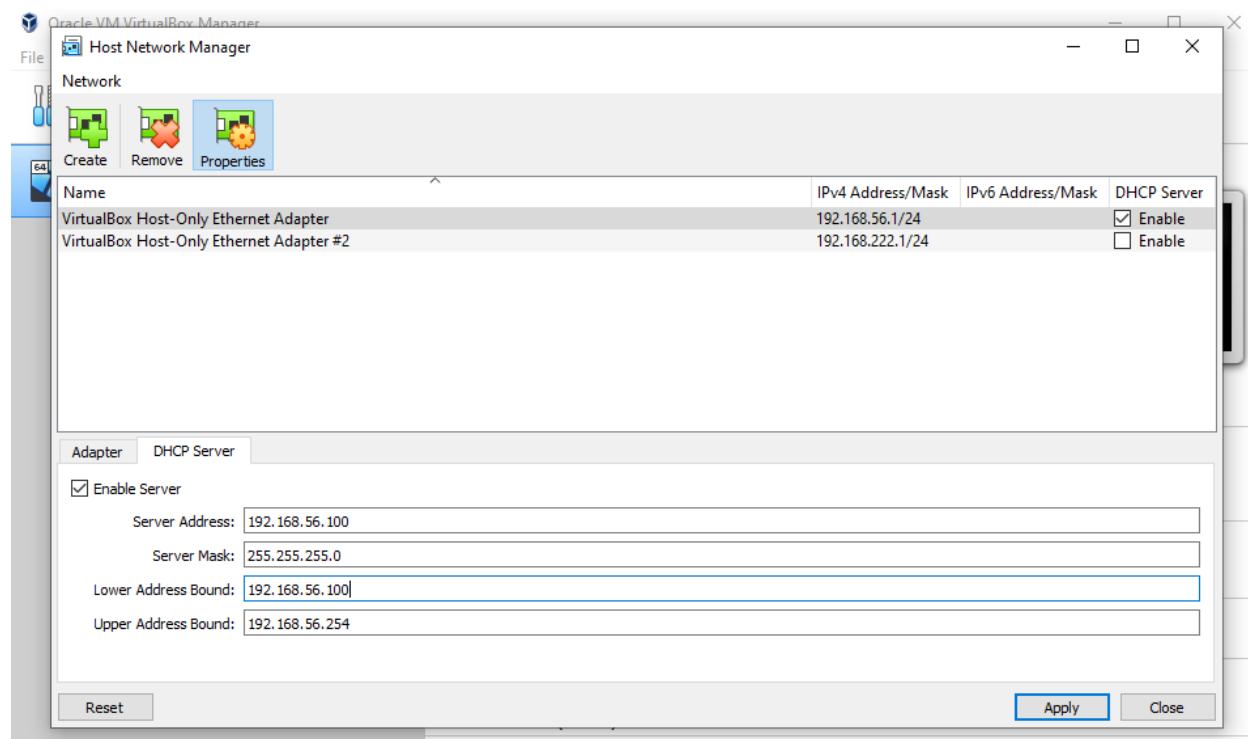
Annze Julia Villena

100372699

Date Submission: September 24, 2020

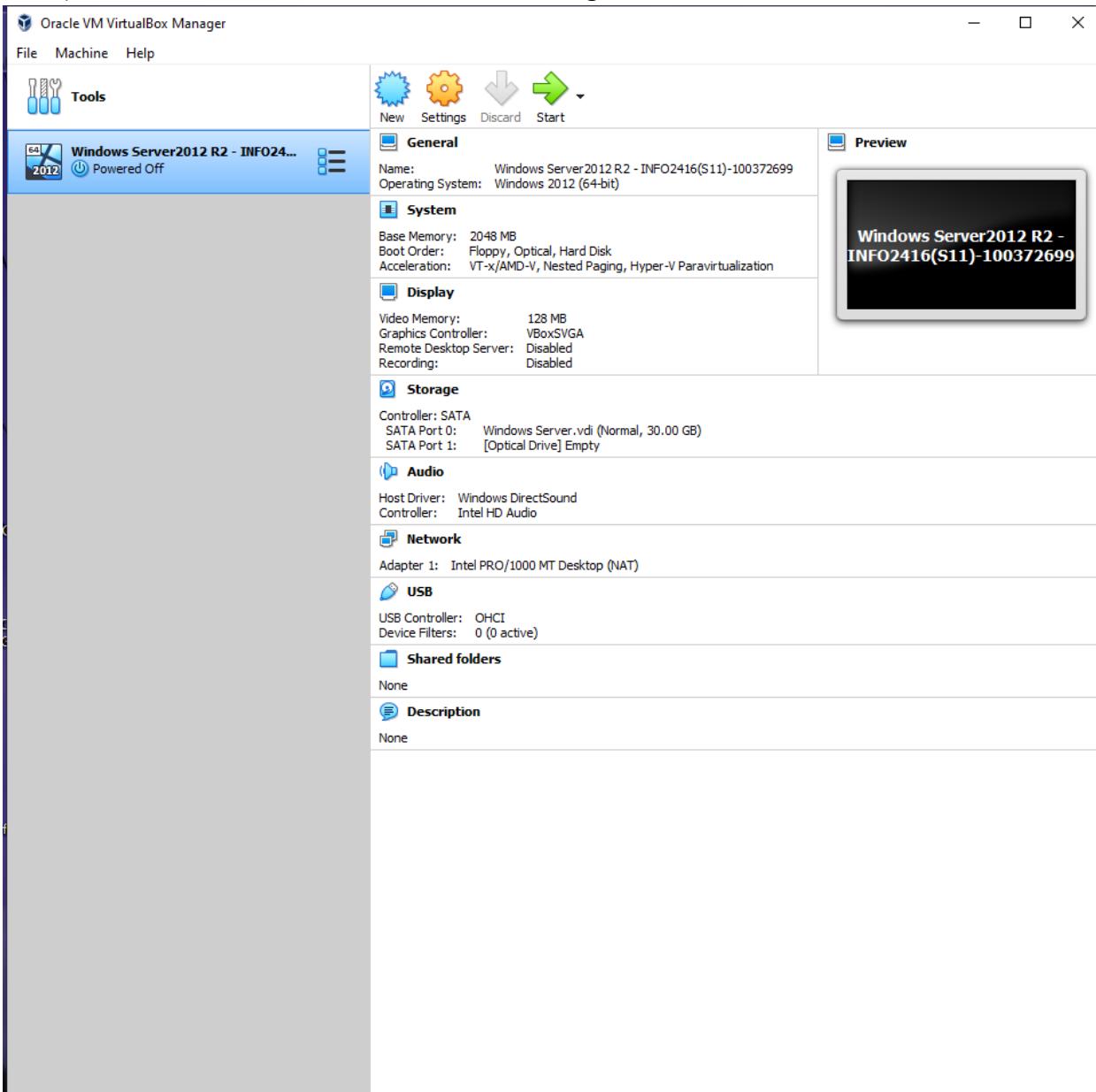
## Create a host-only network

### 3. d. iii ) Host-Only DHCP Server settings

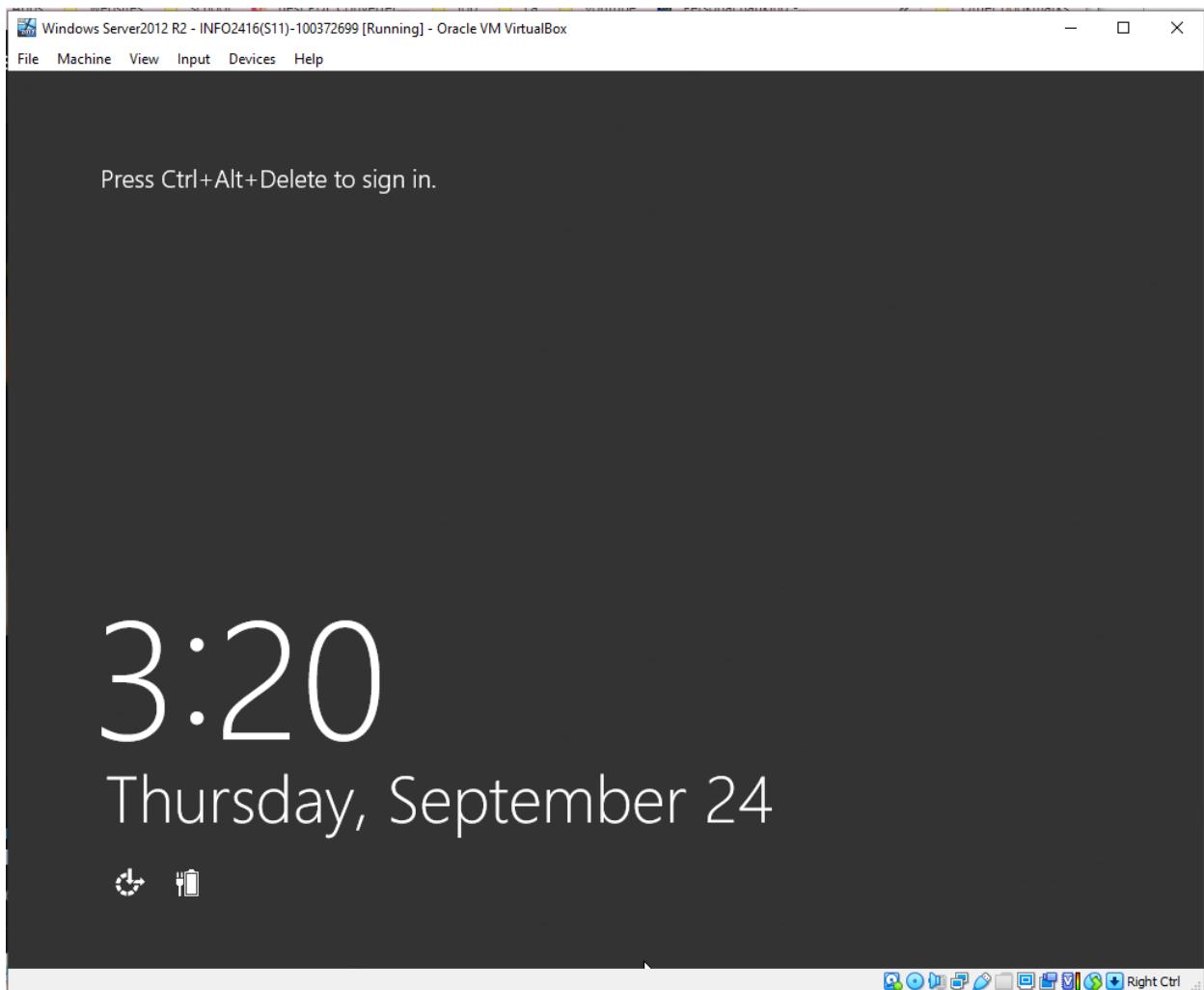


## Create Windows 10 and Windows Server 2012 R2 VMs

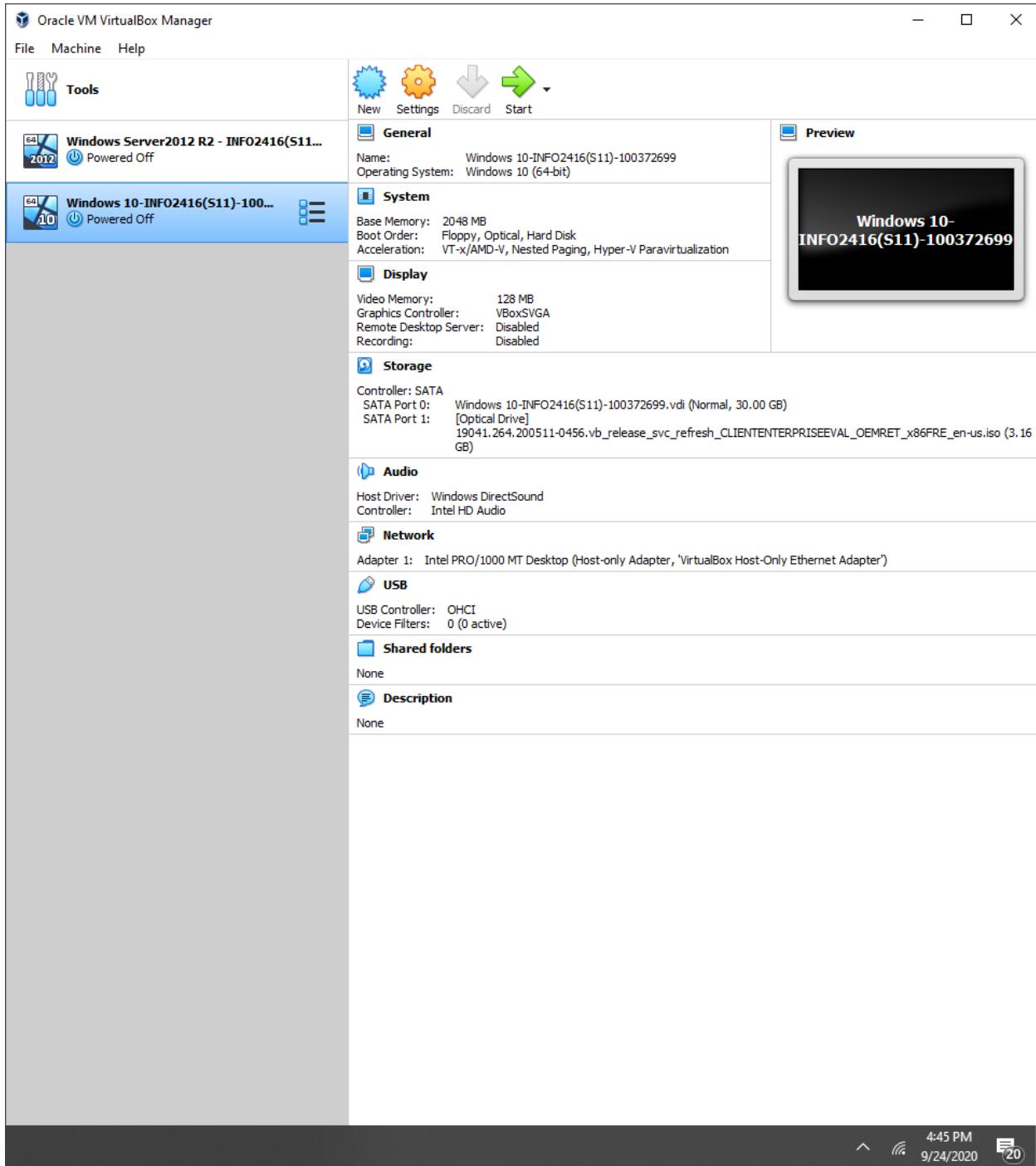
### 4.a.vi) Windows Server VM and its hardware settings



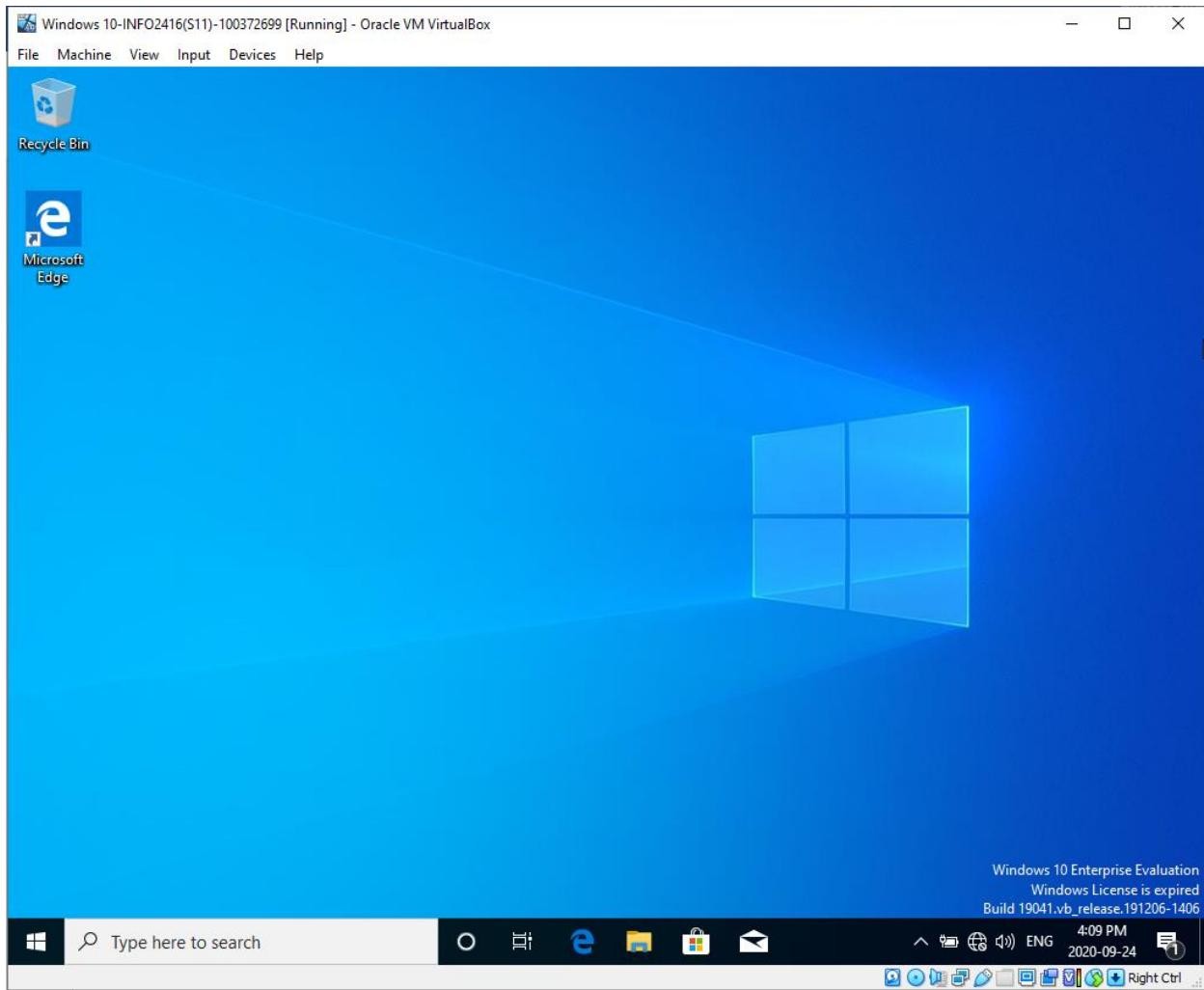
c) Windows Server 2012 VM start screen; Date and time displayed



5.a.vi) Windows 10 VM and hardware settings; Date and Time (I had missed this screenshot in the earlier steps therefore took a screenshot after completing everything)



## 5.b.vi) Windows 10 VM desktop



## Demonstrate that two VMs can communicate

#### 6.a.i) Windows Server R2 VM IPv4 settings

The screenshot shows a Windows Server 2012 R2 desktop environment. At the top, the taskbar includes icons for File Explorer, Task View, Start, Task Switcher, and a search bar. The system tray shows the date and time as 3:25 PM on 9/24/2020, along with icons for battery, signal, and network.

The main window is an "Administrator: Command Prompt" window with a blue title bar. It displays the following command-line output:

```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

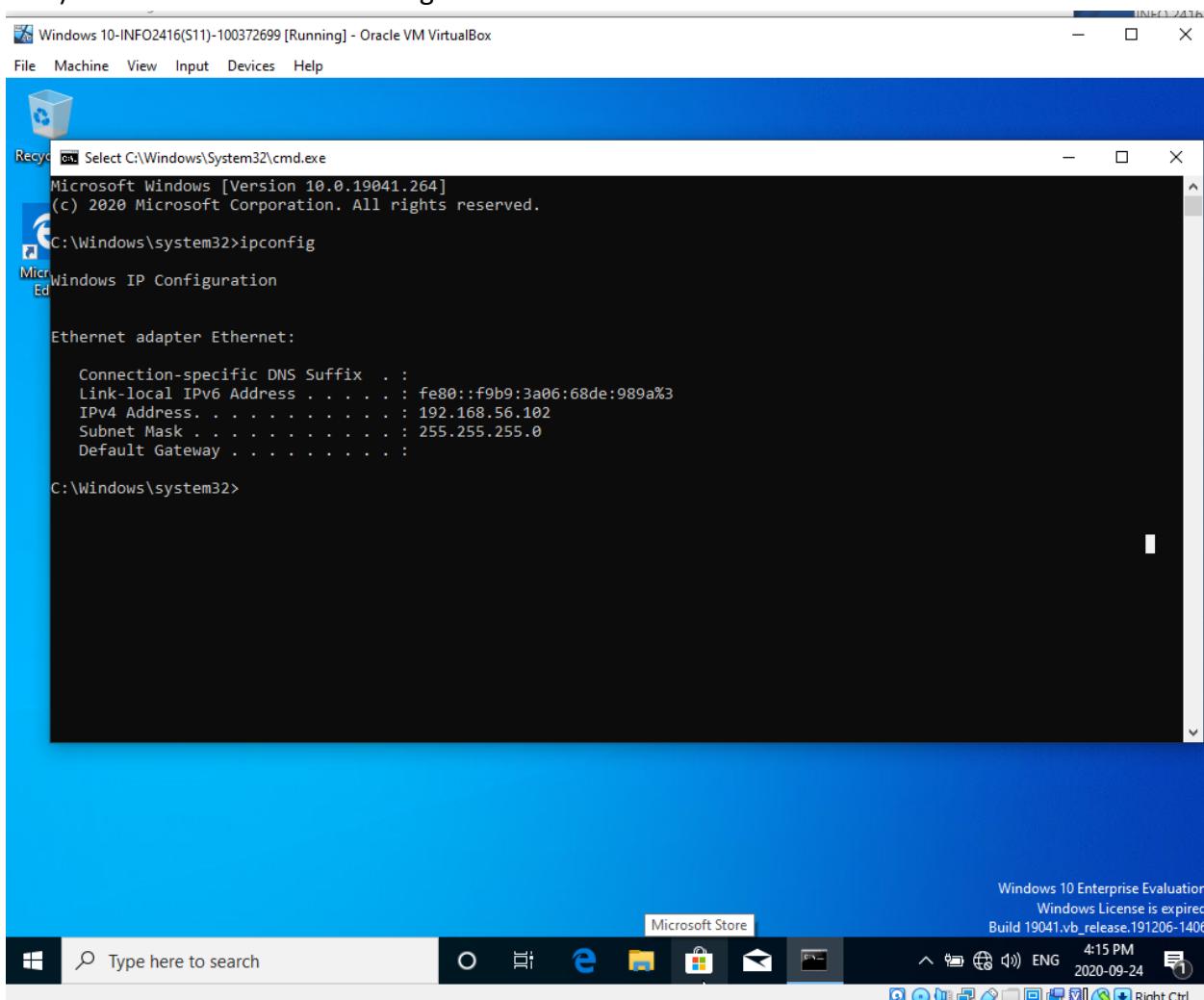
  Connection-specific DNS Suffix . :
  Link-local IPv6 Address . . . . . : fe80::10c:57e3:59be:546a%12
  IPv4 Address . . . . . : 192.168.56.101
  Subnet Mask . . . . . : 255.255.255.0
  Default Gateway . . . . . :

Tunnel adapter isatap.{FEC43E46-3564-4E2D-AF3C-0EAD21998DD6}:

  Media State . . . . . : Media disconnected
  Connection-specific DNS Suffix . . . . . :
```

Below the command prompt window, the desktop background features the Windows Server 2012 R2 logo and the text "Windows Server 2012 R2 Standard Evaluation". A status bar at the bottom indicates "Windows License is expired" and "Build 9600".

### 7.a.i) Windows 10 VM IPv4 settings



Windows 10-INFO2416(S11)-100372699 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

```
Recycle Select C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19041.264]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Windows\system32>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

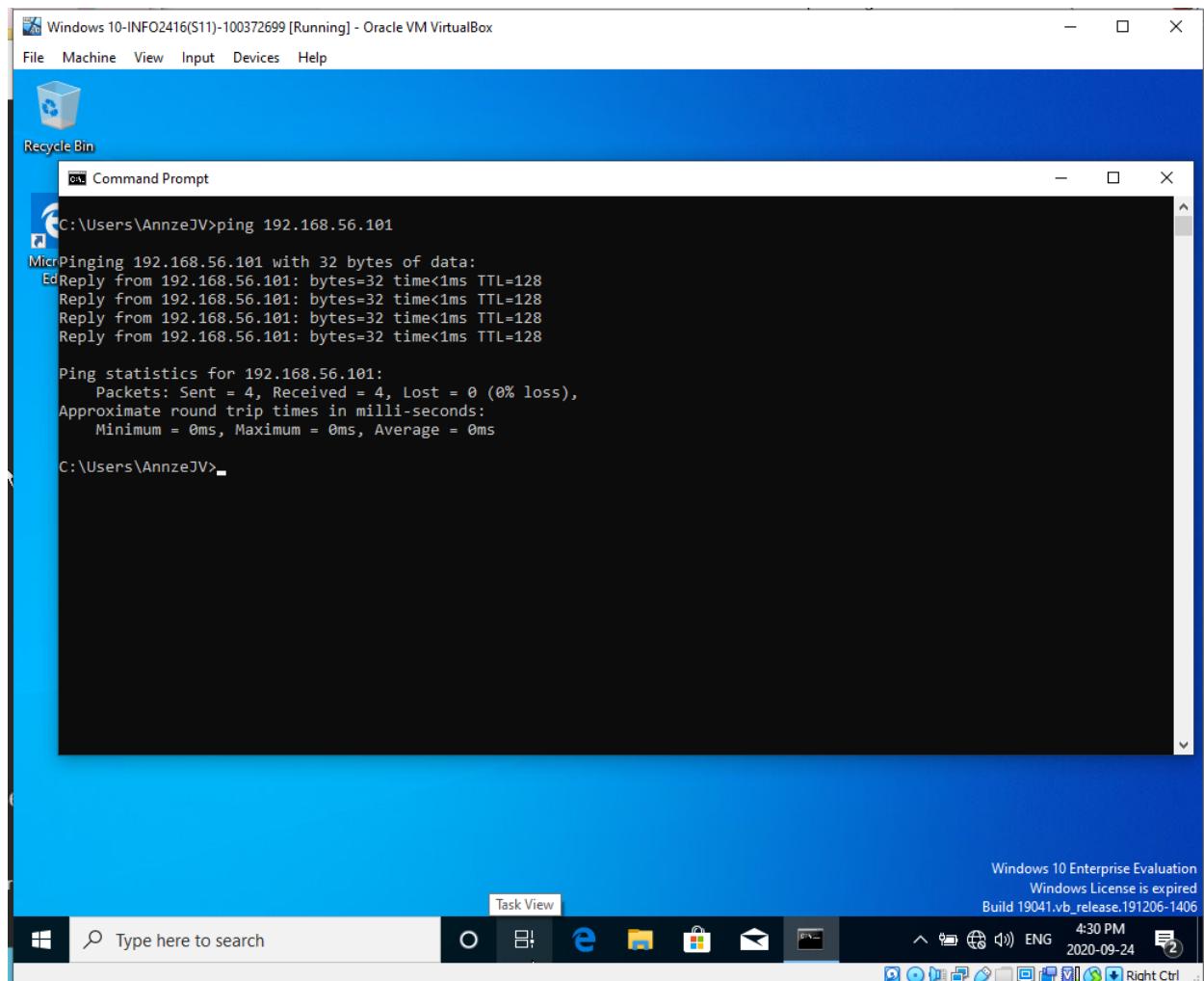
Connection-specific DNS Suffix . . . .
Link-local IPv6 Address . . . . . : fe80::f9b9:3a06:68de:989a%3
IPv4 Address . . . . . : 192.168.56.102
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . :

C:\Windows\system32>
```

Windows 10 Enterprise Evaluation  
Windows License is expired  
Build 19041.vb\_release.191206-1406

Type here to search Microsoft Store 4:15 PM  
ENG 2020-09-24 Right Ctrl

### 9.b.iii) Windows 10 VM successful ping to Windows Server 2012



### 9.c.iii) Windows Server 2012 successful ping to Window 10

