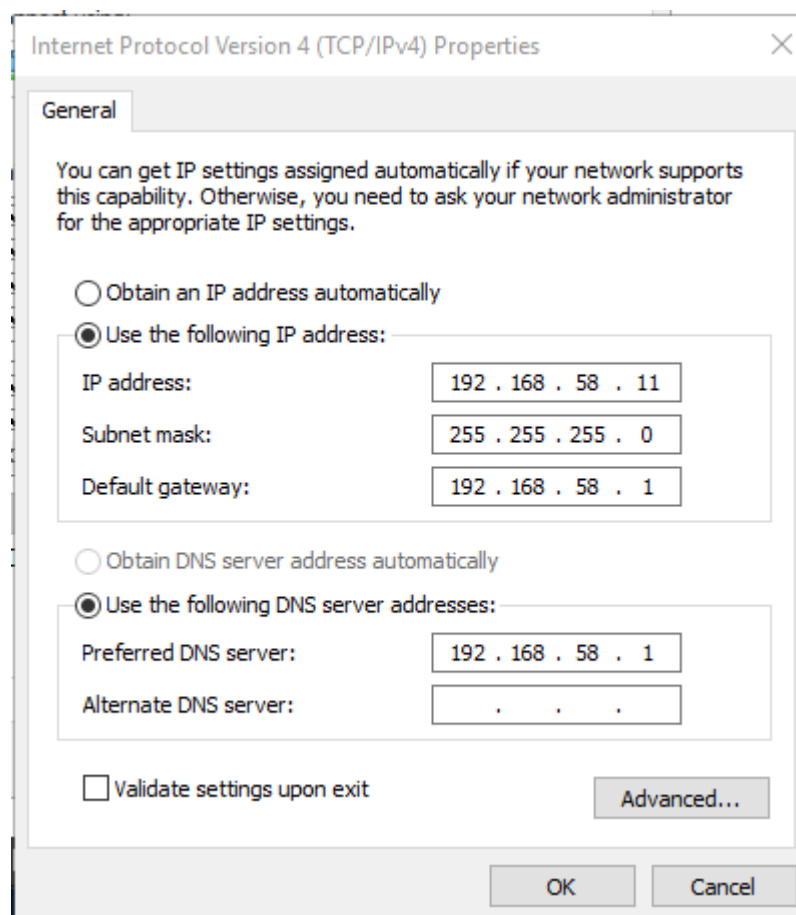


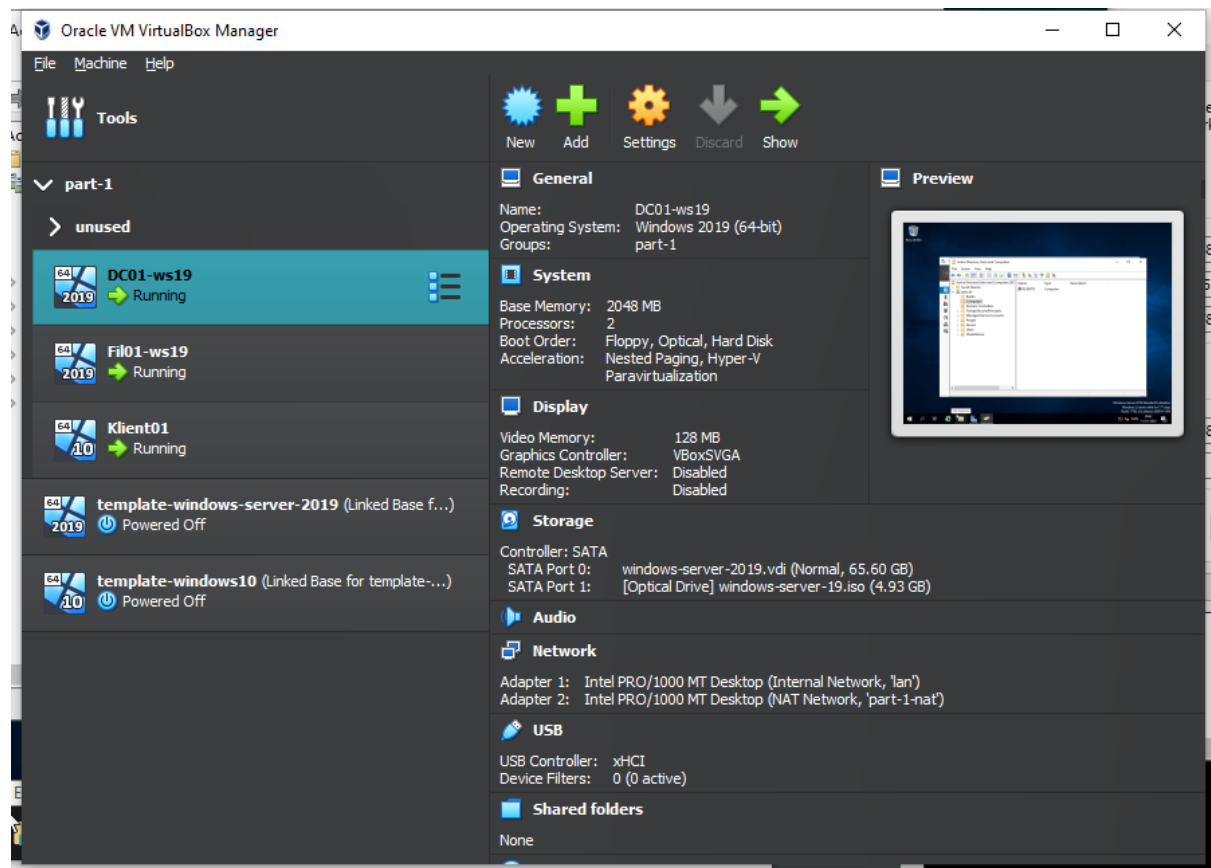
Part 1

Task 1

We set up 3 servers, 1 windows 10 and 2 window server 2019 edition as vms in virtualbox. The 2 servers, named DC01 and Fil01 was setup with the static ip's 192.168.58.10 and 192.168.58.11 respectively. The windows 10, names Klient01 was setup with unspecified ip. All vms had a network adapter using 'internal network' called 'lan', this allows for internal communication. DC01 has an additional adapter, 'NAT', which is used to communicate with the outside world.

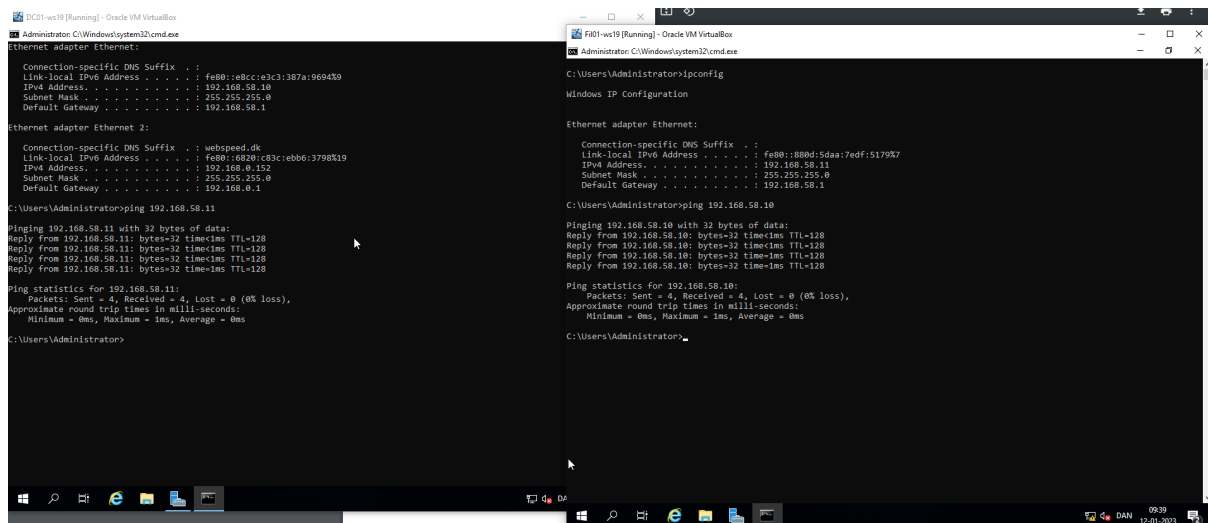
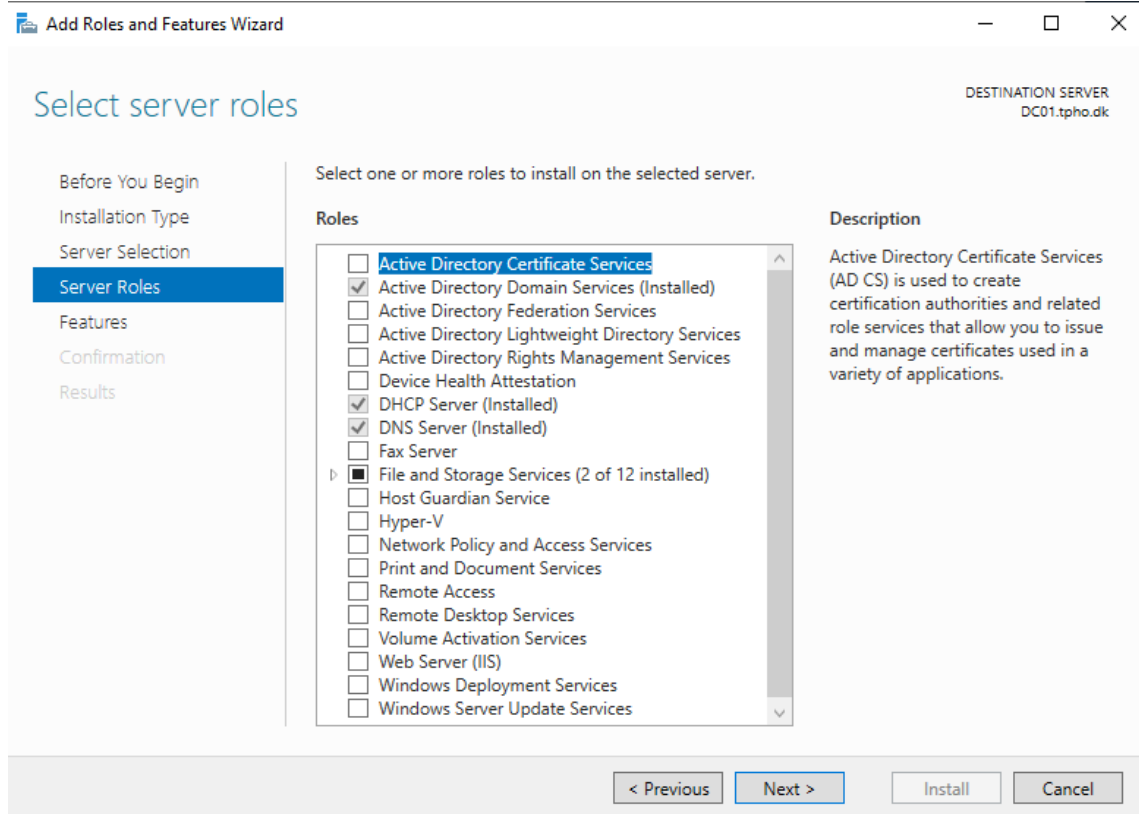


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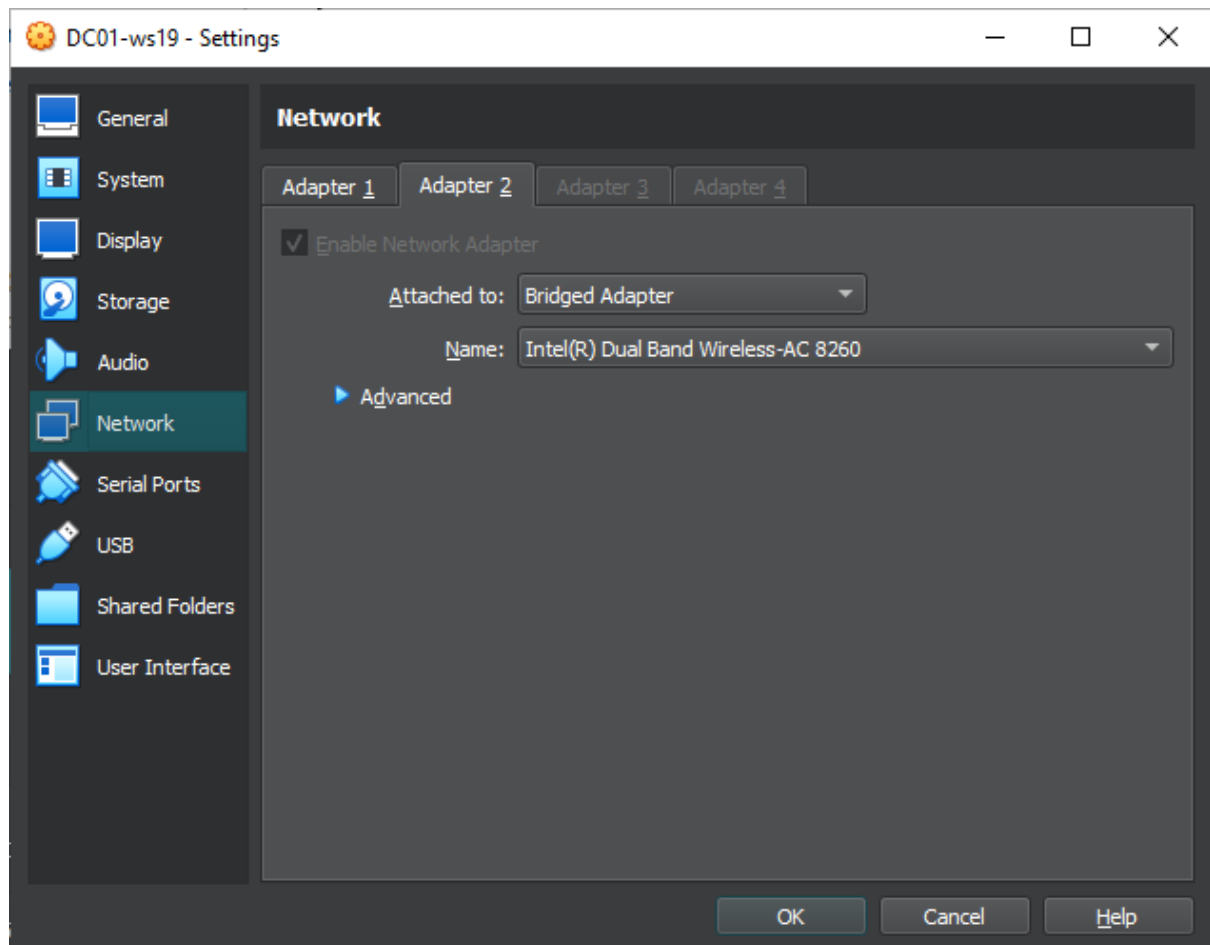


Task 2

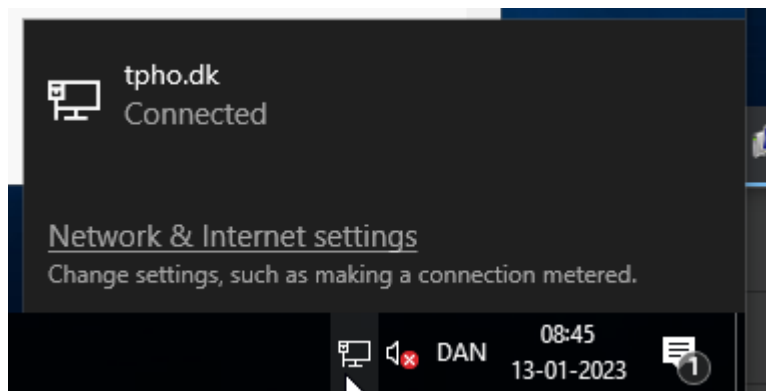
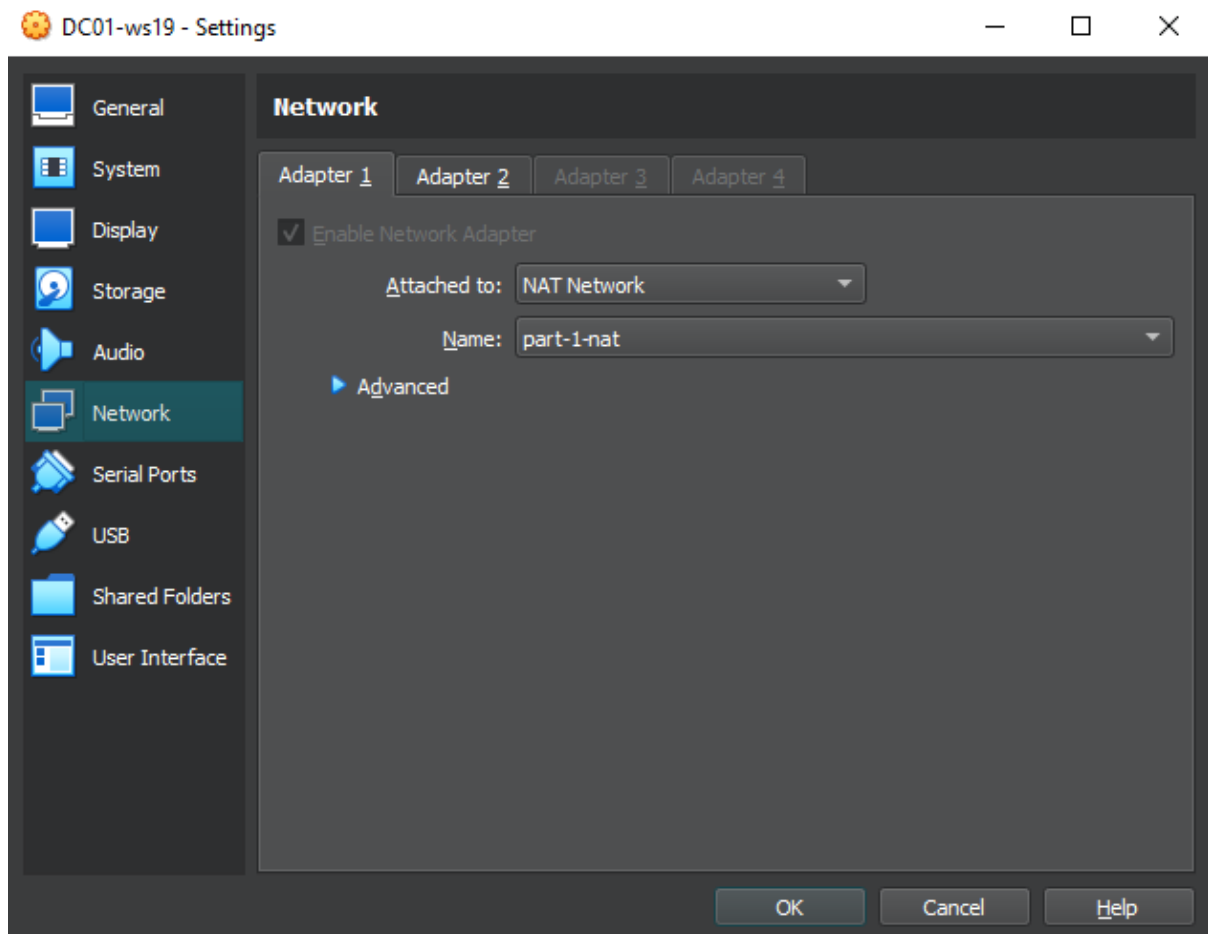
DNS and ADDS called 'tpho.dk' was installed on DC01.



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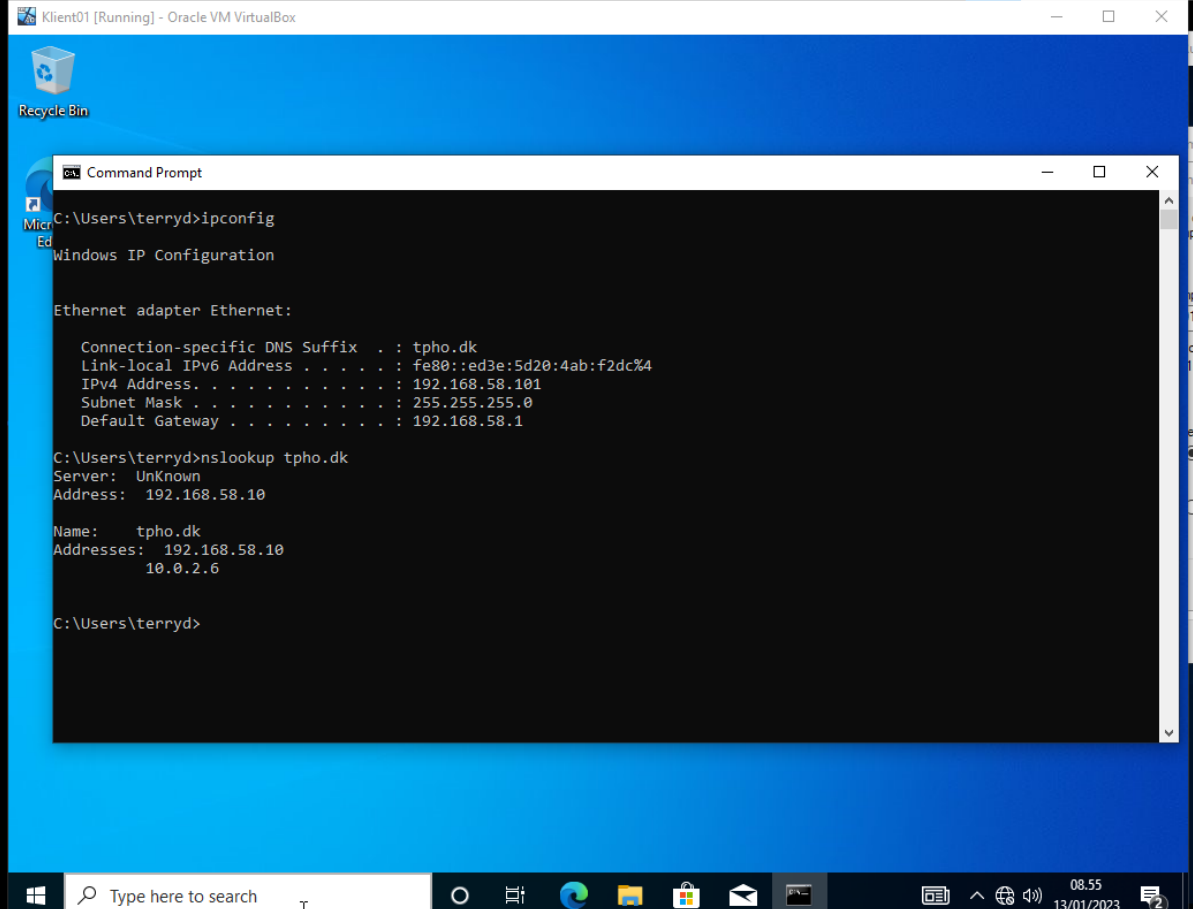
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Task 3

Klient01 has an unspecified/dynamic ip, and when connected to the network with DC01 running, it obtains an ip in the specified range of 192.168.58.100 to 192.168.58.150. Fil01 keeps its static ip.

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```
C:\Users\terryd>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : tpho.dk
    Link-local IPv6 Address . . . . . : fe80::ed3e:5d20:4ab:f2dc%4
    IPv4 Address. . . . . : 192.168.58.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.58.1

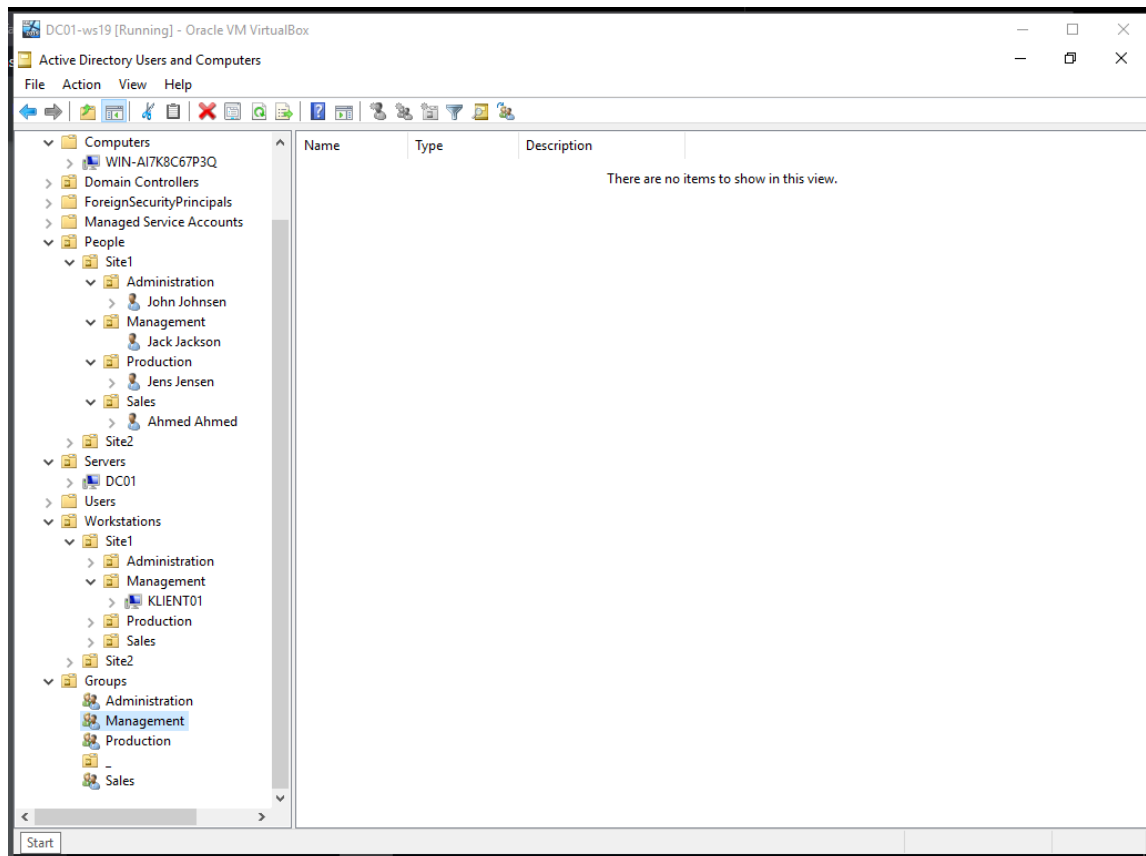
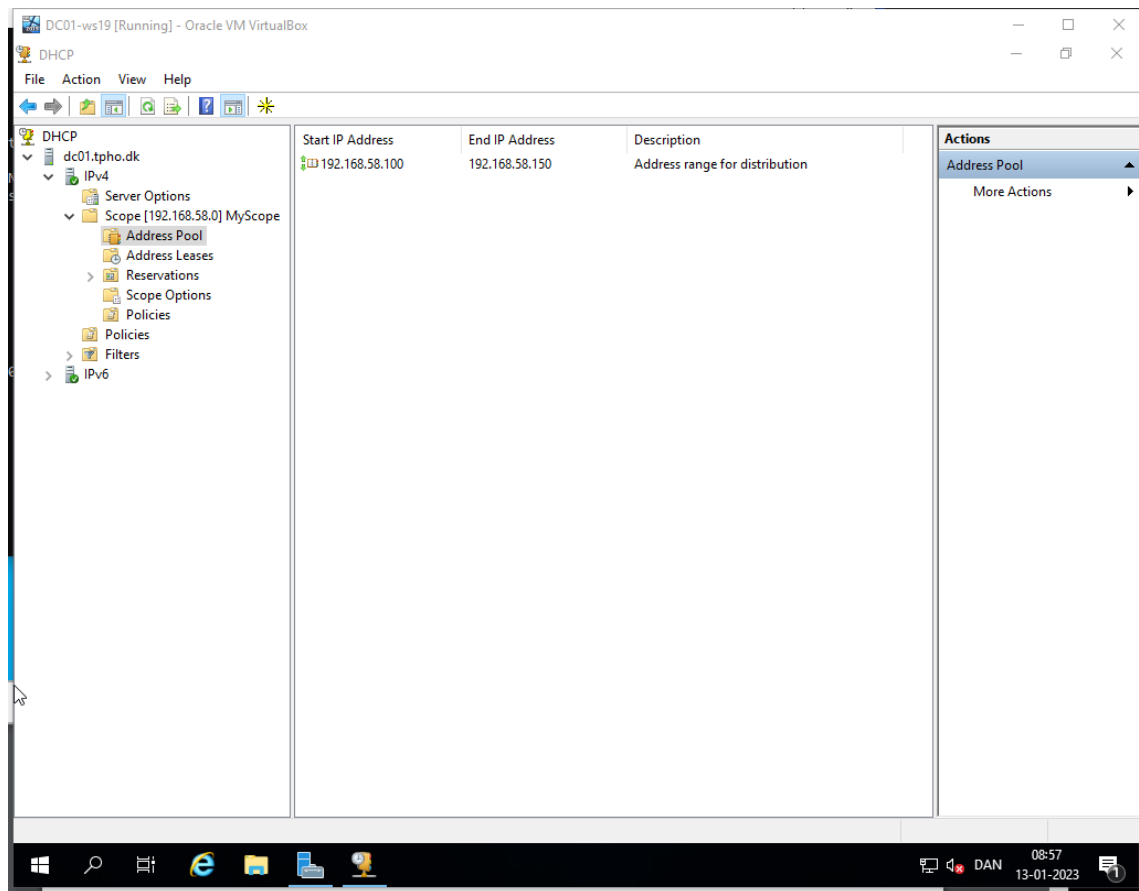
C:\Users\terryd>nslookup tpho.dk
Server: UnKnown
Address: 192.168.58.10

Name:     tpho.dk
Addresses: 192.168.58.10
          10.0.2.6

C:\Users\terryd>
```

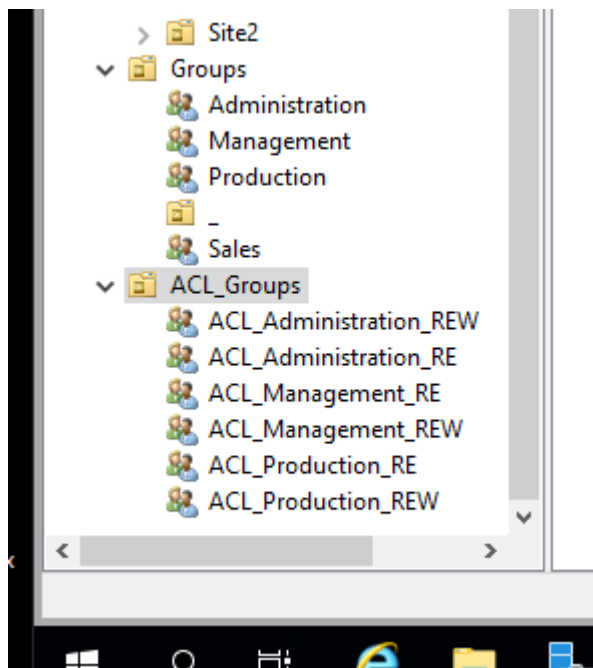
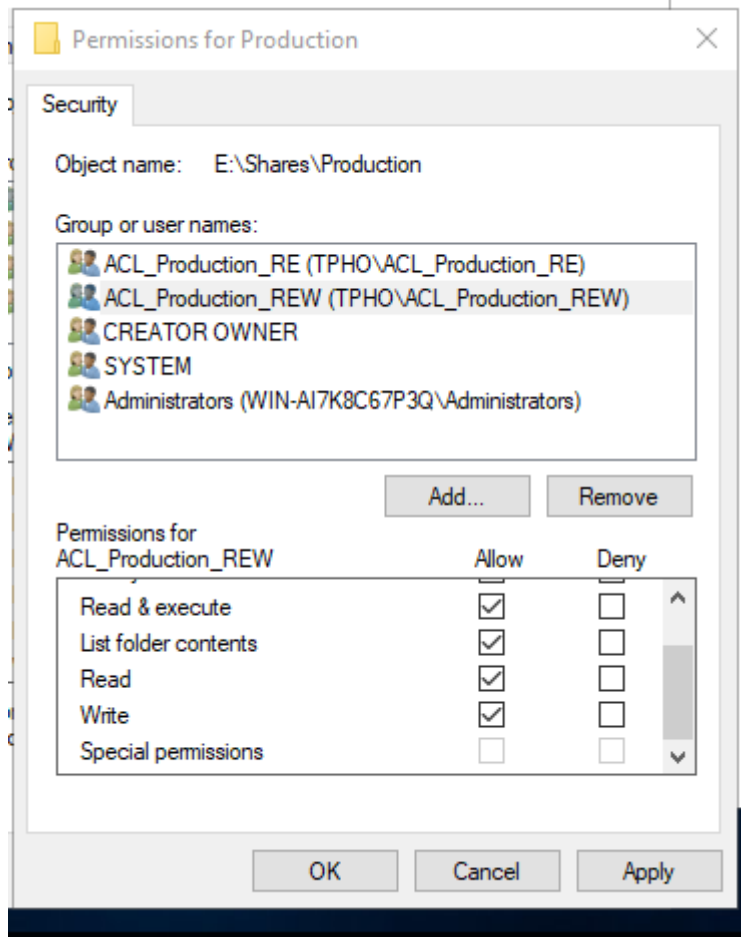
Task 4

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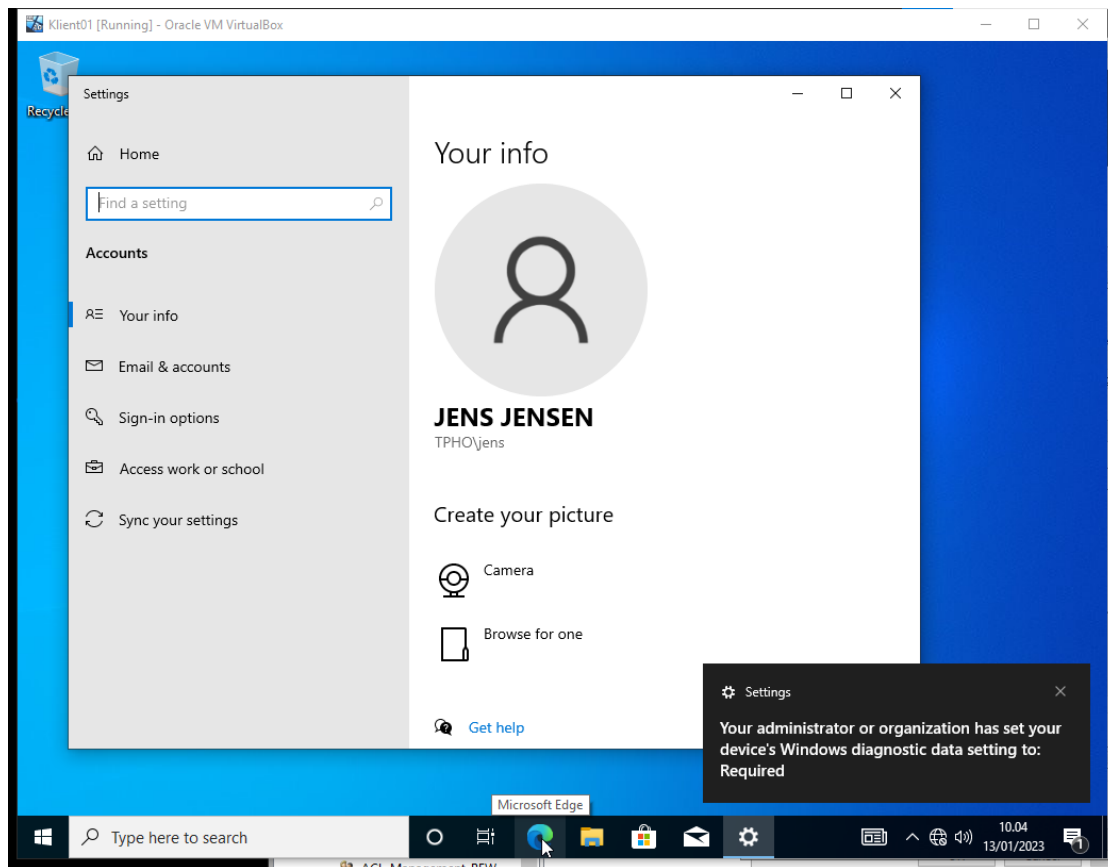
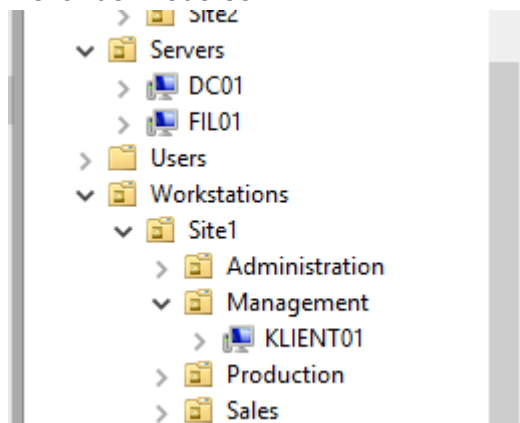


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Task 5



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