



# *OPERATING SYTEMS*

*Juan Martin*

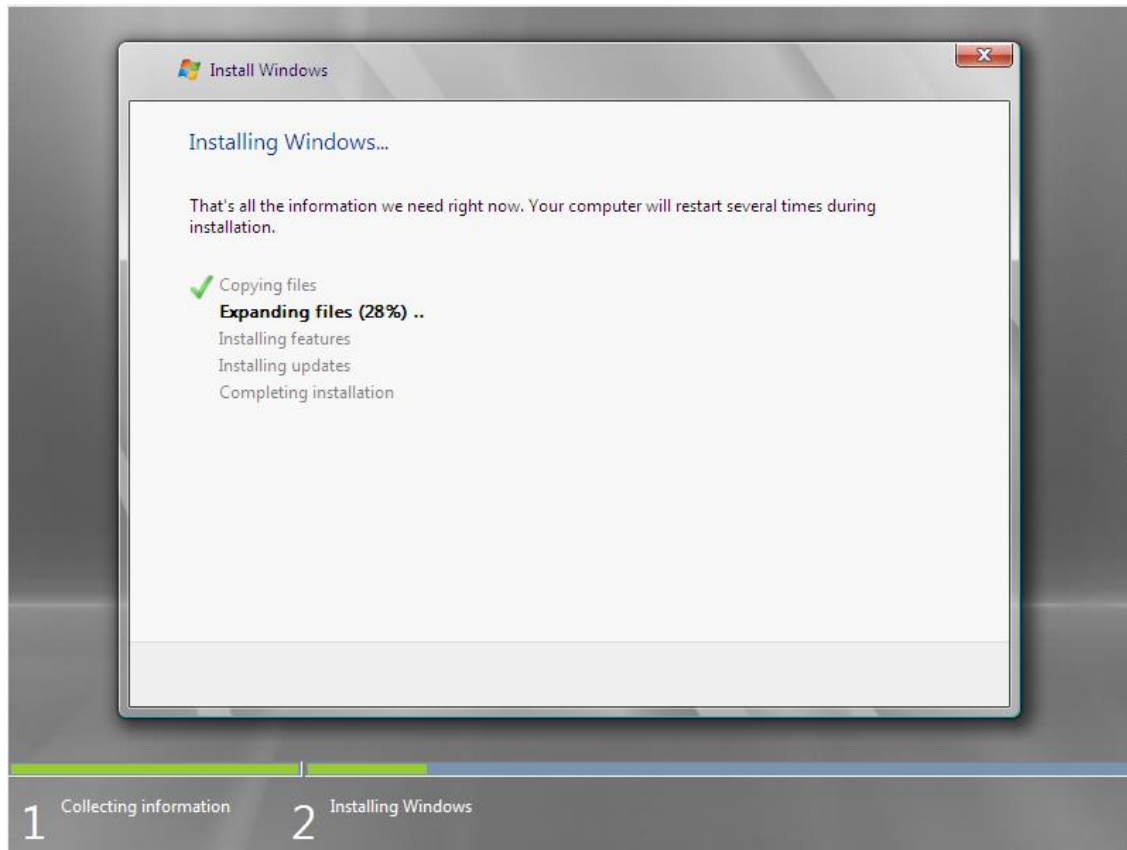
*Student ID: 2016435*

*Faculty of IT.*

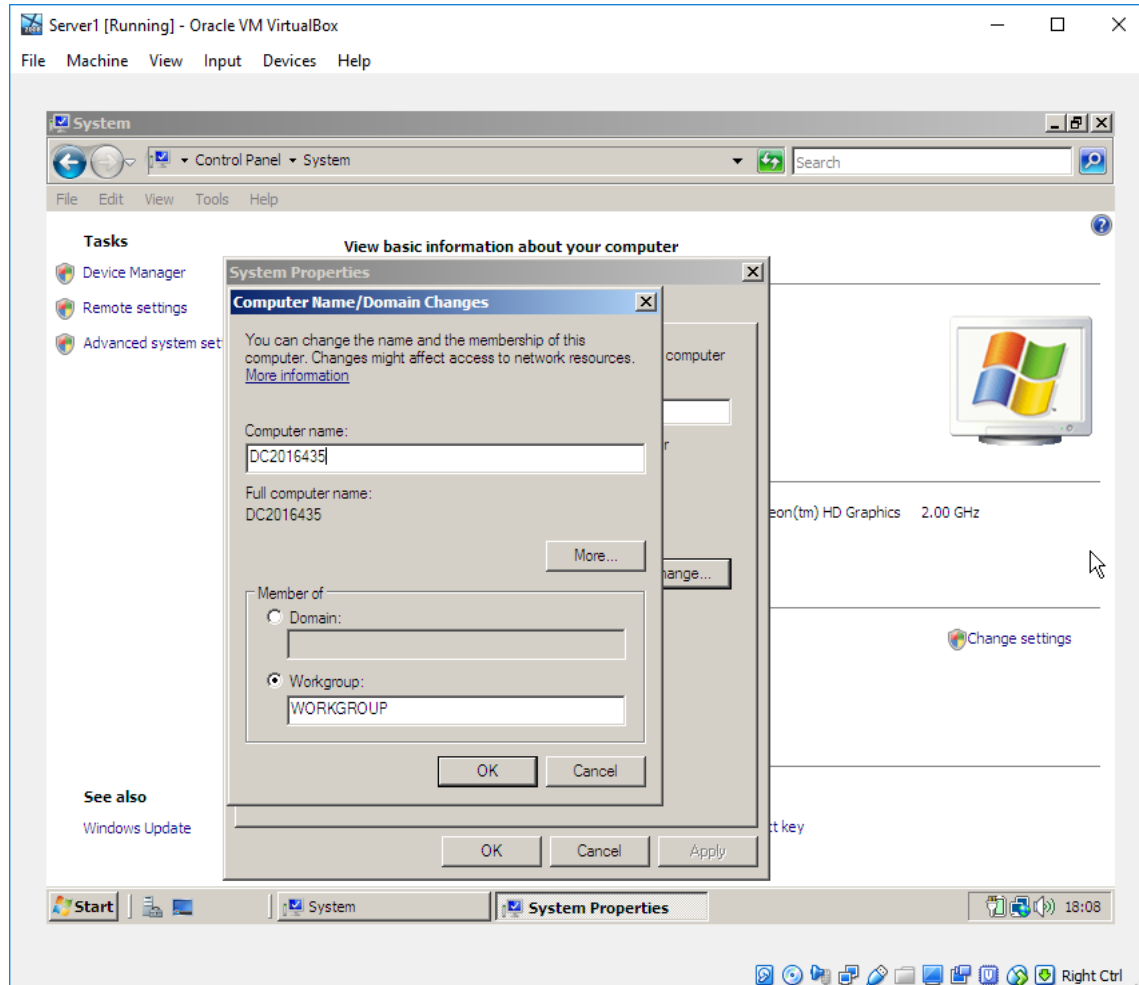
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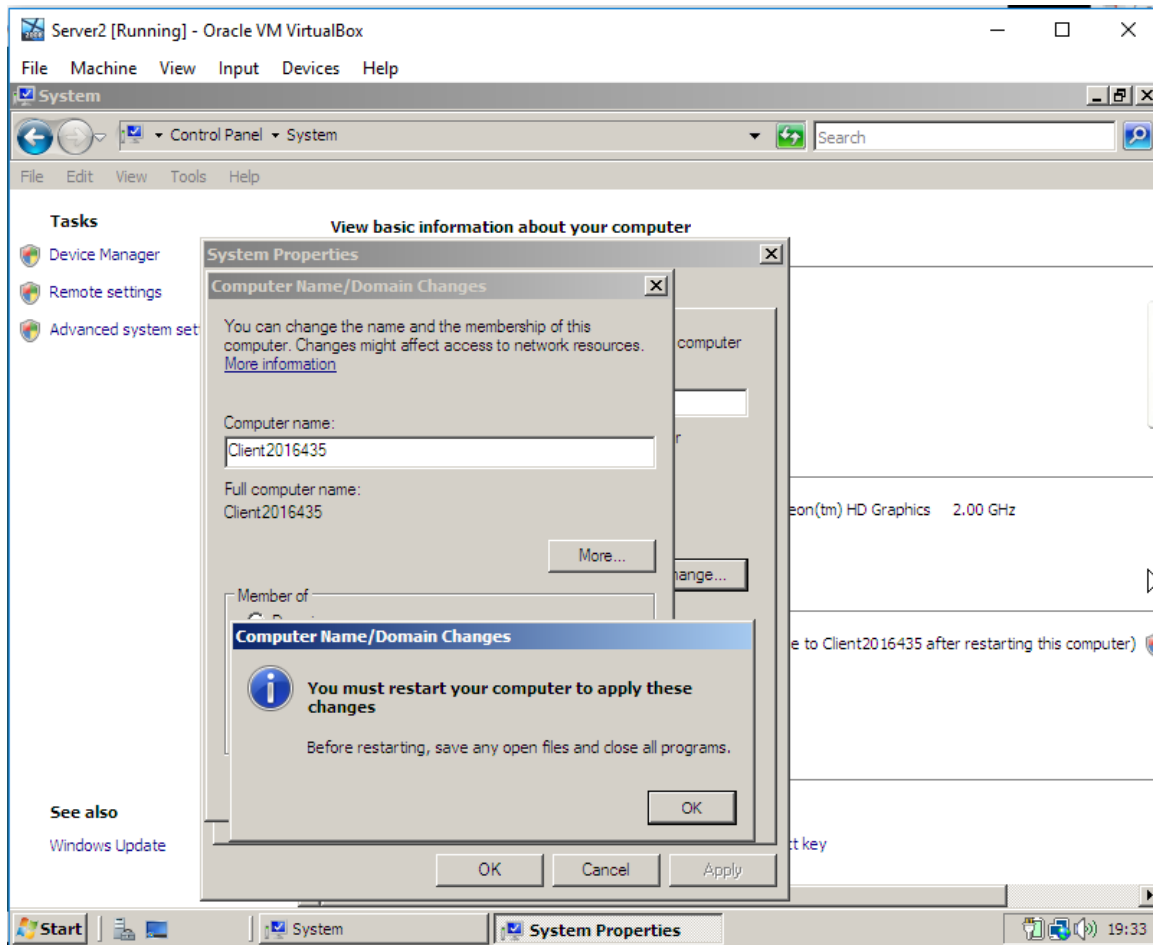
## *Installing Windows server 2008 on the virtual machines.*



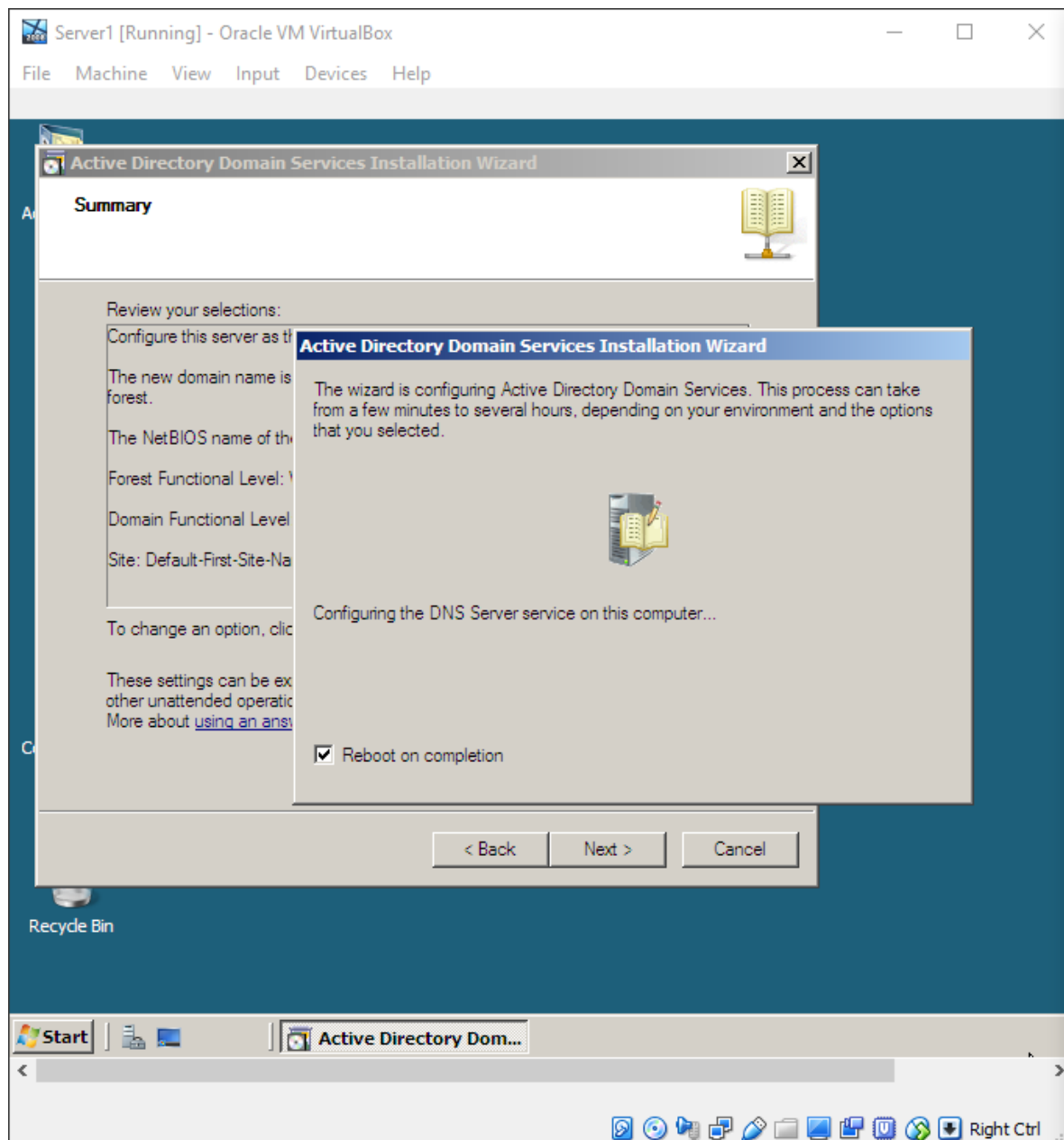
## Renaming the server.



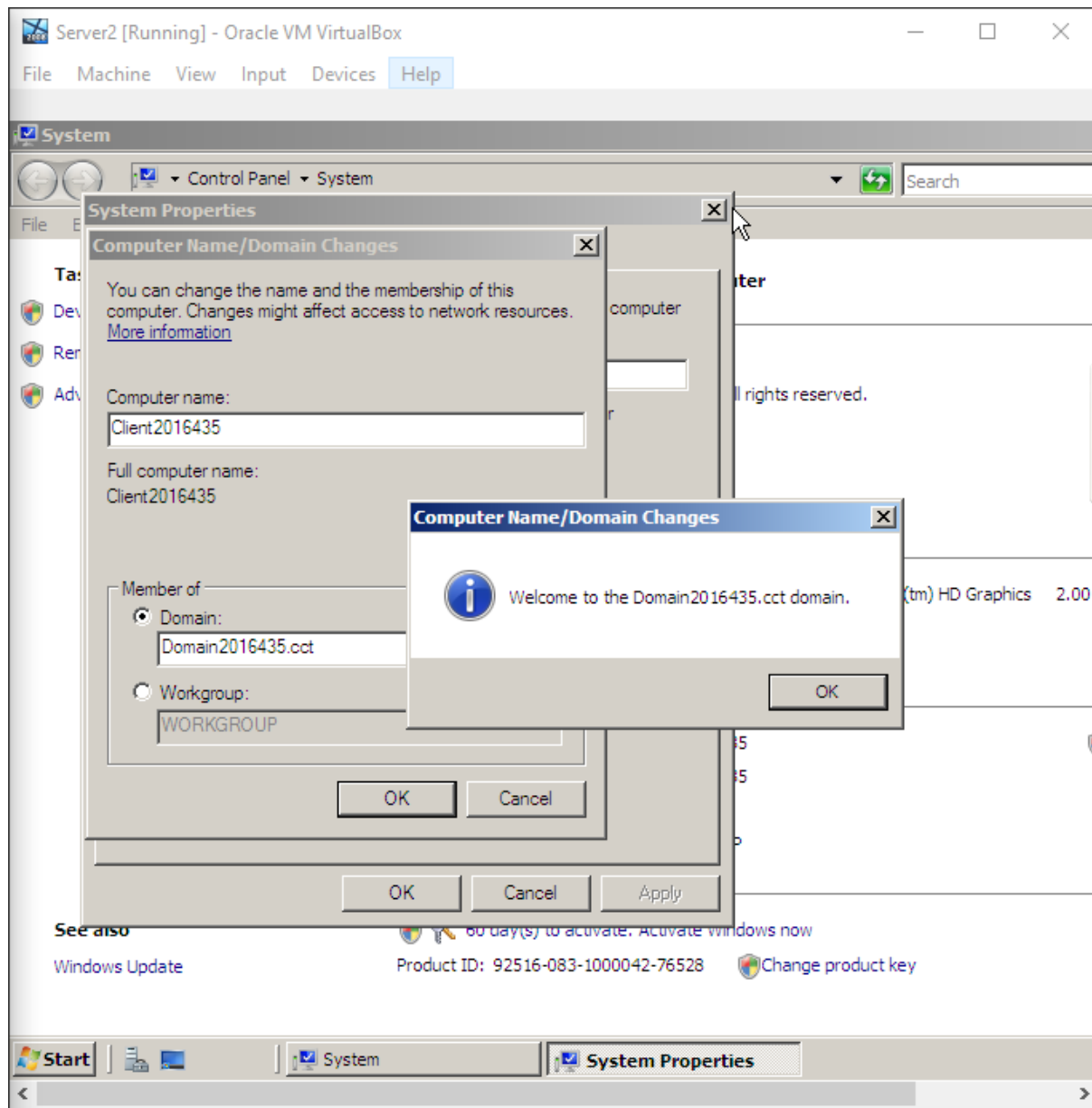
## Renaming the client.



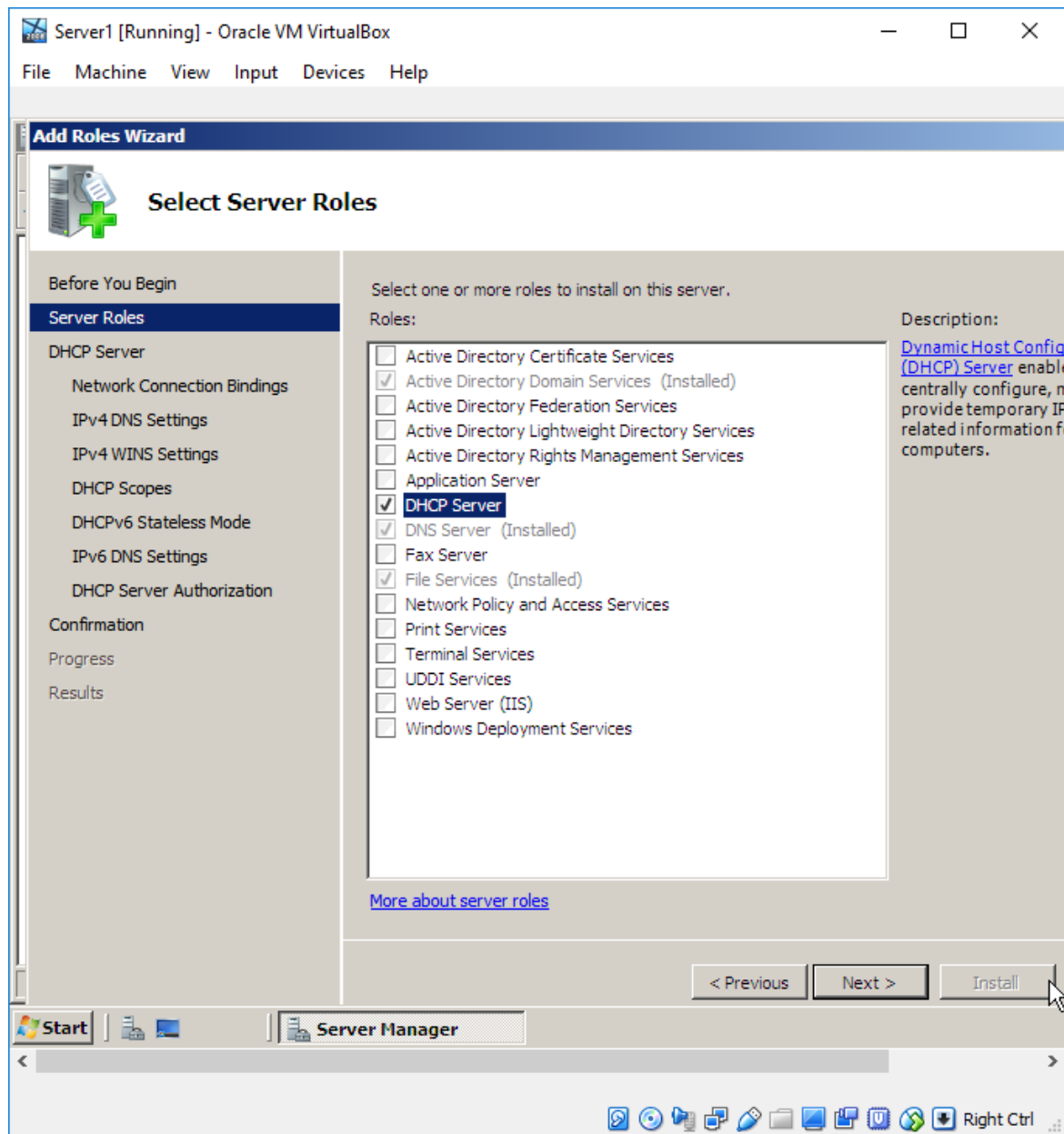
## Converting the server into a Domain Controller.



*Joining the client to the domain.*

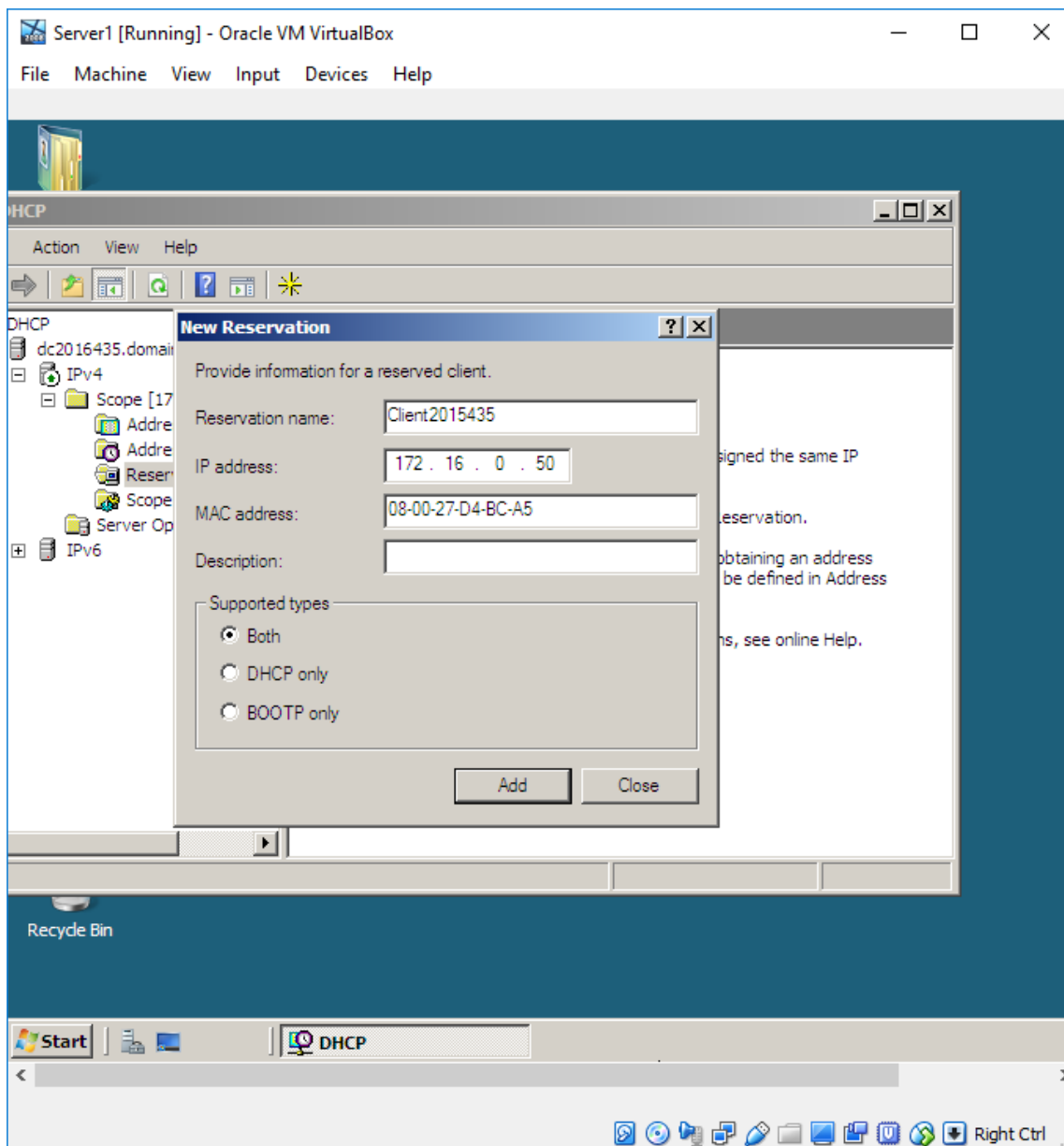


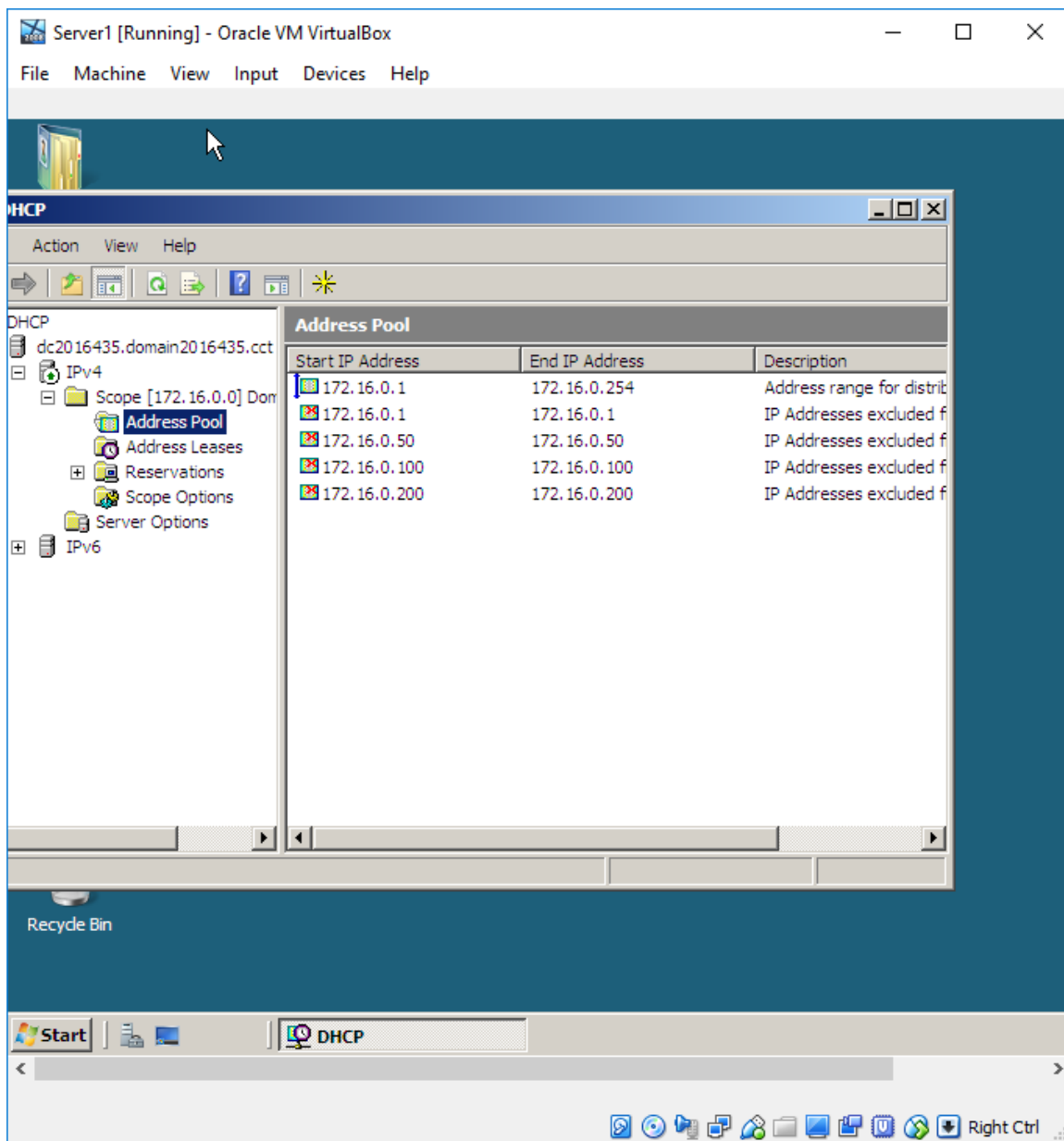
*Adding DHCP role to the domain server.*



*Reservations, scopes and exclusions.*







**Add Roles Wizard****Add or Edit DHCP Scopes**

Before You Begin

Server Roles

DHCP Server

Network Connection Bindings

IPv4 DNS Settings

IPv4 WINS Settings

**DHCP Scopes**

DHCPv6 Stateless Mode

DHCP Server Authorization

Confirmation

Progress

Results

A scope is the range of possible IP addresses for a network. The DHCP server cannot distribute IP addresses to clients until a scope is created.

Scopes:

Name	IP Address Range	
Domain2016435.cct	172.16.0.1 - 172.16.0.254	

Add...

Edit...

Delete

Properties

Add or select a scope to view its properties.

[More about adding scopes](#)

&lt; Previous

Next &gt;

Install

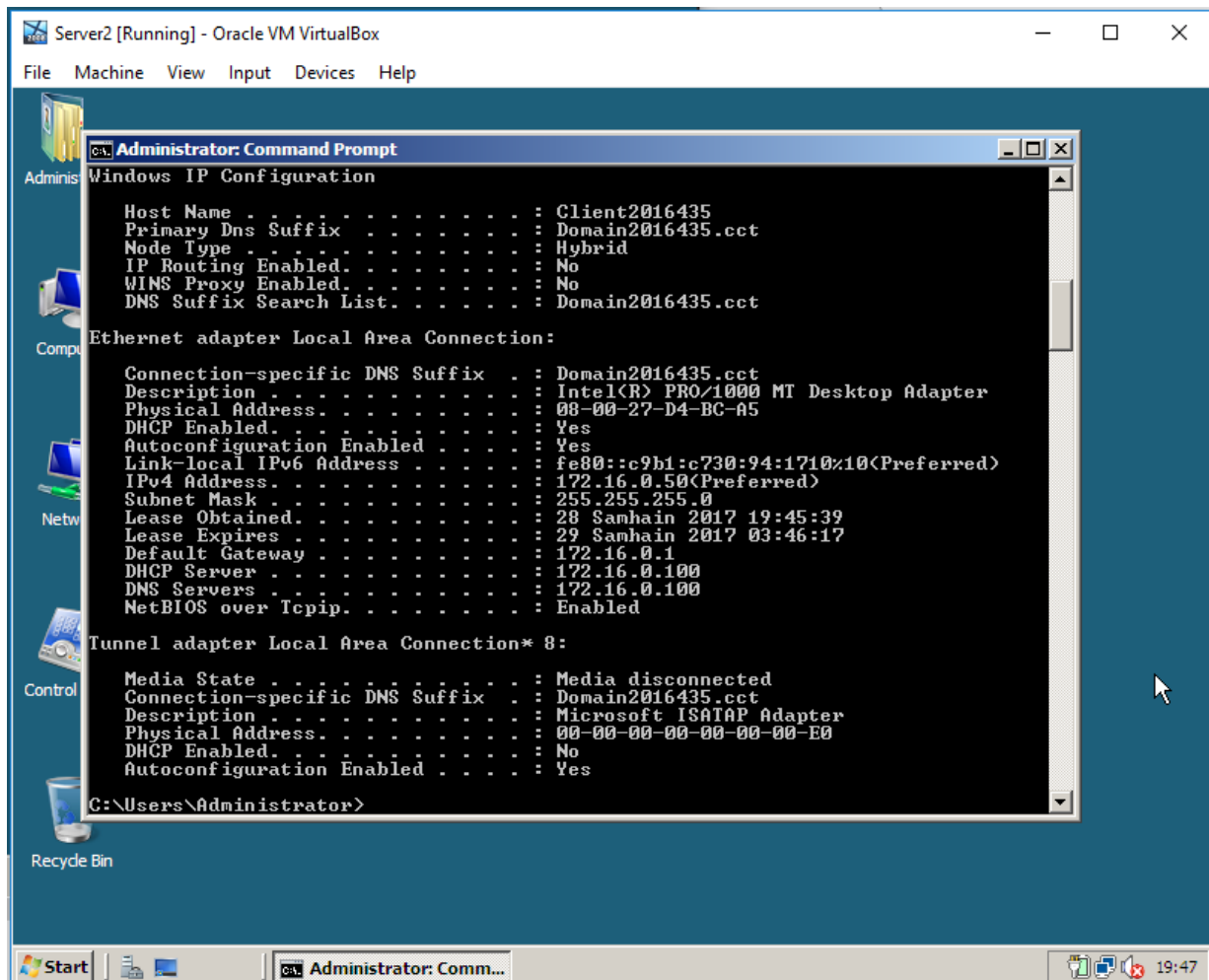
Cancel



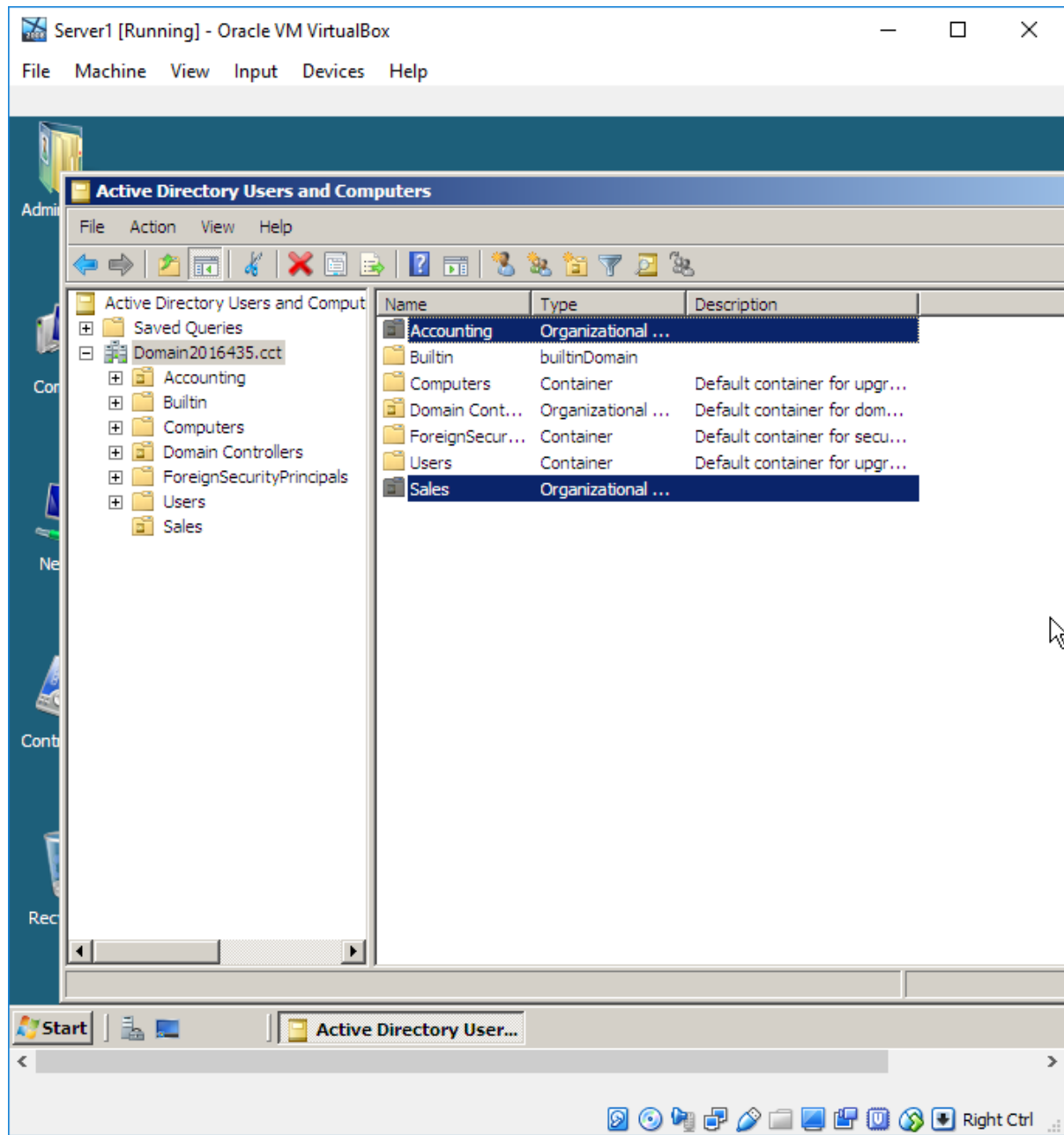
Server Manager

19:33

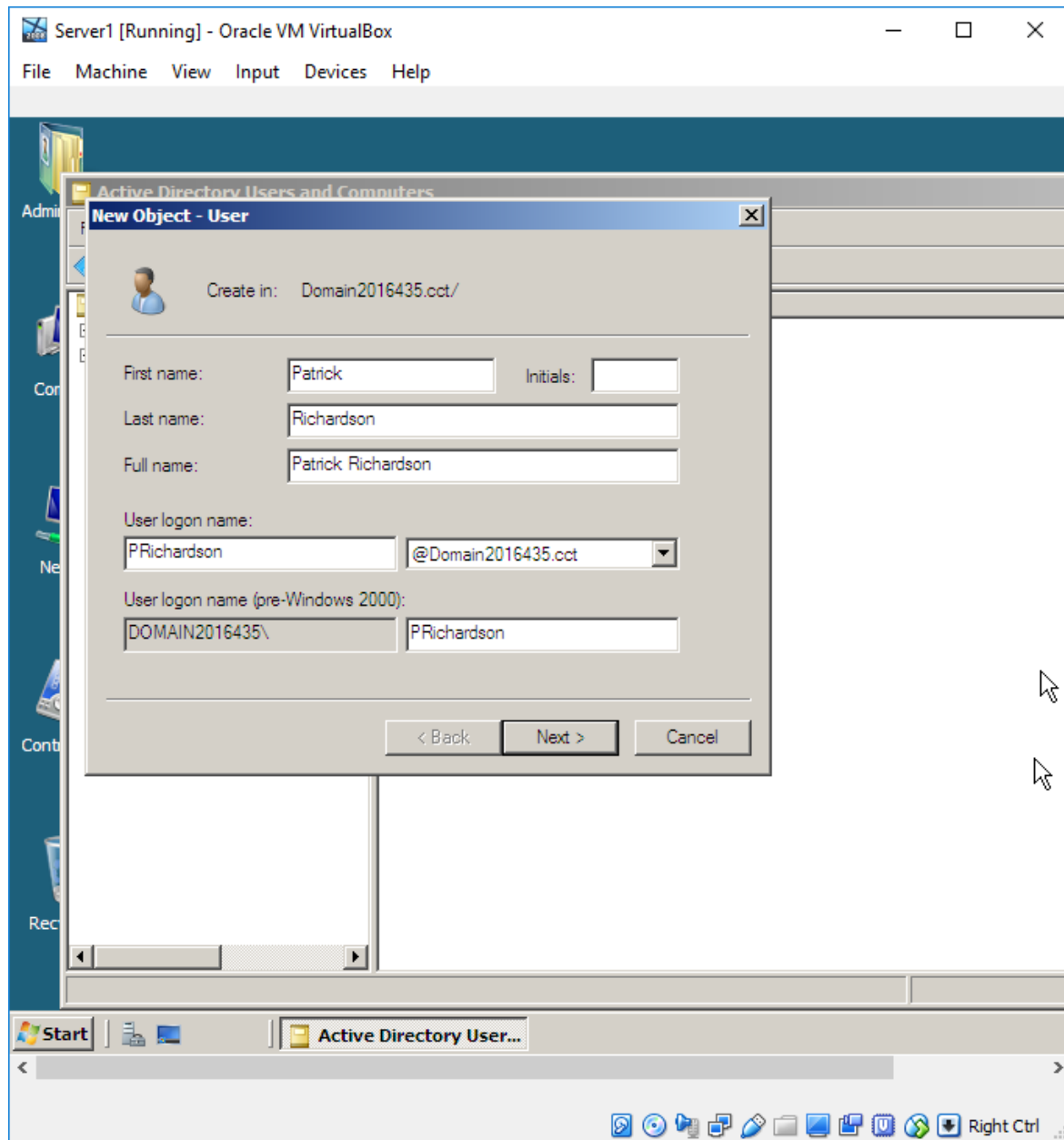
*Configuring the client to get dynamic IP address from the DC using the reserved IP.*



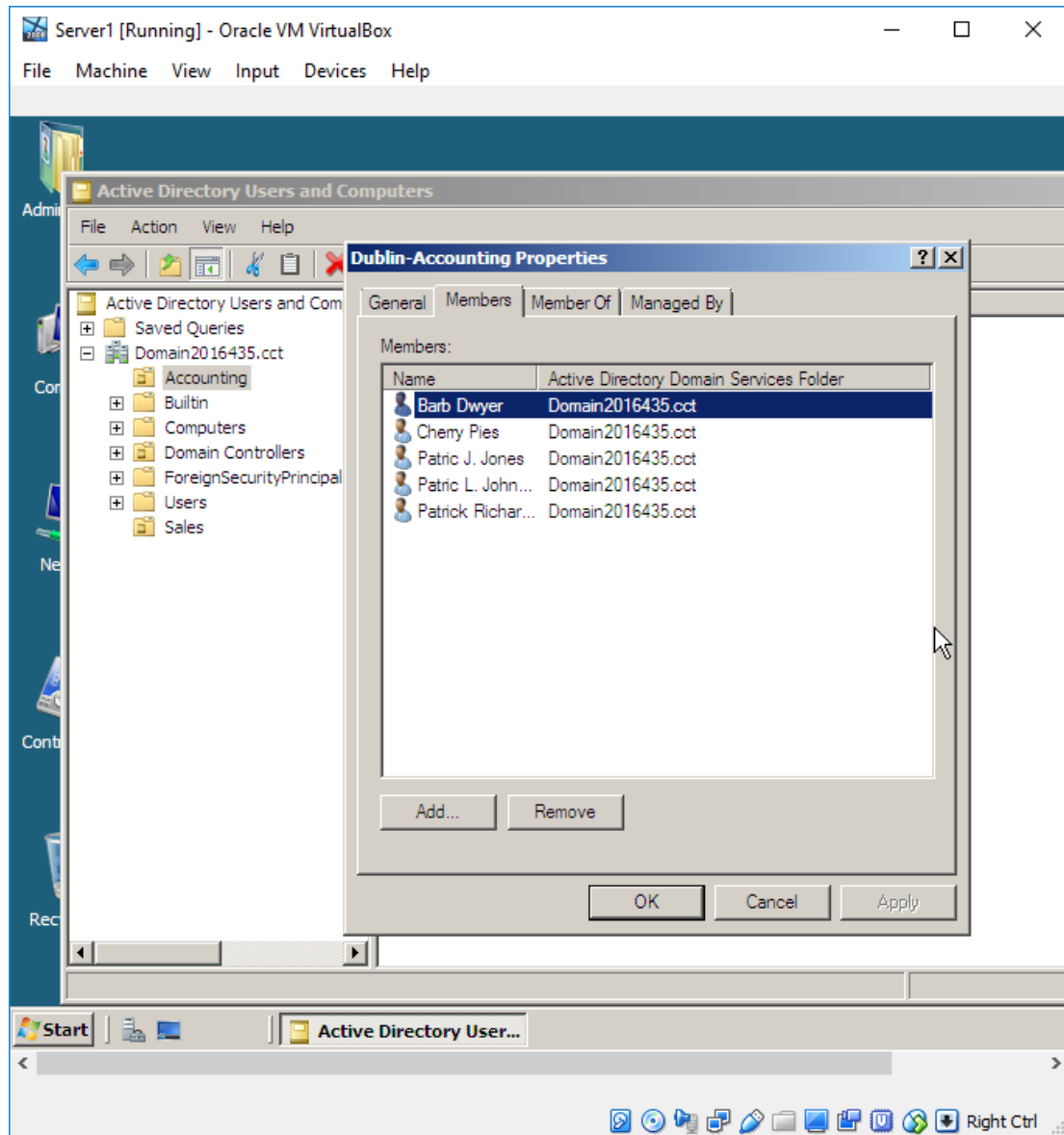
## Creating Organizational Units.

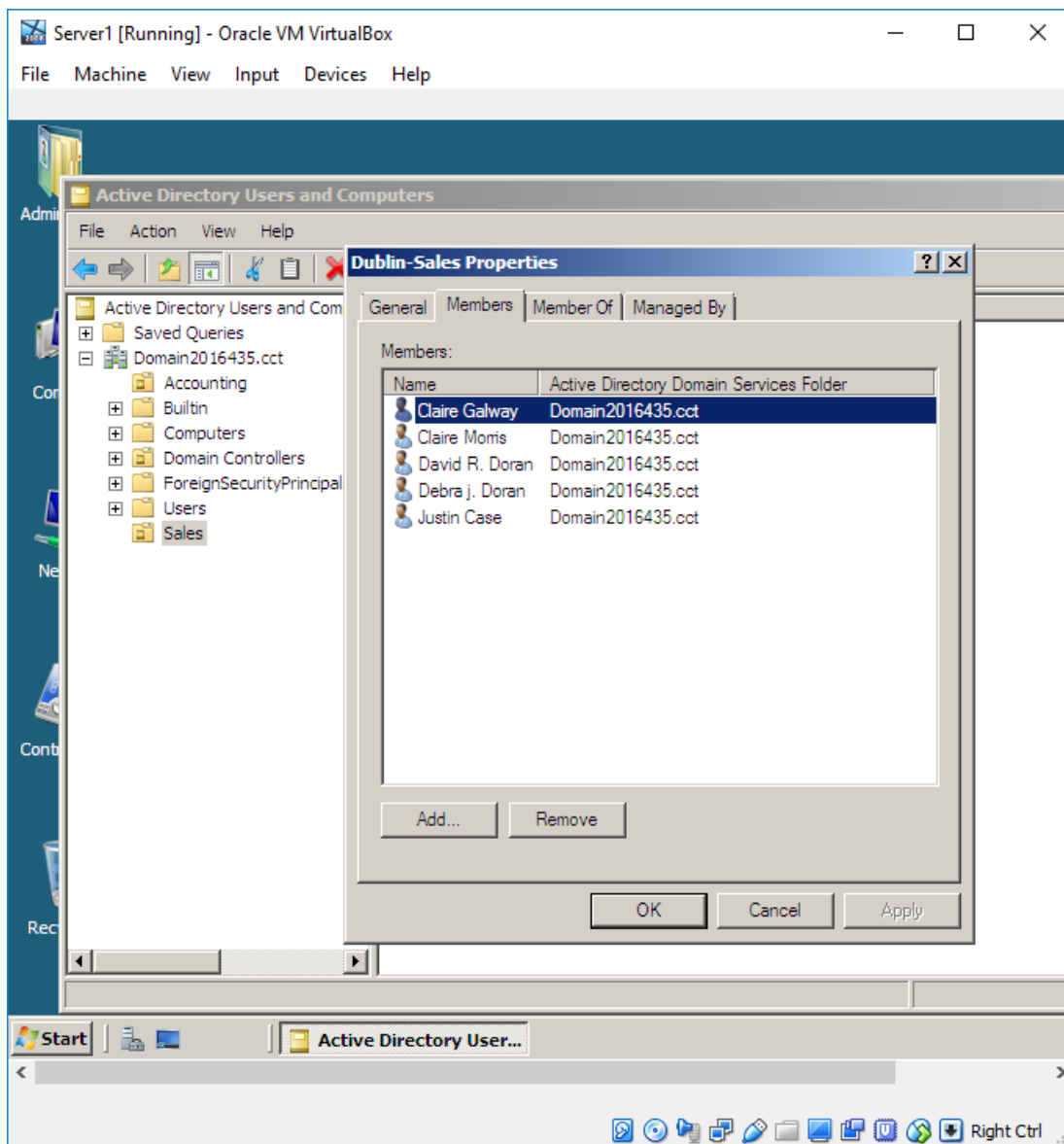


## Creating Users.



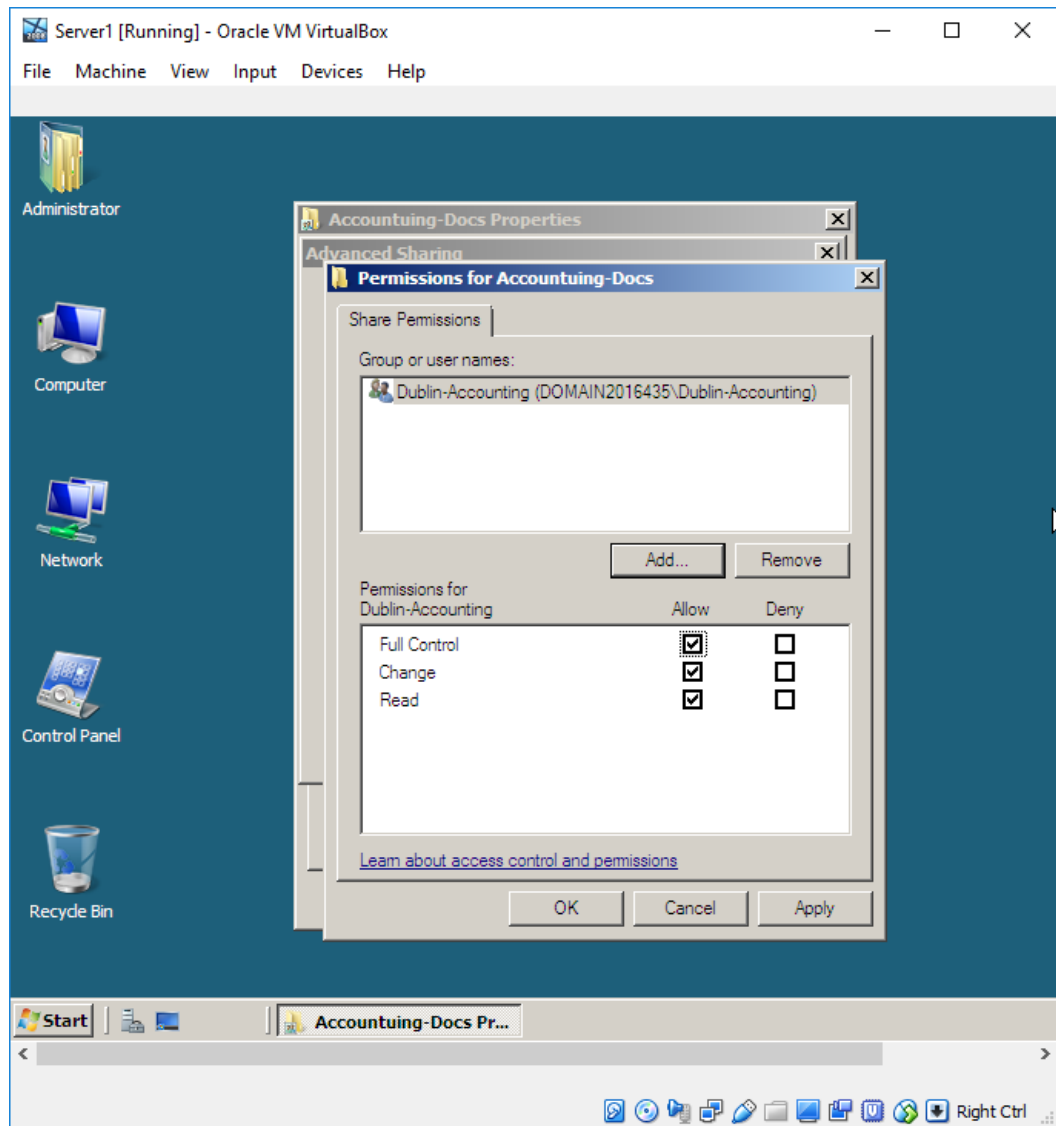
## *Adding users to groups.*





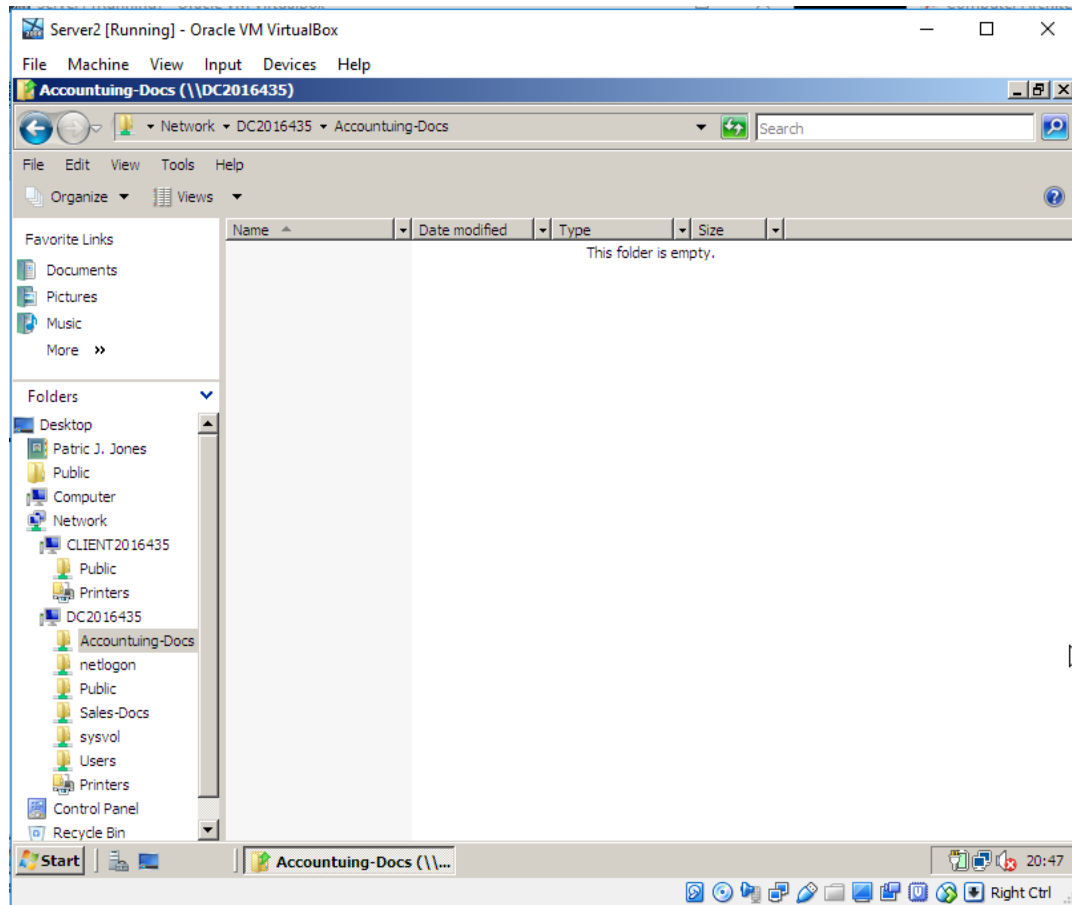


## *Creating shared folders and adding permissions.*

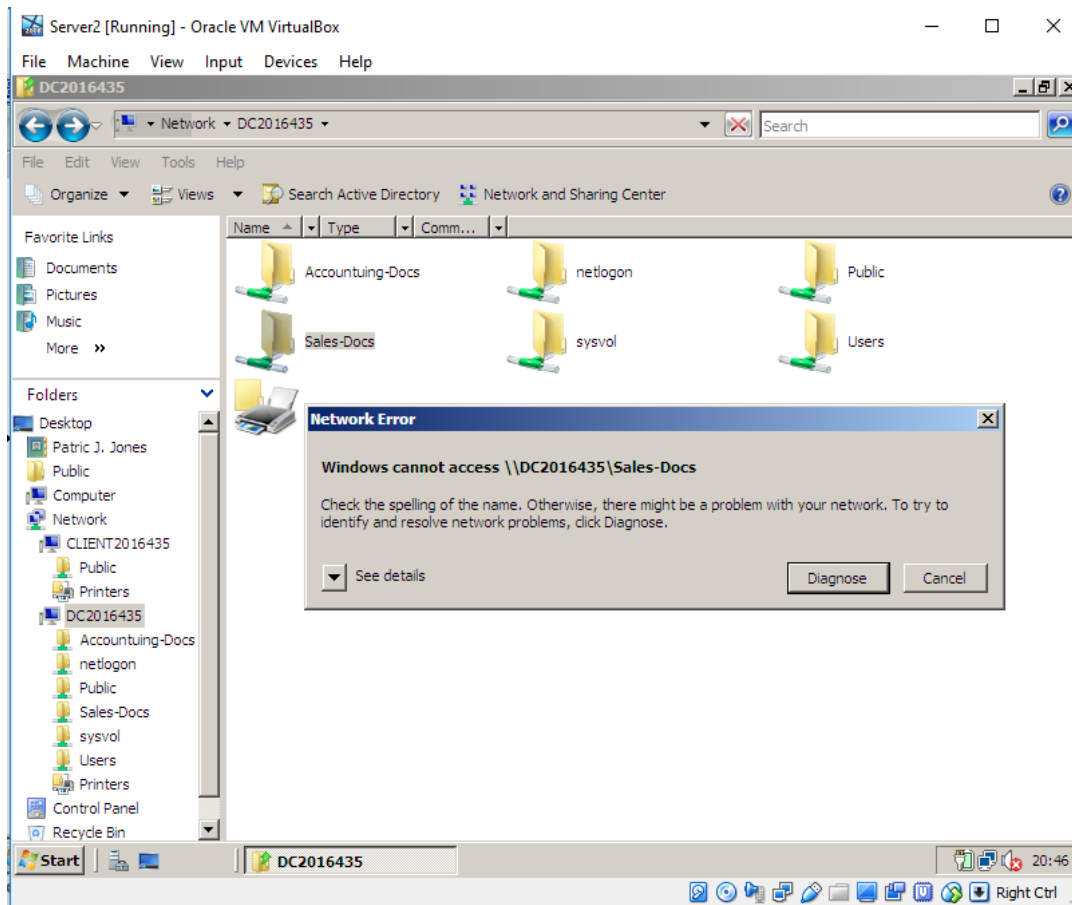


# Testing Permissions.

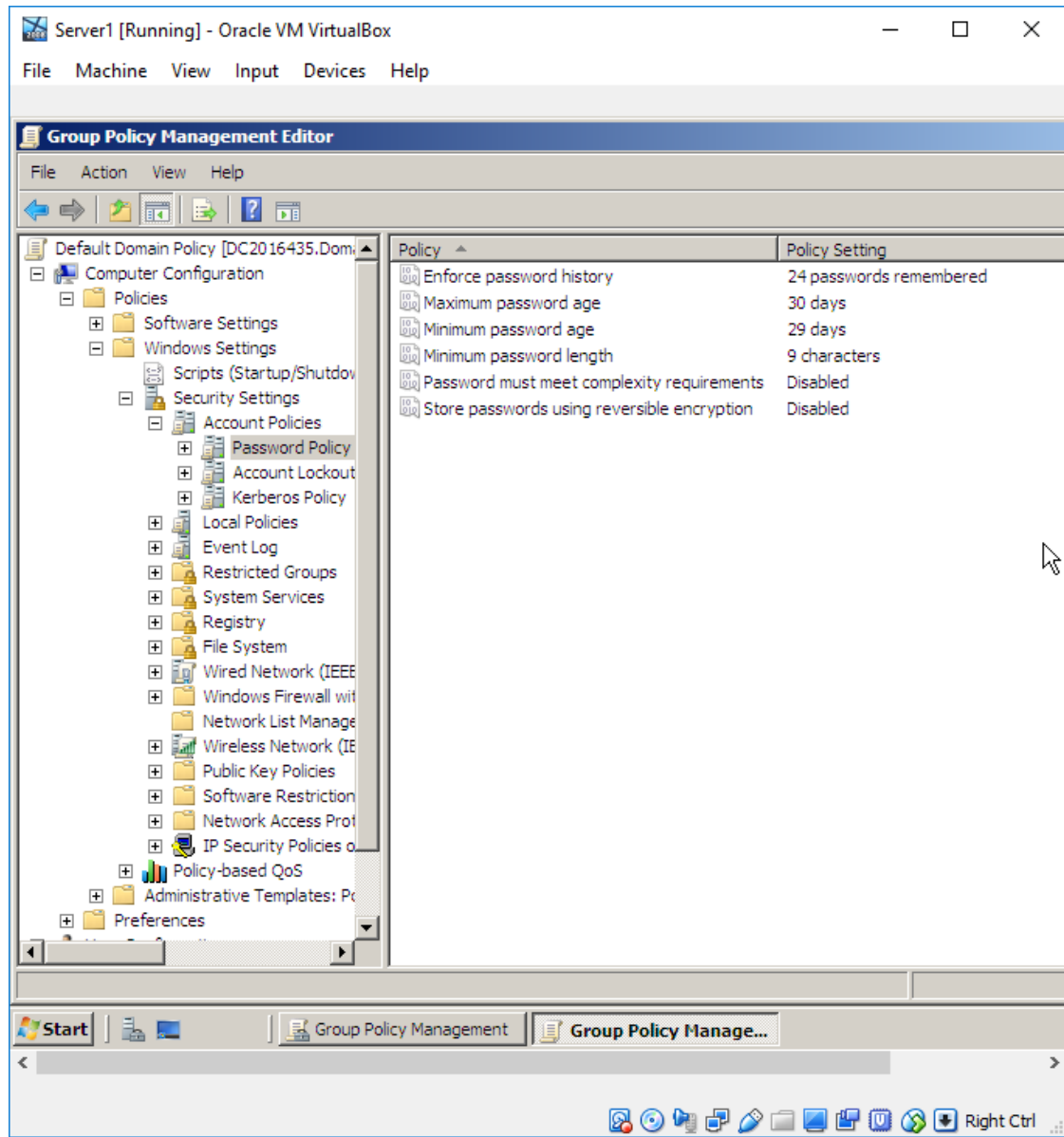
## Access Granted

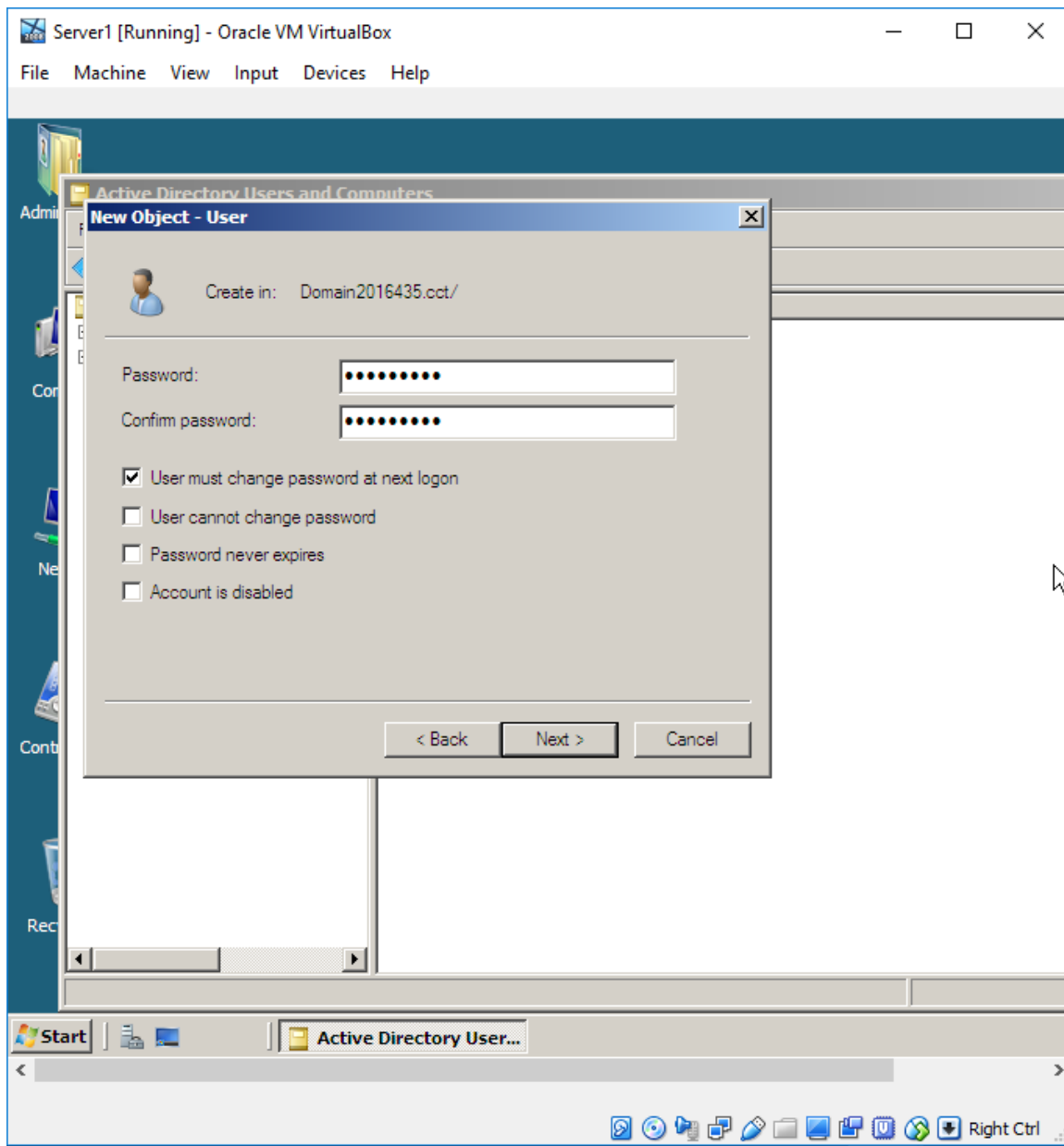


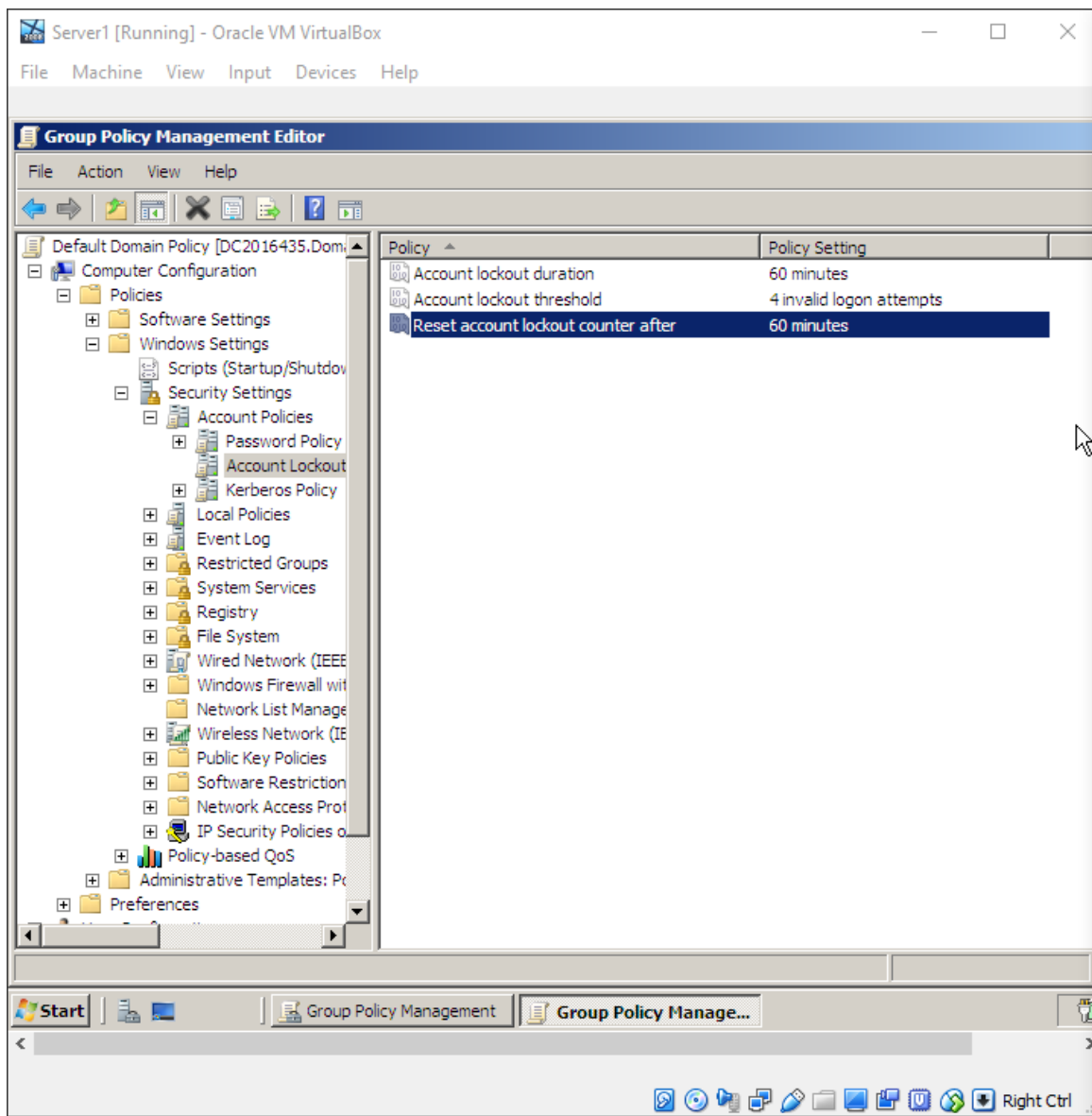
## Access Denied.



## Applying password polices.







## *Issues and troubleshooting.*

An issue appeared during the process of connection both VMs, it was not possible to ping the machines. Few steps were taken to troubleshoot this issue.

Firewall configuration was checked and modified to allow share of data, usage of printers, etc.

The network configuration of the VMs was change to intern.

In the command prompt the commends ip /release and the command ip /renew were used in order to discard the ip address that was given to the client and renewed it with one provided by the domain DHCP.

After those steps were followed the result of the ping was successful.