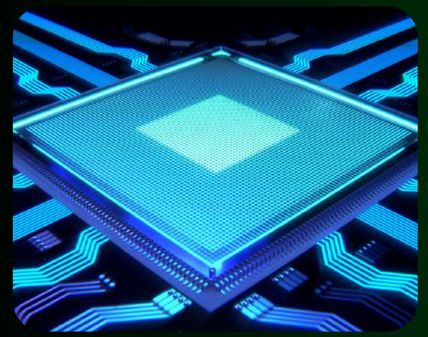
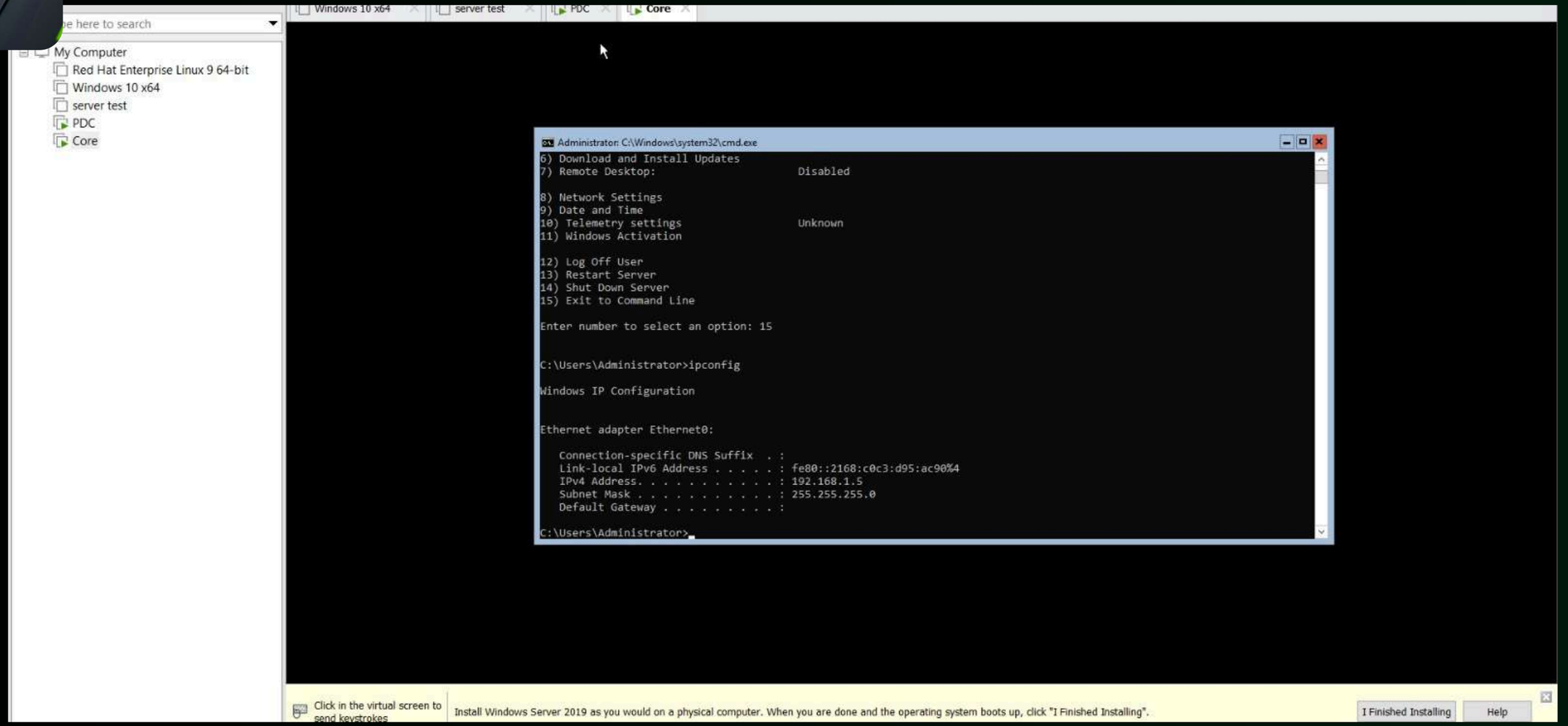
MCSA Project

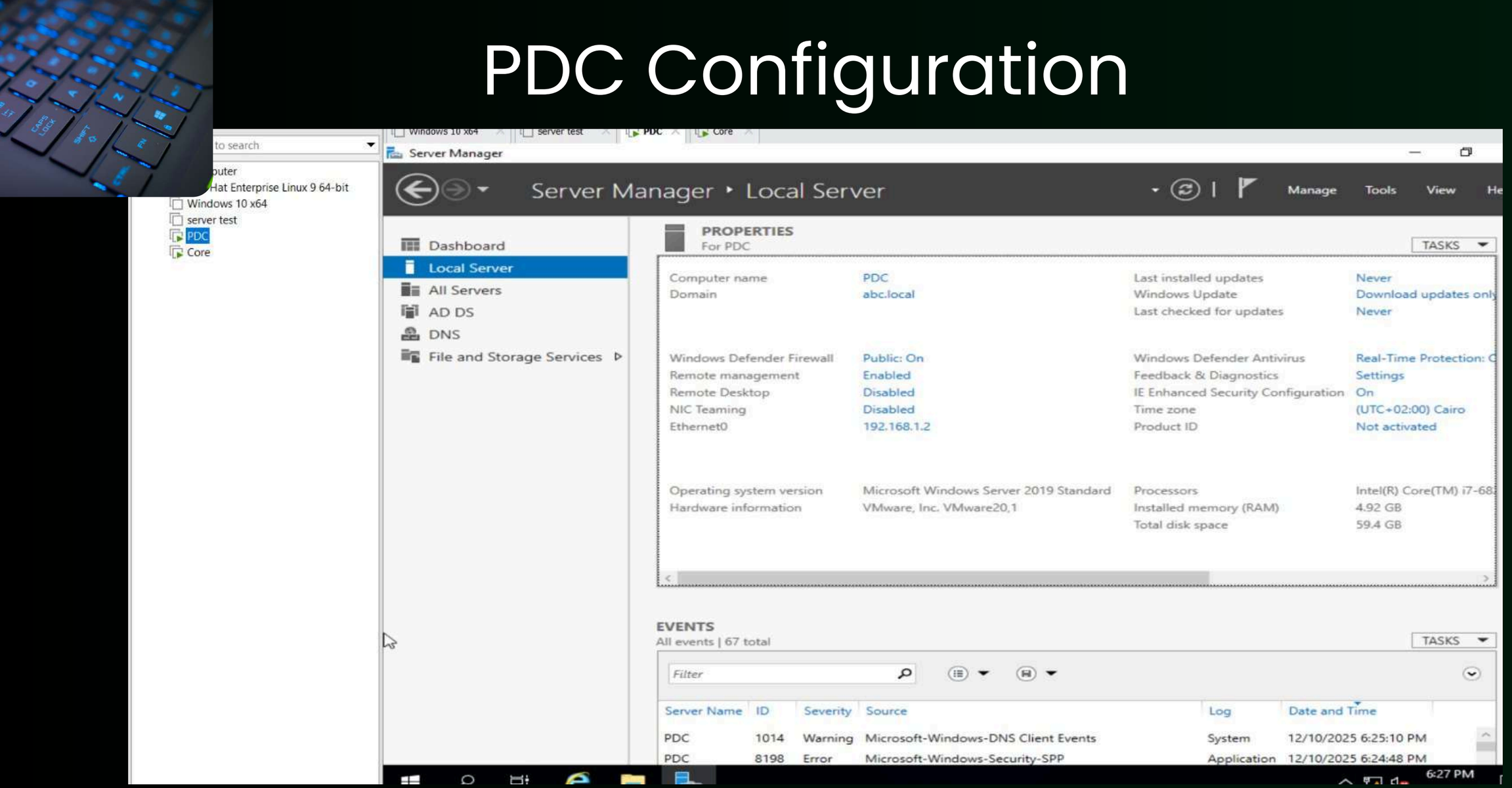
First servers Setting



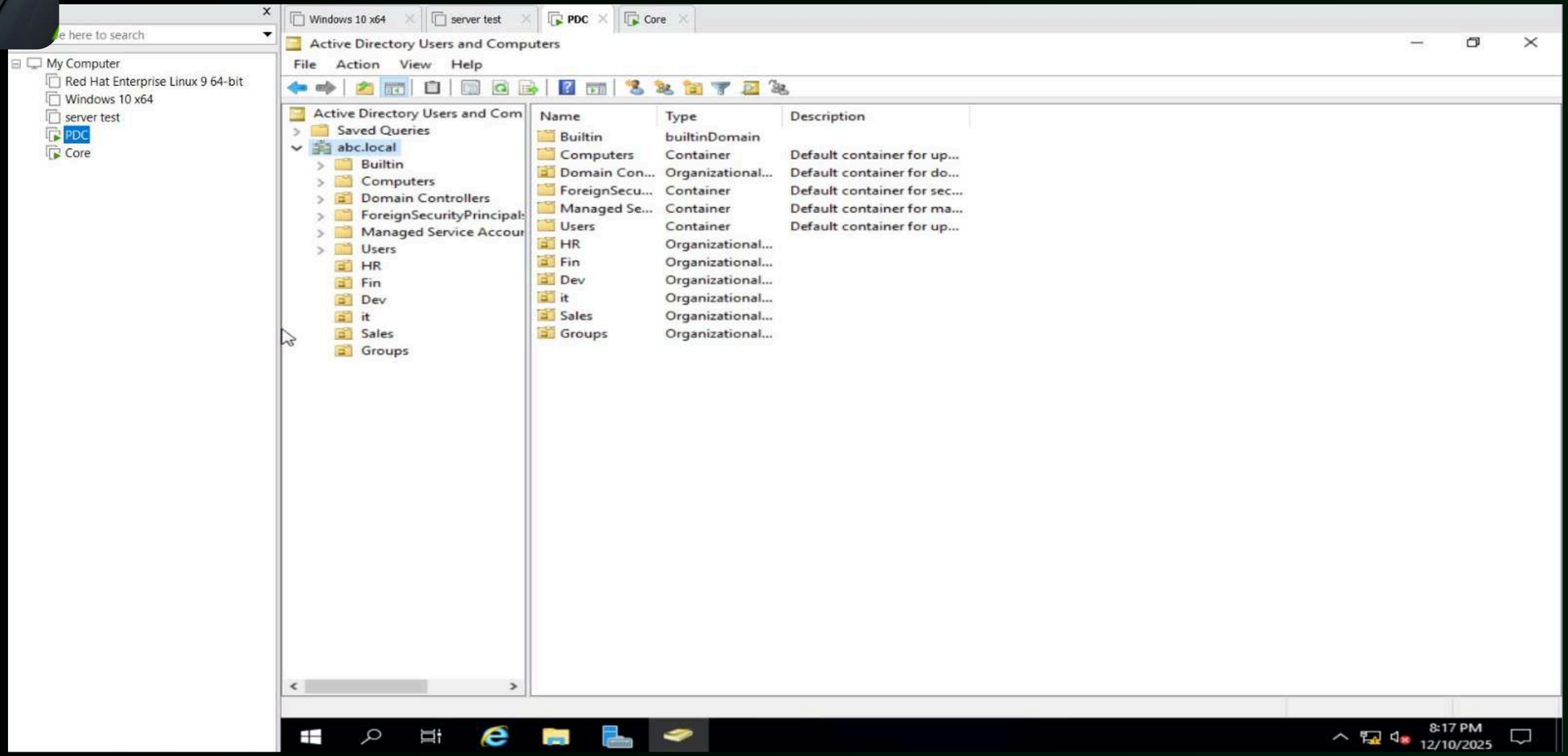
Windows Server Core Configuration



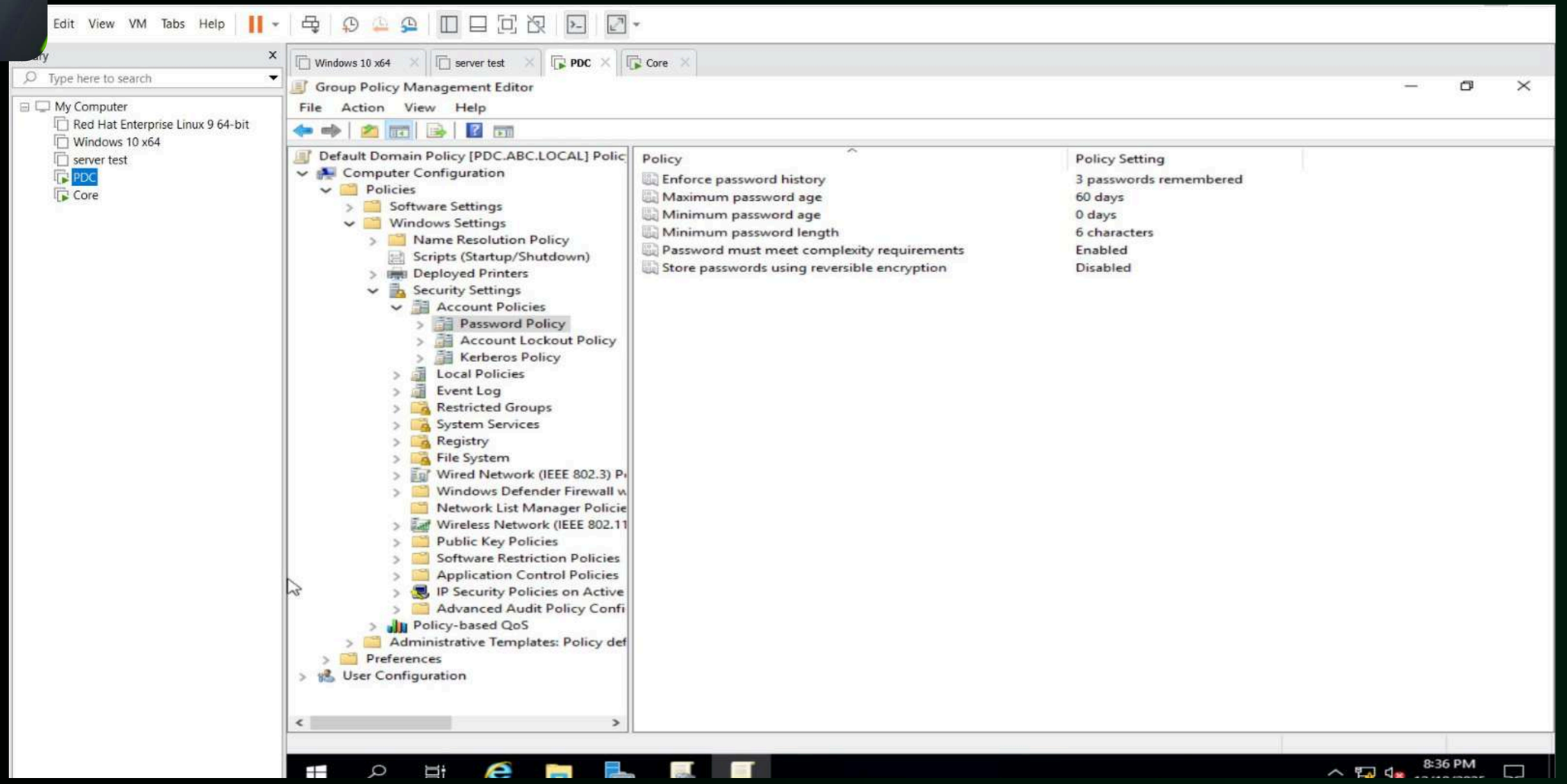
PDC Configuration



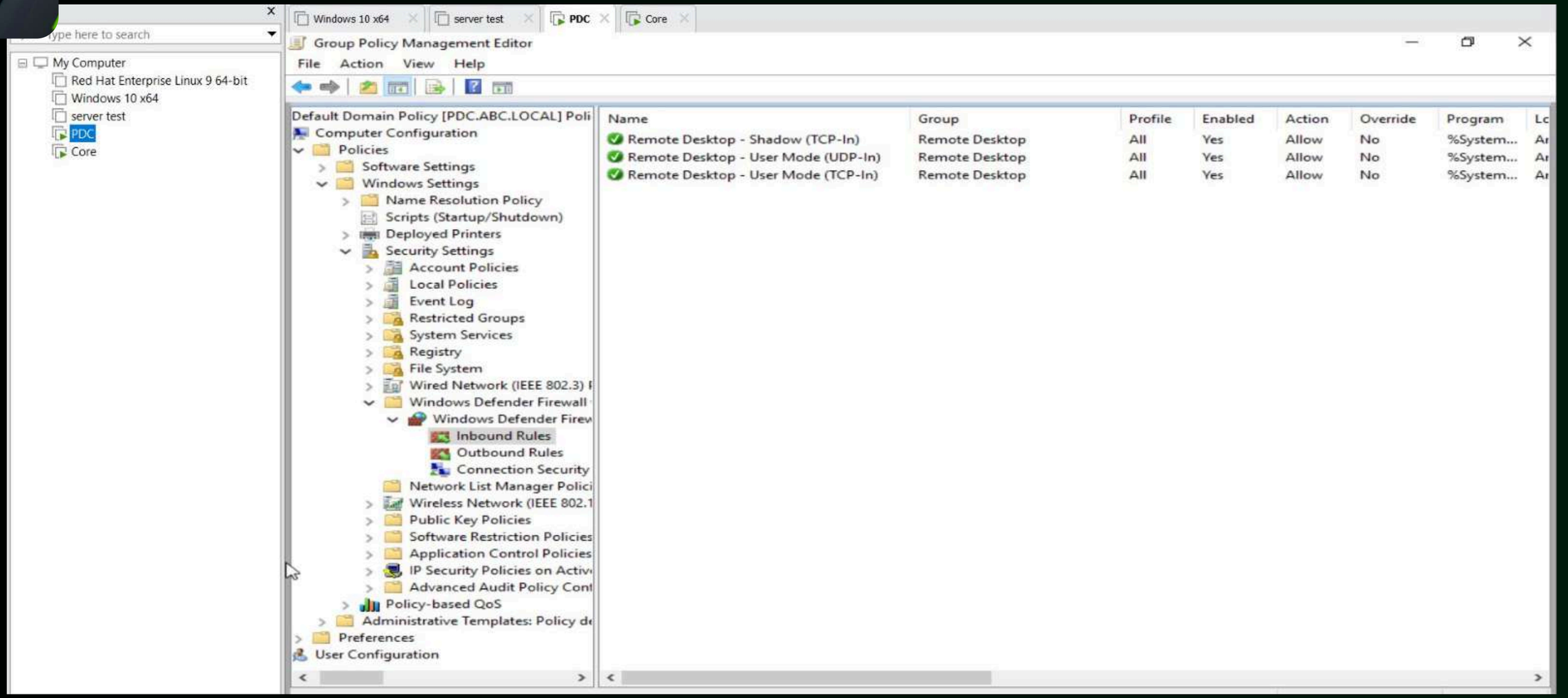
Create OUs and Groups



Password Group Policies



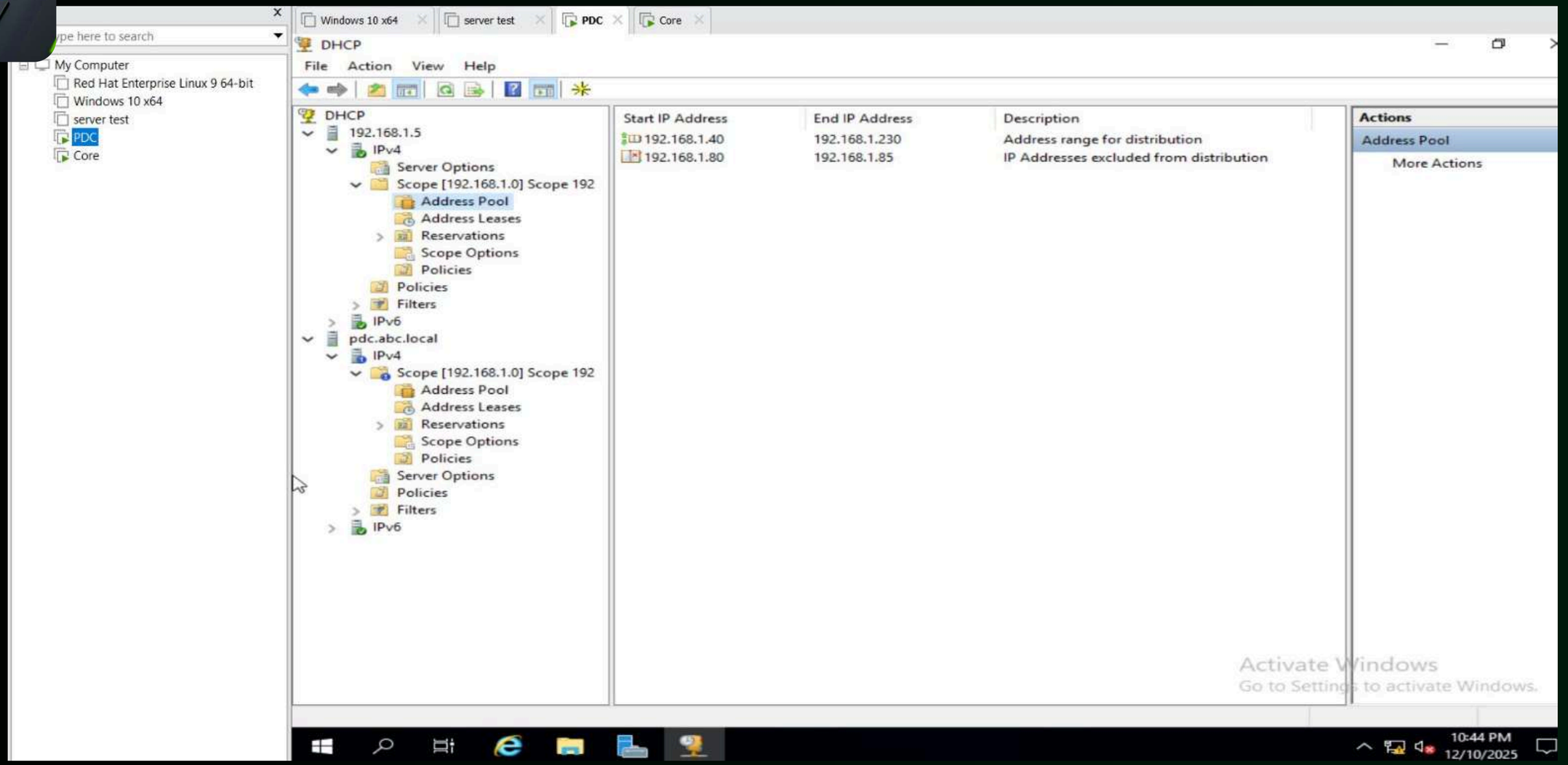
Allow Remote Desktop Connection



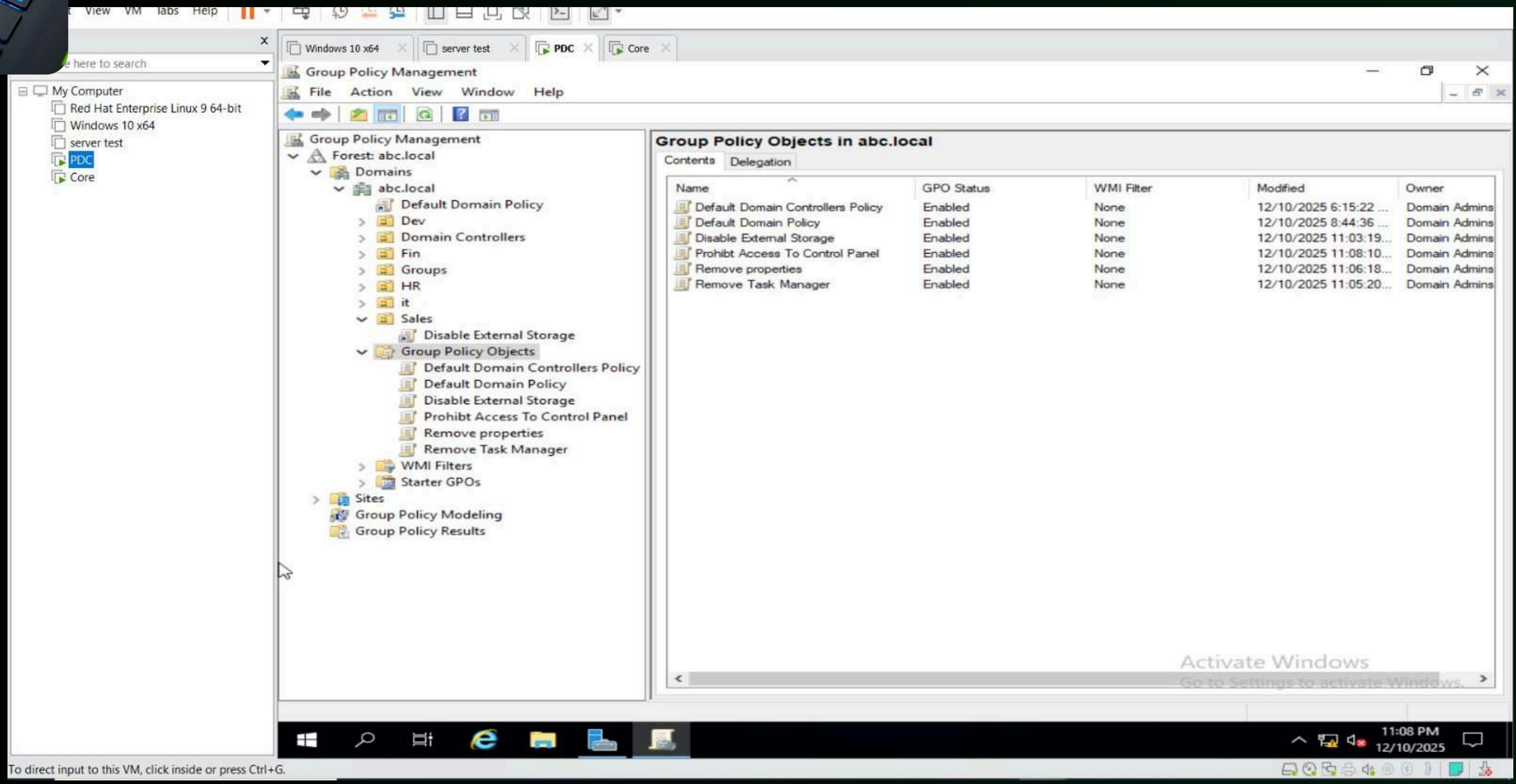
The Core Machine is Joined to domain

```
osoft (R) Windows Script Host Version 5.812
right (C) Microsoft Corporation. All rights reserved.

Inspecting system...


===============================================================================
                        Server Configuration
===============================================================================

1) Domain/Workgroup:                    Domain:  abc.local
2) Computer Name:                       CORE
3) Add Local Administrator
4) Configure Remote Management          Enabled

5) Windows Update Settings:             DownloadOnly
6) Download and Install Updates
7) Remote Desktop:                      Disabled

8) Network Settings
9) Date and Time
10) Telemetry settings                  Unknown
11) Windows Activation

12) Log Off User
13) Restart Server
14) Shut Down Server
15) Exit to Command Line
```

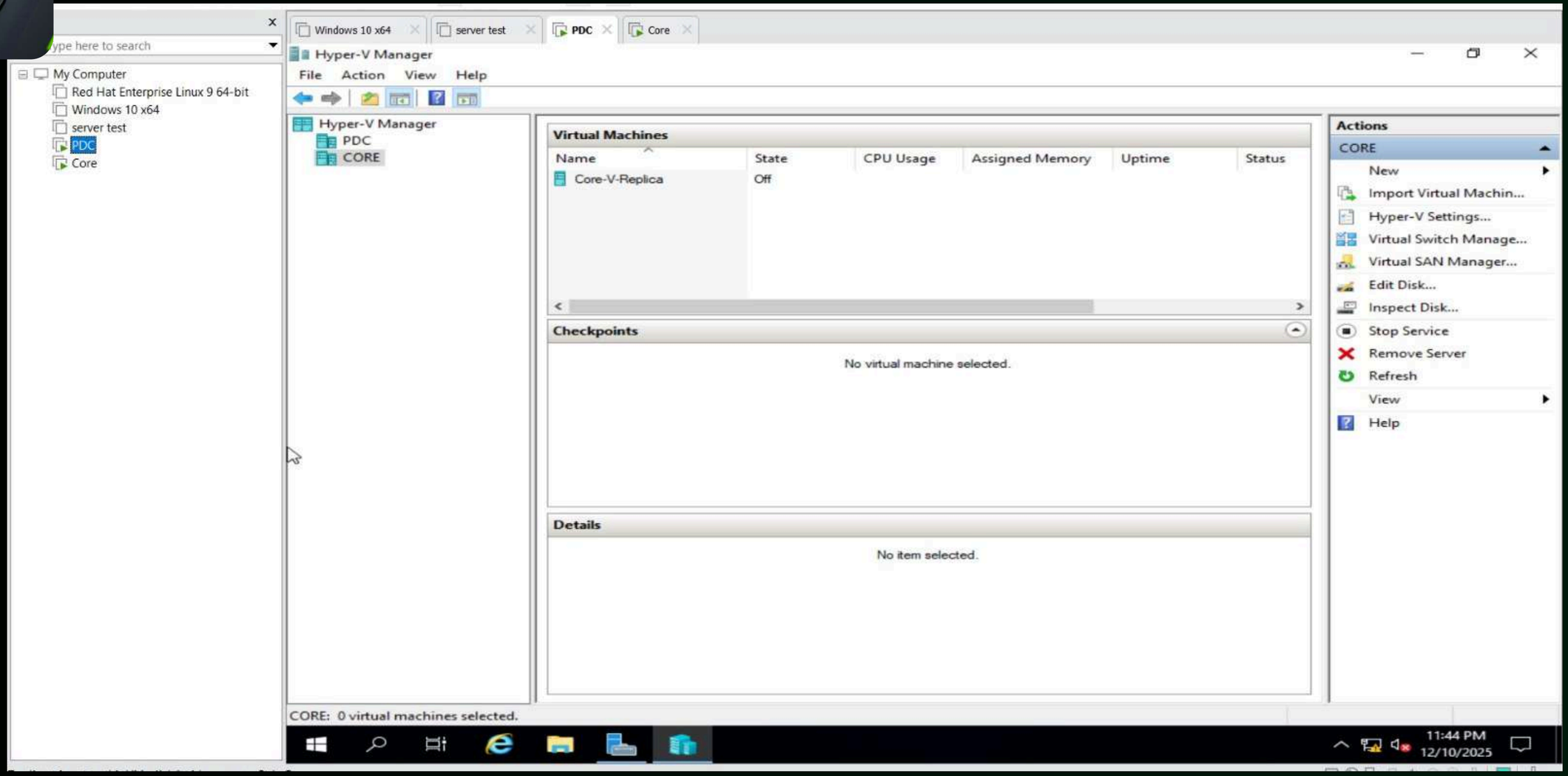
DHCP Scope && Configuration



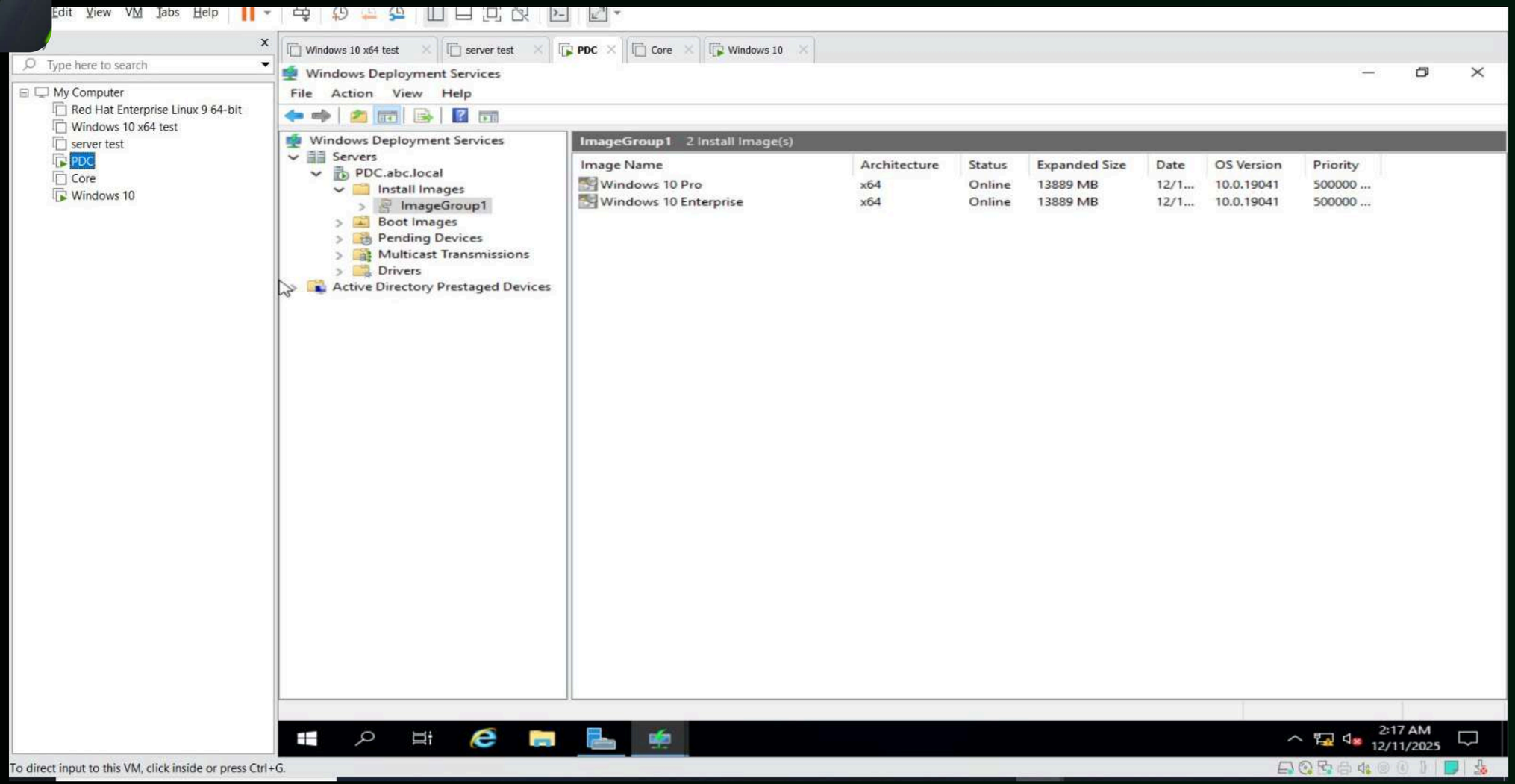
Create Group Policy Objects And link it to OUs



Hyper-V Replica



Install Windows server Client With WDS



Install Windows server Client With WDS

Management

Action View Help

Volume	Layout	Type	File System	Status	Capacity	Free Sp...	% Free
(C:)	Simple	Basic	NTFS	Healthy (B...	99.40 GB	87.94 GB	88 %
(Disk 0 partition 1)	Simple	Basic		Healthy (R...	499 MB	499 MB	100 %
(Disk 0 partition 2)	Simple	Basic		Healthy (E...	99 MB	99 MB	100 %
New Volume (E:)	Simple	Basic	NTFS	Healthy (P...	19.53 GB	19.48 GB	100 %
New Volume (F:)	Simple	Basic	NTFS	Healthy (P...	40.45 GB	40.37 GB	100 %
New Volume (G:)	Simple	Basic	NTFS	Healthy (P...	30.27 GB	30.20 GB	100 %
New Volume (H:)	Simple	Basic	NTFS	Healthy (P...	29.71 GB	29.64 GB	100 %
SSS_X64FREV_EN-...	Simple	Basic	UDF	Healthy (P...	5.06 GB	0 MB	0 %

Disk 0
Basic
99.98 GB
Online

499 MB
Healthy (Recovery Partition)

99 MB
Healthy (EFI System Partition)

(C:)
99.40 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)

Disk 1
Basic
59.98 GB
Online

New Volume (E:)
19.53 GB NTFS
Healthy (Primary Partition)

New Volume (F:)
40.45 GB NTFS
Healthy (Primary Partition)

Disk 2
Basic
59.98 GB
Online

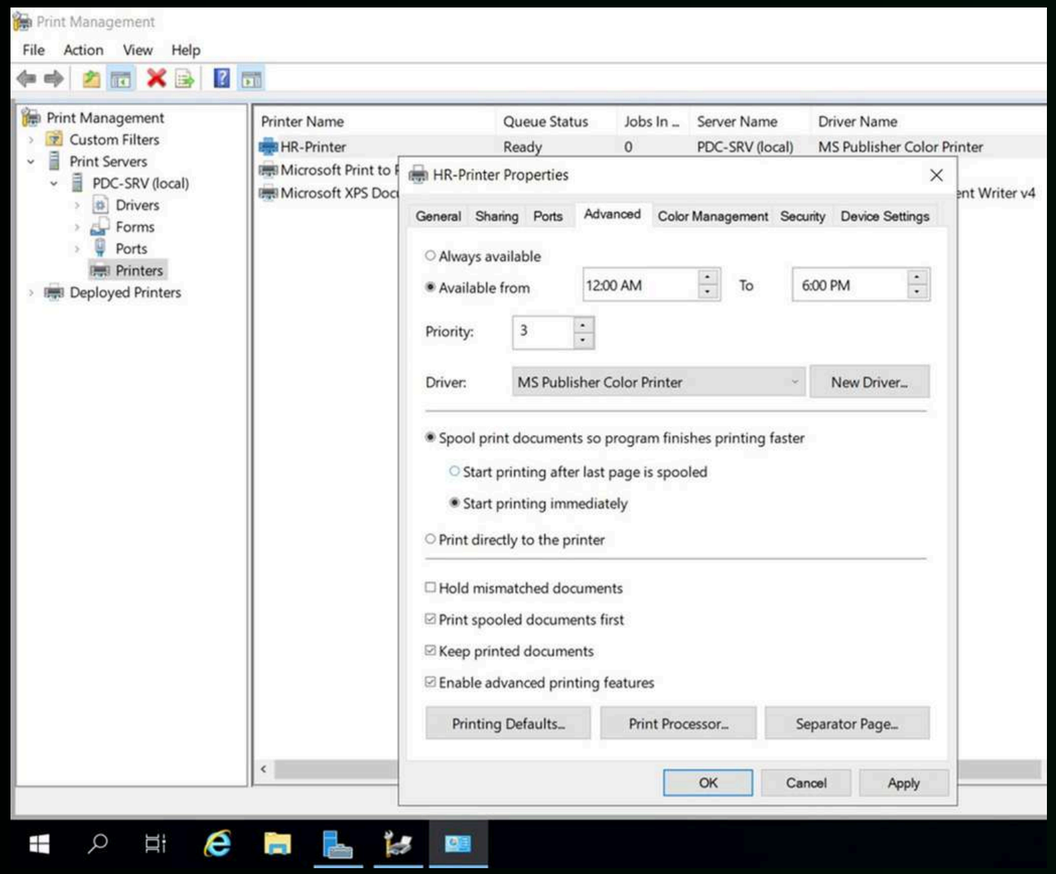
New Volume (G:)
30.27 GB NTFS
Healthy (Primary Partition)

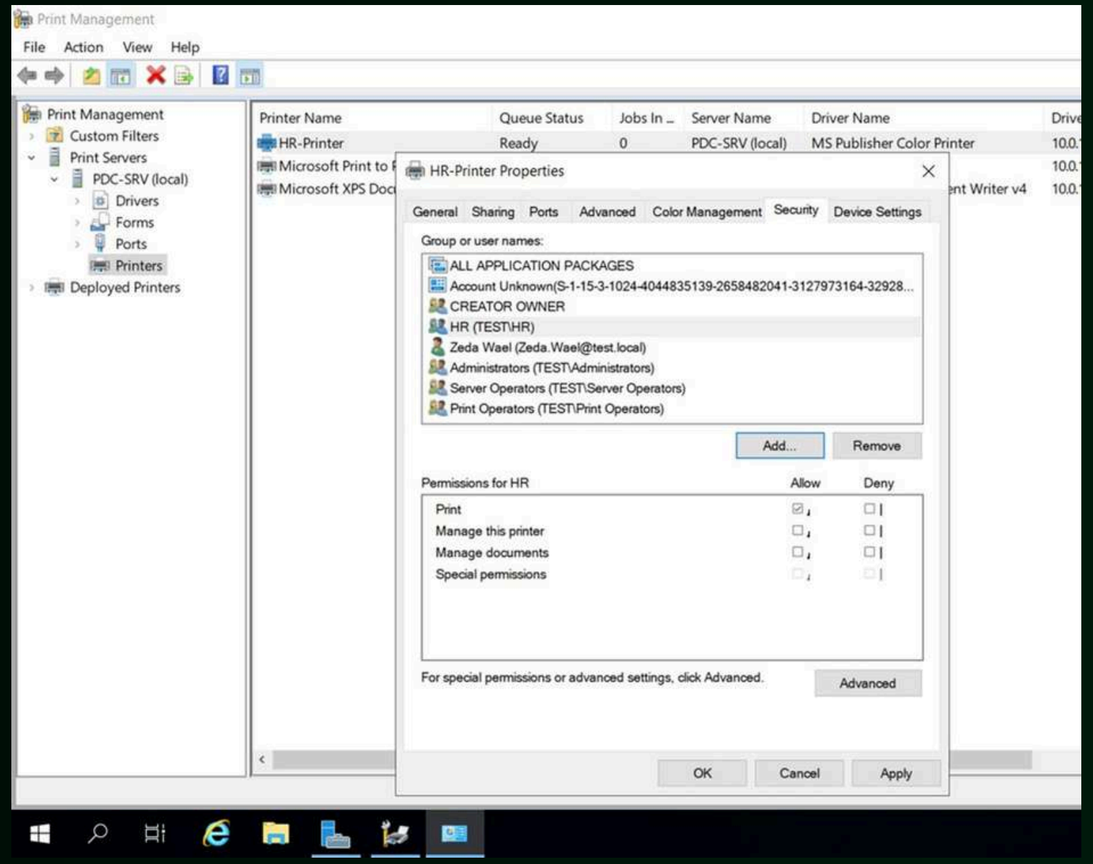
New Volume (H:)
29.71 GB NTFS
Healthy (Primary Partition)

Unallocated Primary partition

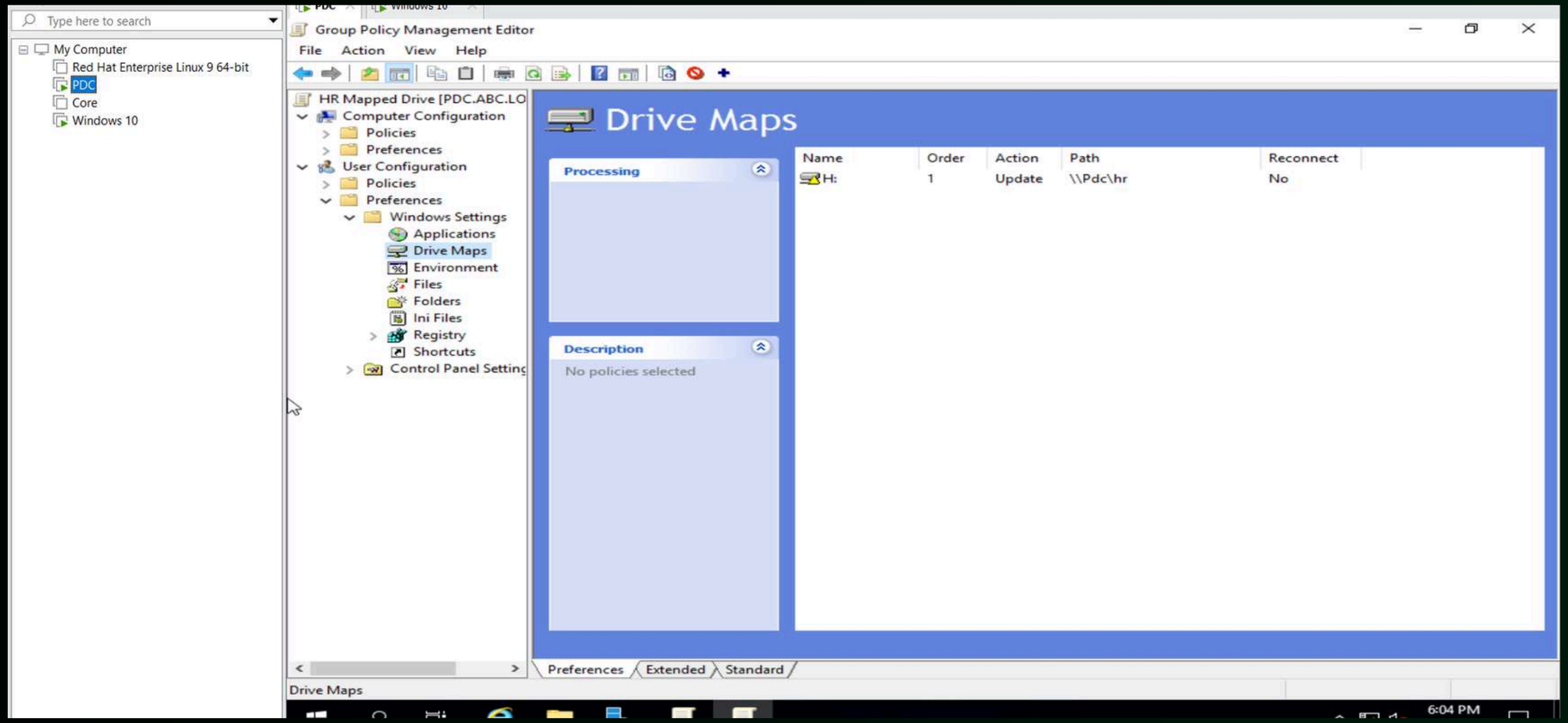
10:38 AM
12/2/2025

HR Printer && Setting

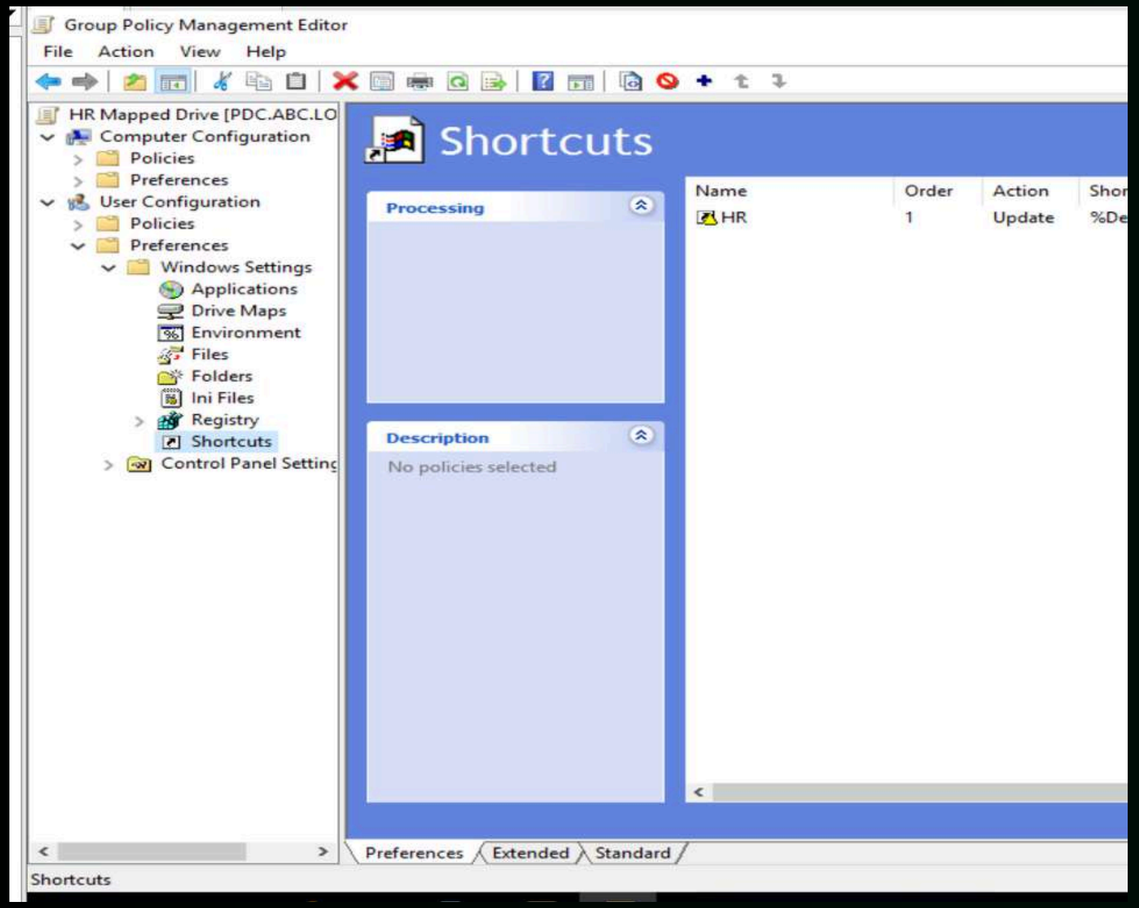


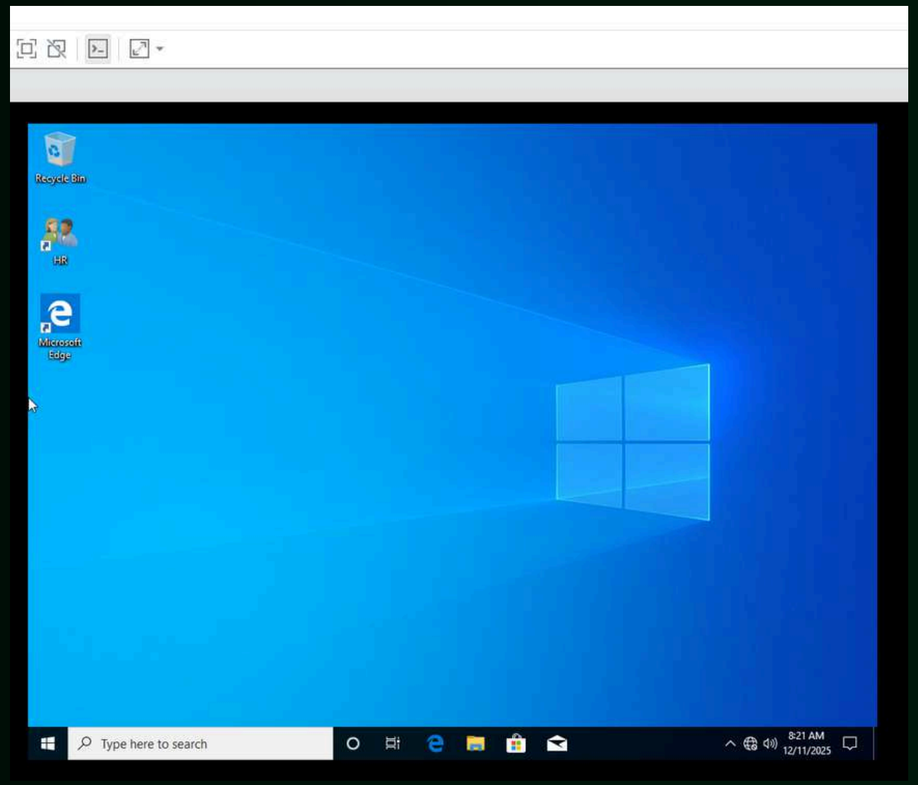


HR Mapped Drive

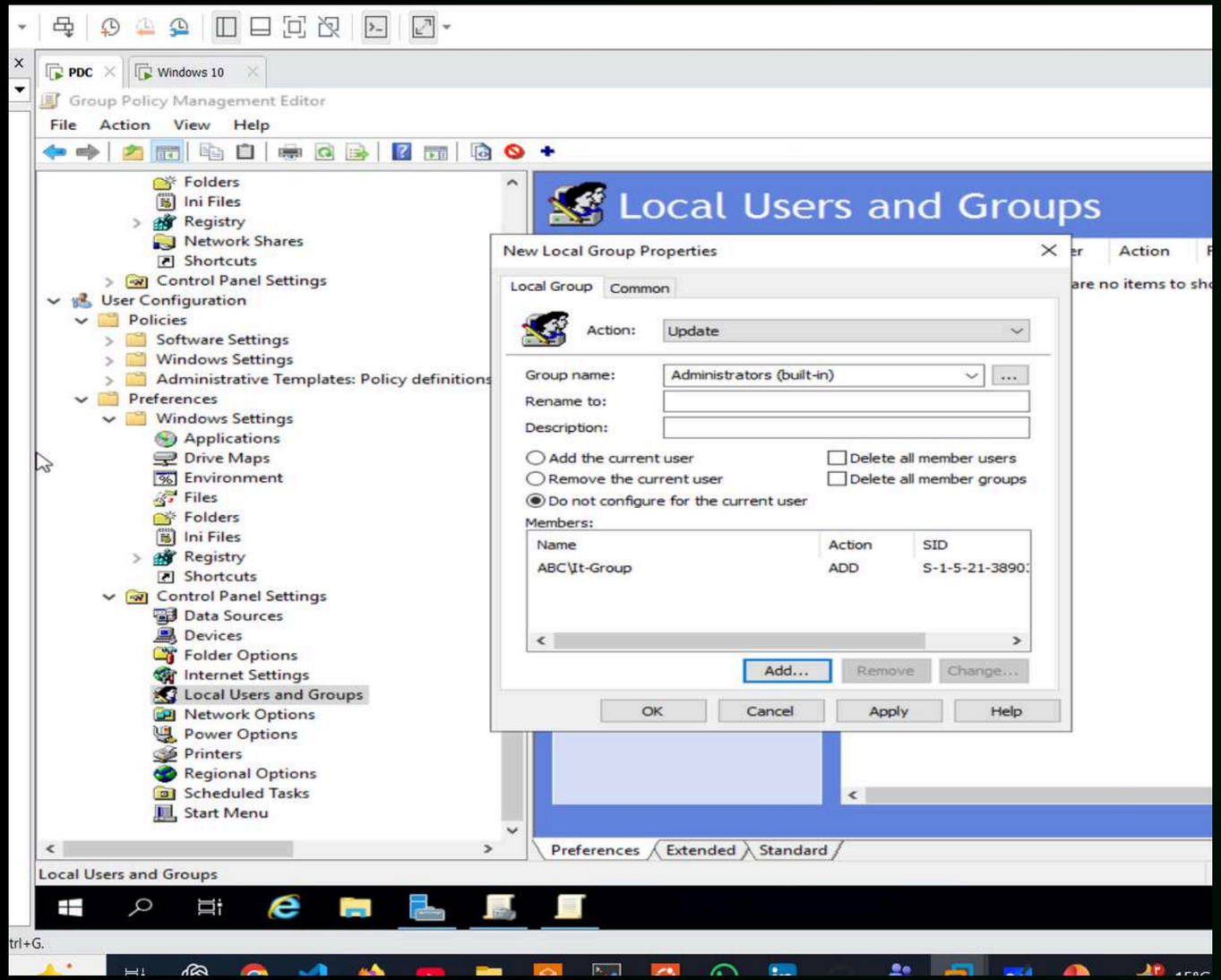


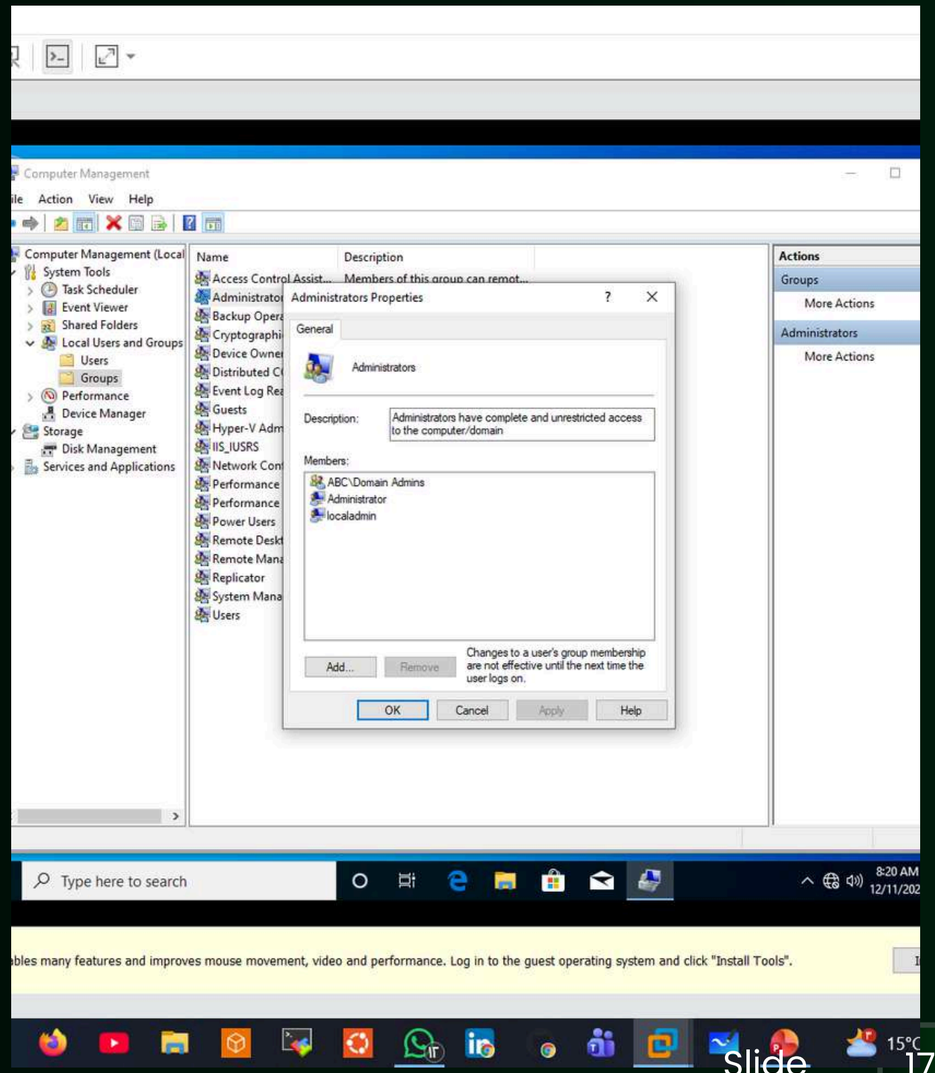
HR URL


Group Policy Management Editor
File Action View Help
HR Mapped Drive [PDC.ABC.LO
Computer Configuration
Policies
Preferences
User Configuration
Policies
Preferences
Windows Settings
Applications
Drive Maps
Environment
Files
Folders
Ini Files
Registry
Shortcuts
Control Panel Setting
Shortcuts
Processing
Description
No policies selected
Name
Order
Action
HR
1
Update
Preferences
Extended
Standard
Shortcuts

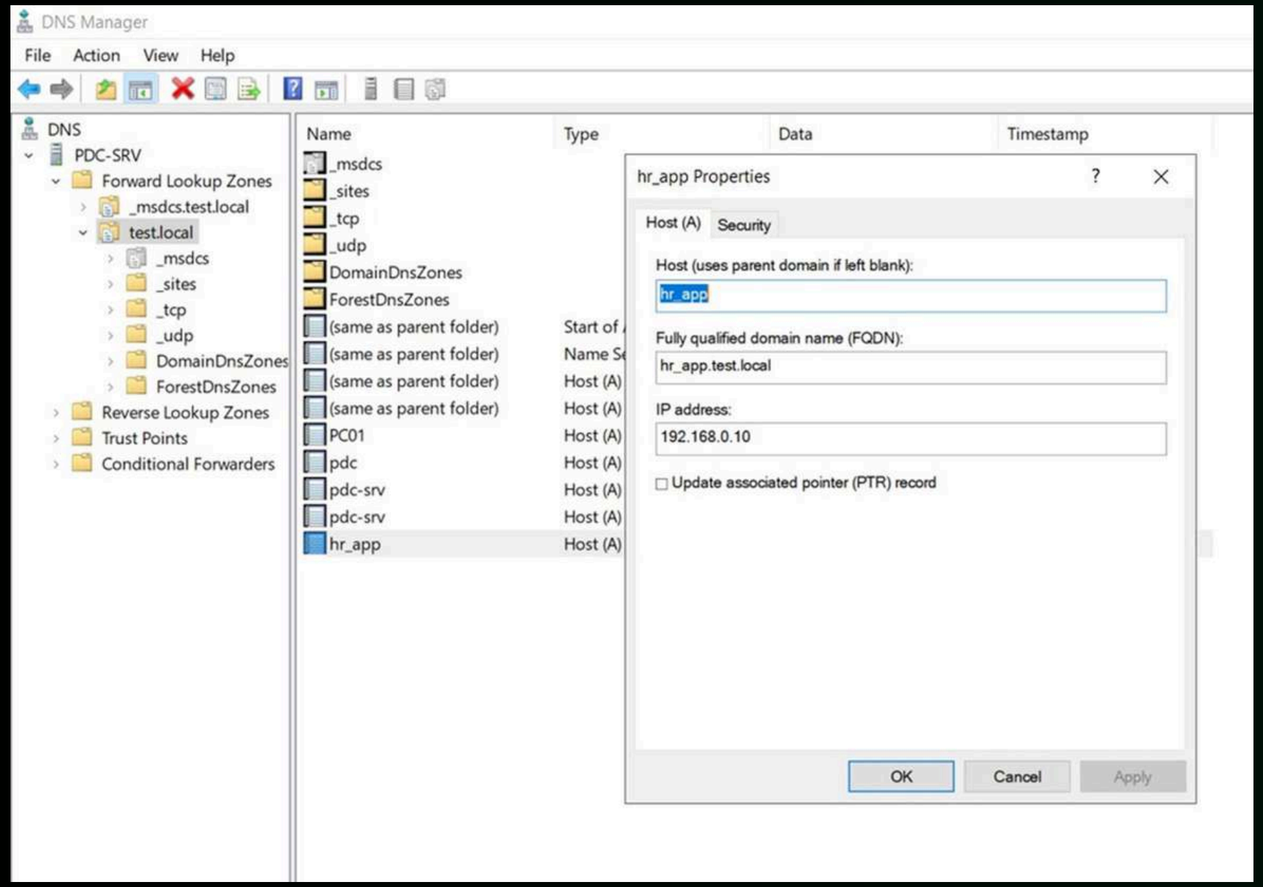

Recycle Bin
HR
Microsoft Edge
Type here to search
8:21 AM
12/11/2025

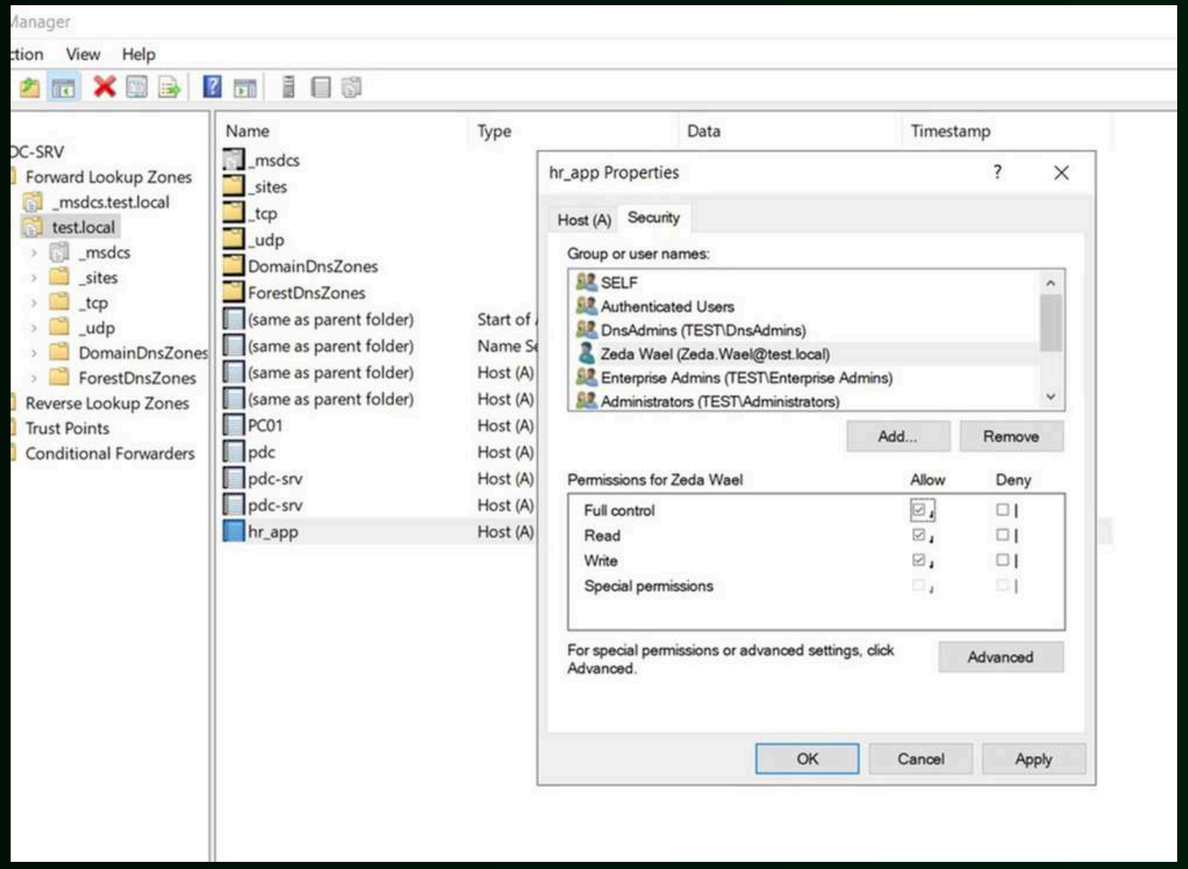
Add it group to administrator group using group policy



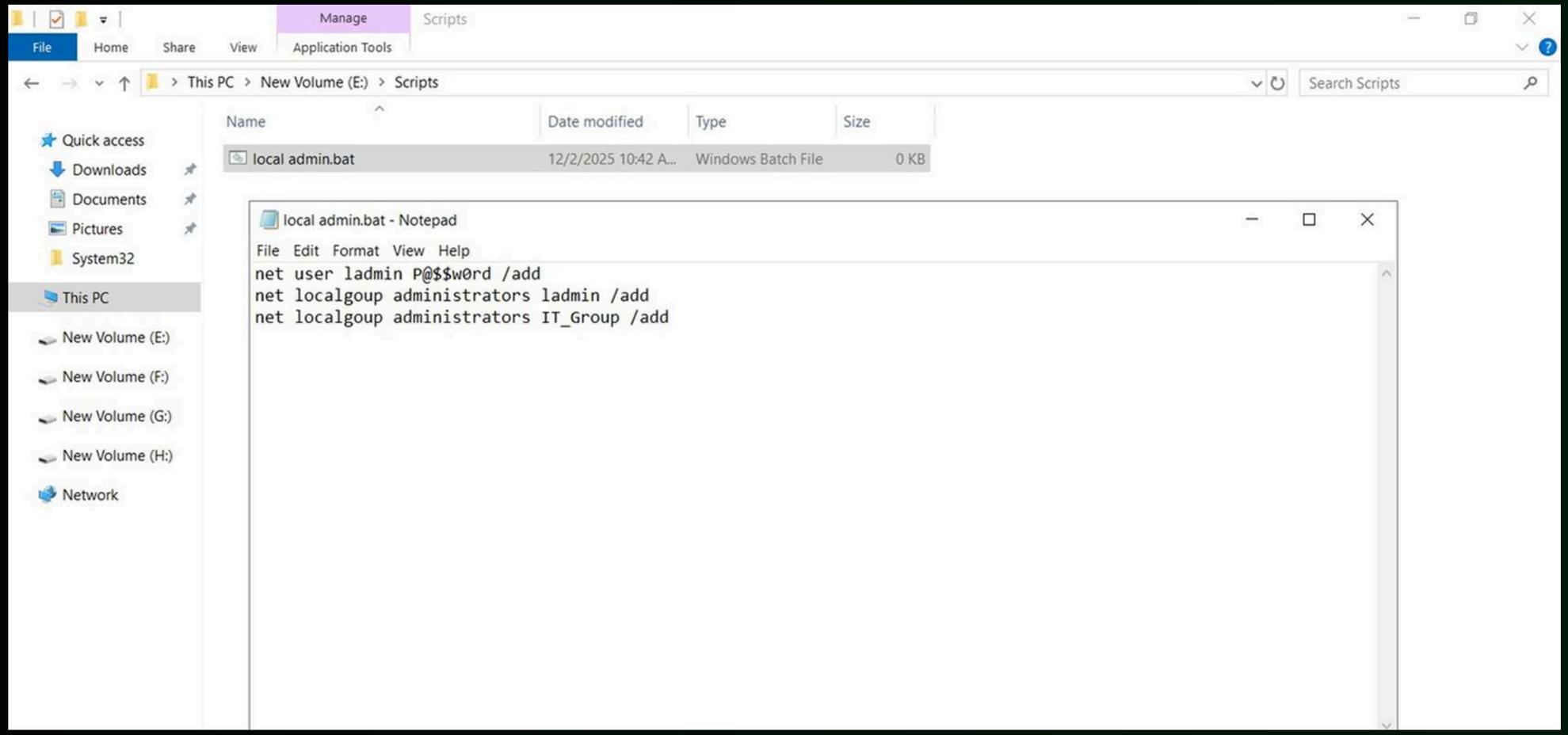


DNS Records

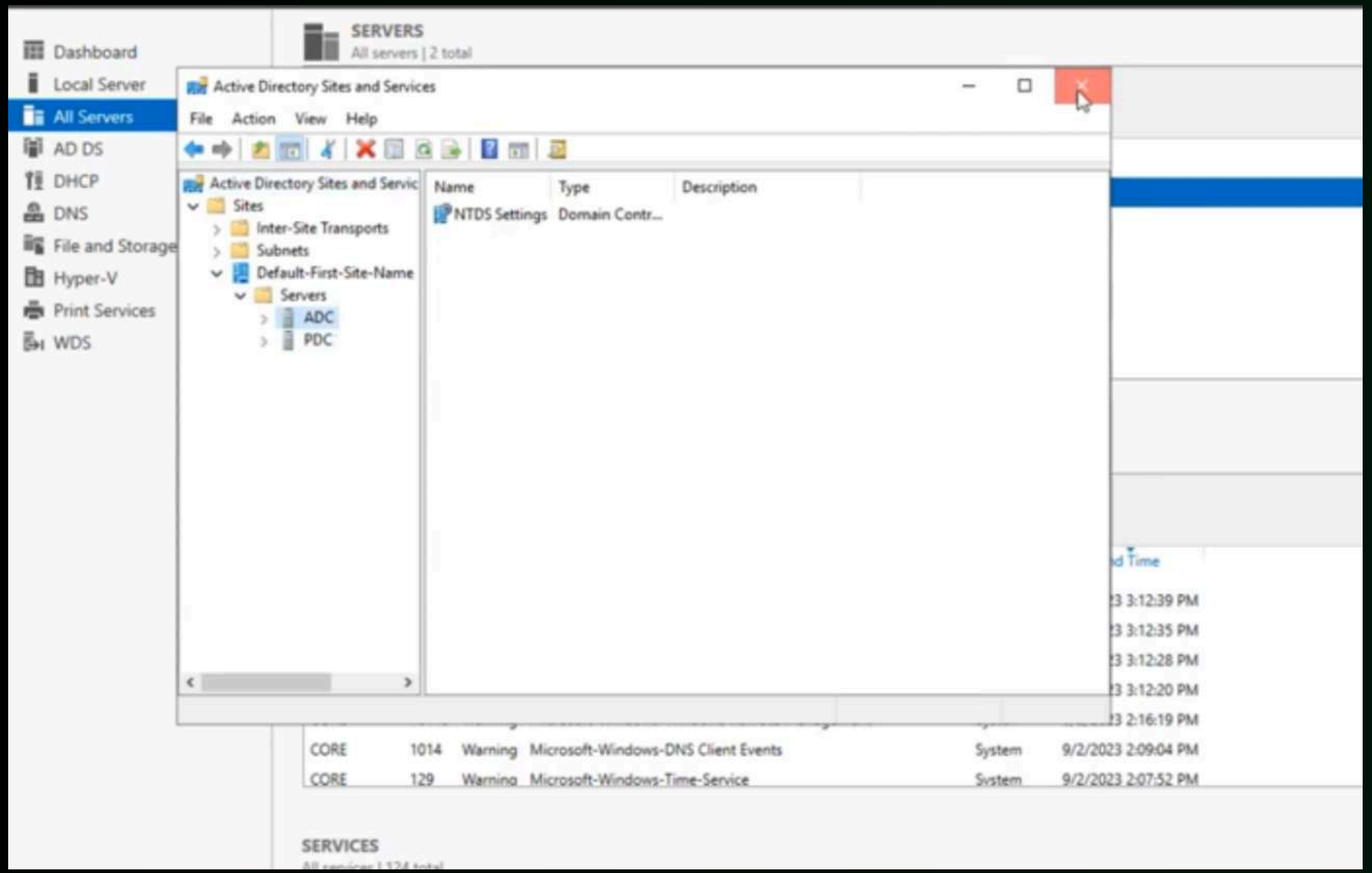

DNS Manager
File Action View Help
DNS
PDC-SRV
Forward Lookup Zones
_msdcs.test.local
test.local
_msdcs
_sites
_tcp
_udp
DomainDnsZones
ForestDnsZones
Reverse Lookup Zones
Trust Points
Conditional Forwarders
Name
Type
Data
Timestamp
_msdcs
_sites
_tcp
_udp
DomainDnsZones
ForestDnsZones
(same as parent folder)
PC01
pdc
pdc-srv
pdc-srv
hr_app
Start of
Name Se
Host (A)
hr_app Properties
Host (A)
Security
Host (uses parent domain if left blank):
hr_app
Fully qualified domain name (FQDN):
hr_app.test.local
IP address:
192.168.0.10
Update associated pointer (PTR) record
OK
Cancel
Apply


Manager
tion View Help
DC-SRV
Forward Lookup Zones
_msdcs.test.local
test.local
_msdcs
_sites
_tcp
_udp
DomainDnsZones
ForestDnsZones
Reverse Lookup Zones
Trust Points
Conditional Forwarders
Name
Type
Data
Timestamp
_msdcs
_sites
_tcp
_udp
DomainDnsZones
ForestDnsZones
(same as parent folder)
PC01
pdc
pdc-srv
pdc-srv
hr_app
Start of
Name Se
Host (A)
hr_app Properties
Host (A)
Security
Group or user names:
SELF
Authenticated Users
DnsAdmins (TEST\DnsAdmins)
Zeda Wael (Zeda.Wael@test.local)
Enterprise Admins (TEST\Enterprise Admins)
Administrators (TEST\Administrators)
Add...
Remove
Permissions for Zeda Wael
Allow
Deny
Full control
Read
Write
Special permissions
For special permissions or advanced settings, click Advanced.
Advanced
OK
Cancel
Apply

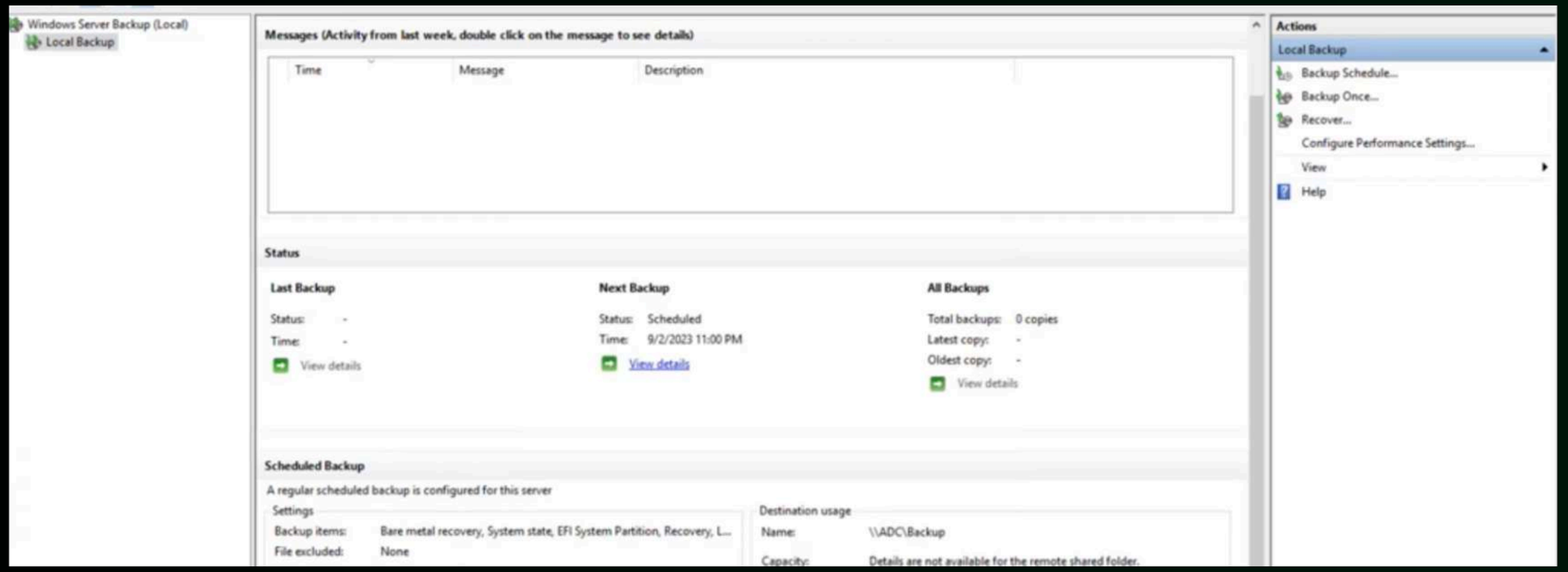
Local Admin Script



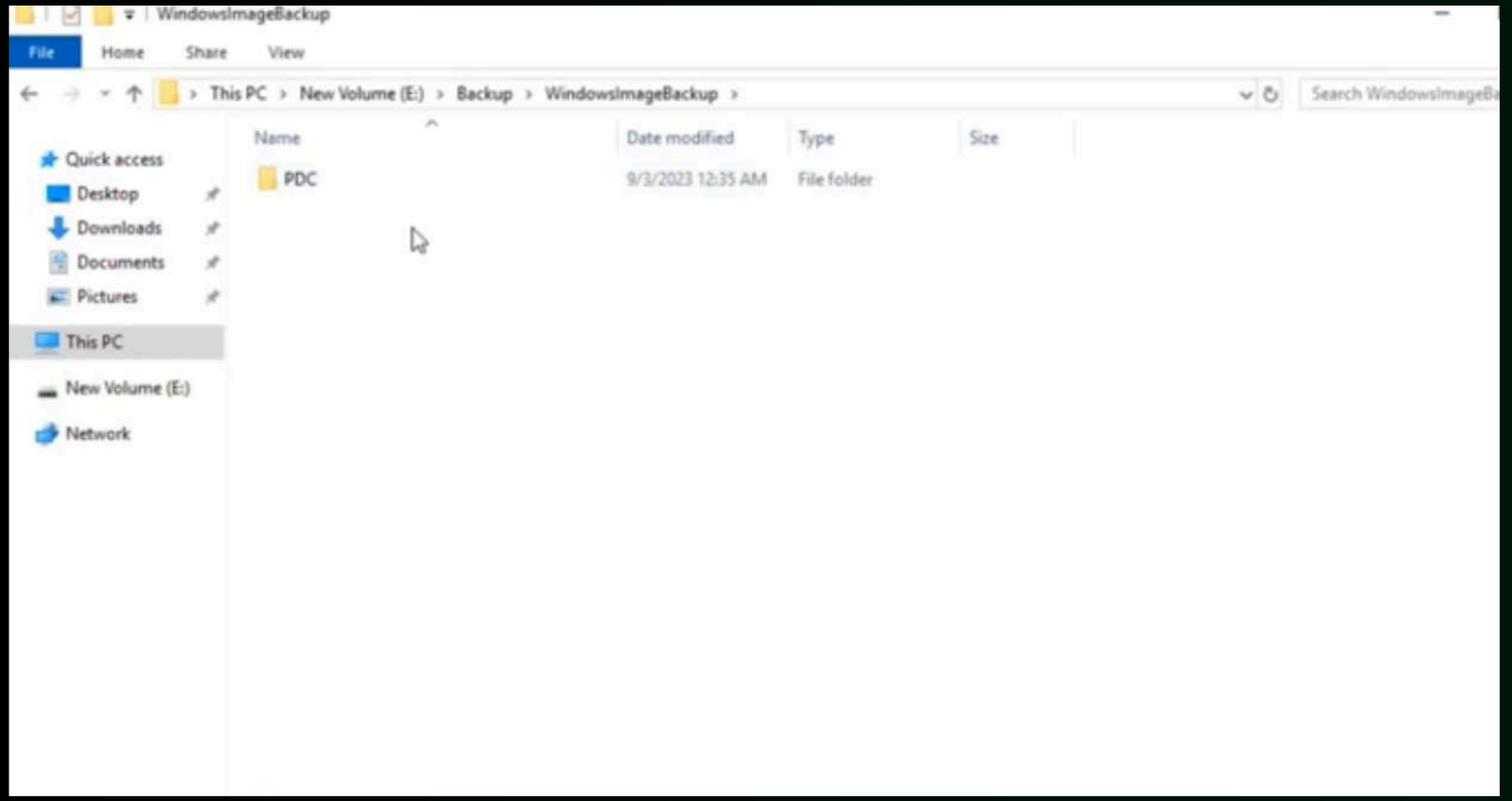
Aditional Domain Controller



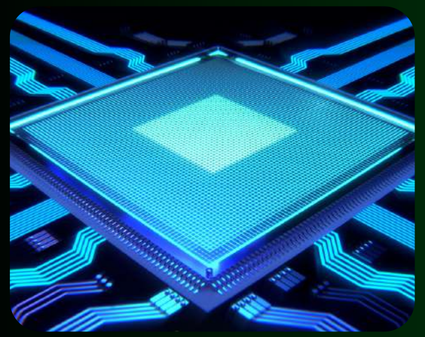
Backup schedual at 11 pm



Backup folder in ADC

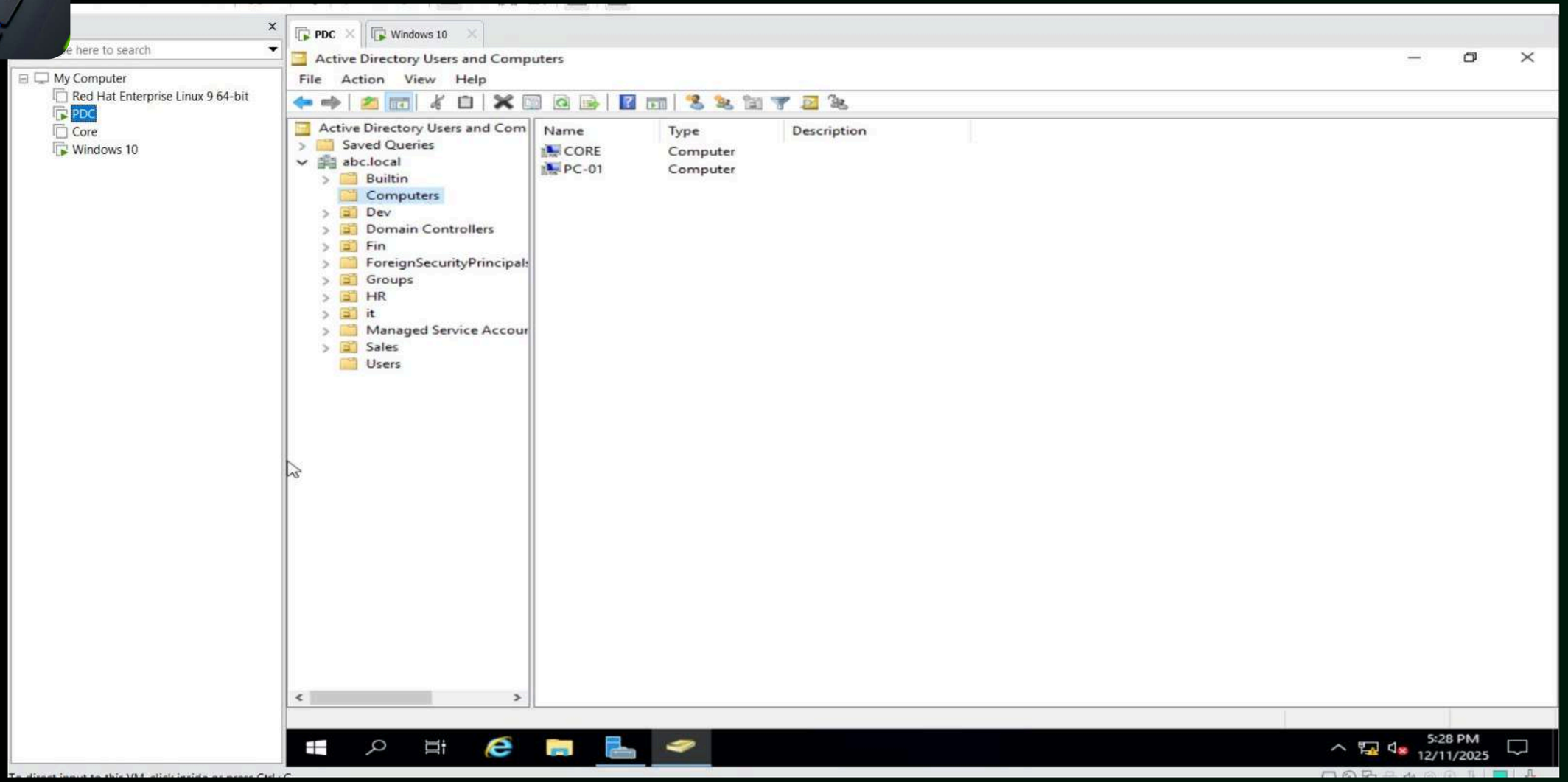


Then Client Setting

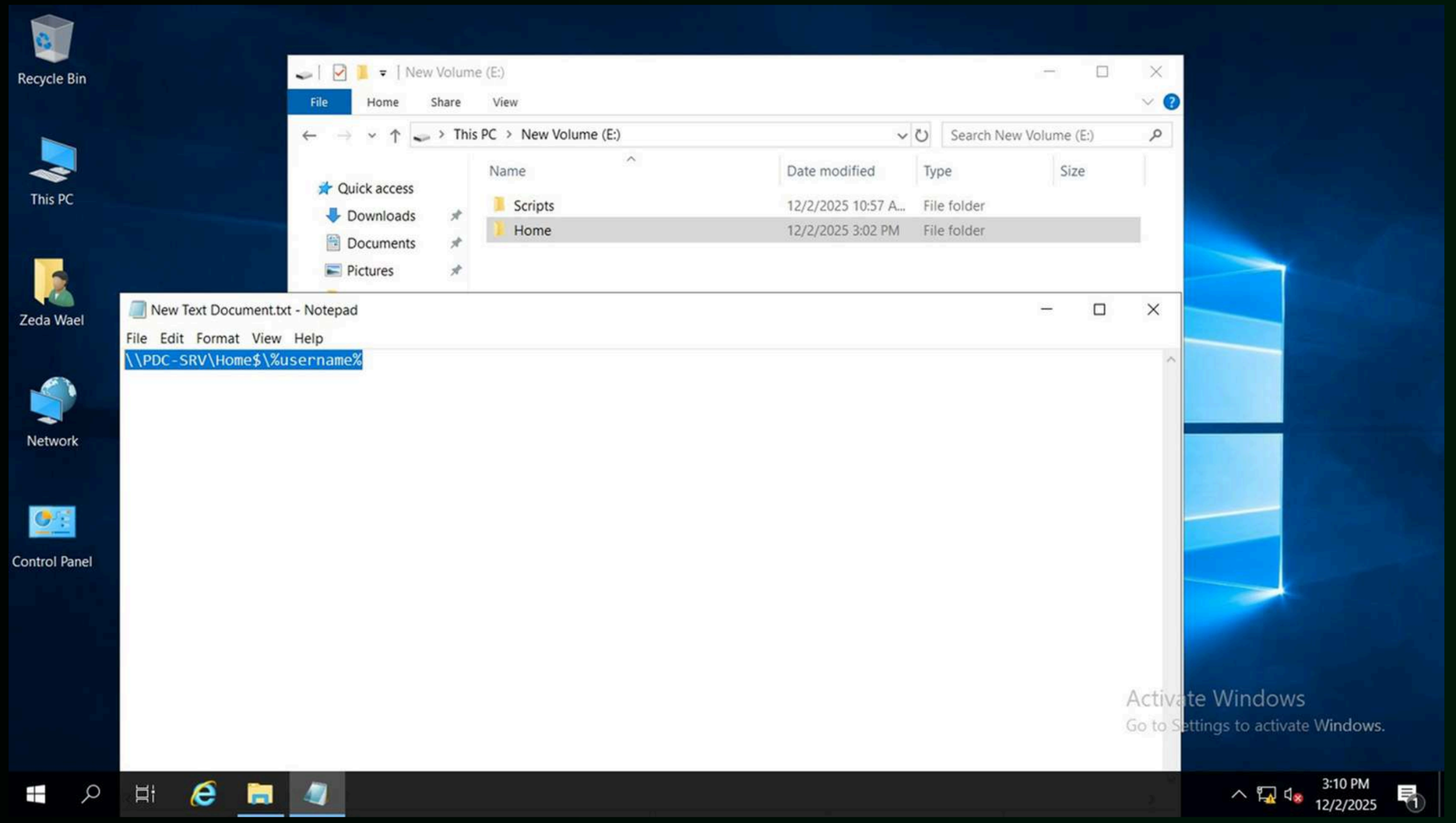


Using WDS To install OS without need external Storage And take ip from DHCP Scope

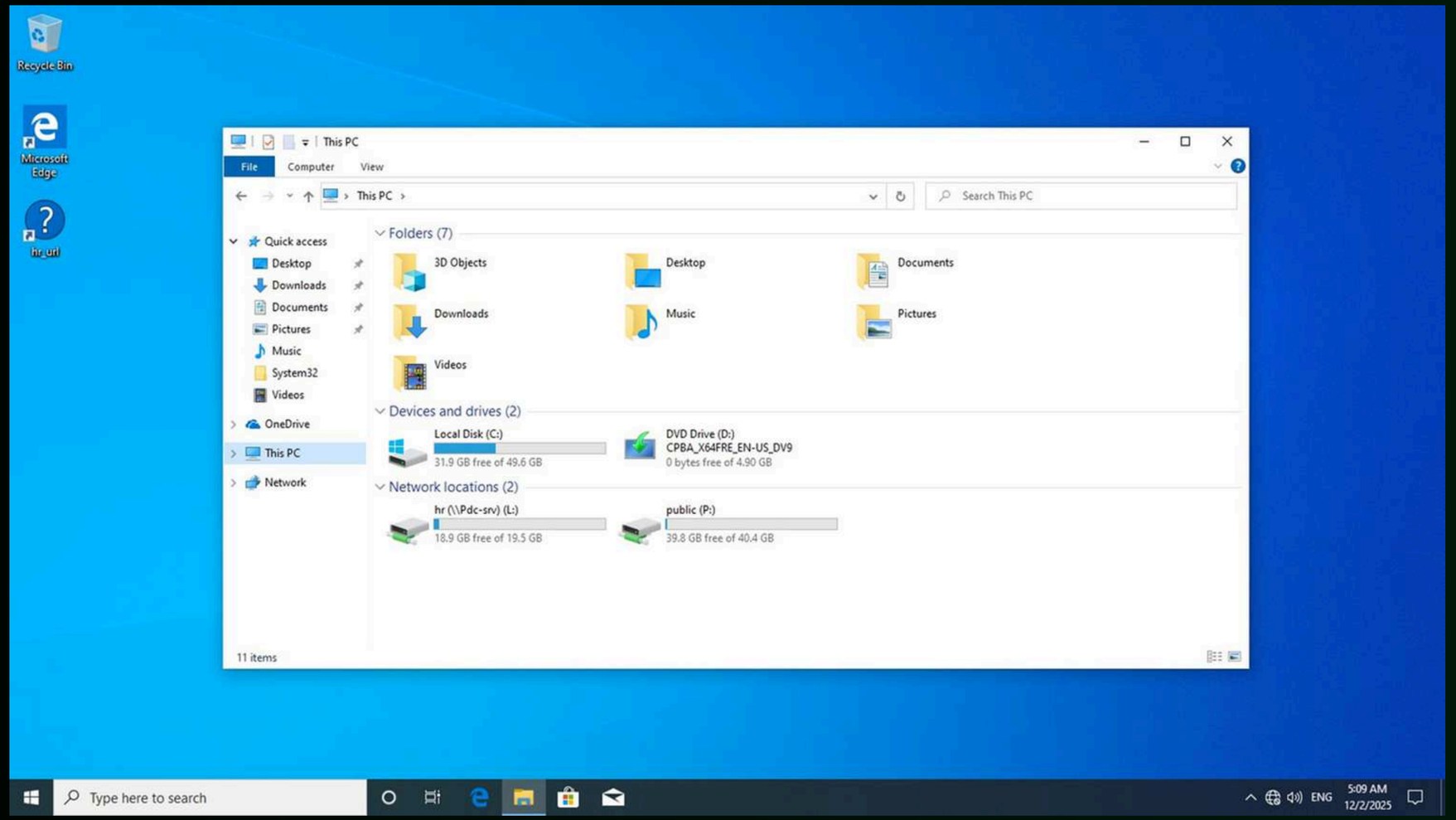
Join the machine to domain



Add Home Folder



HR PC

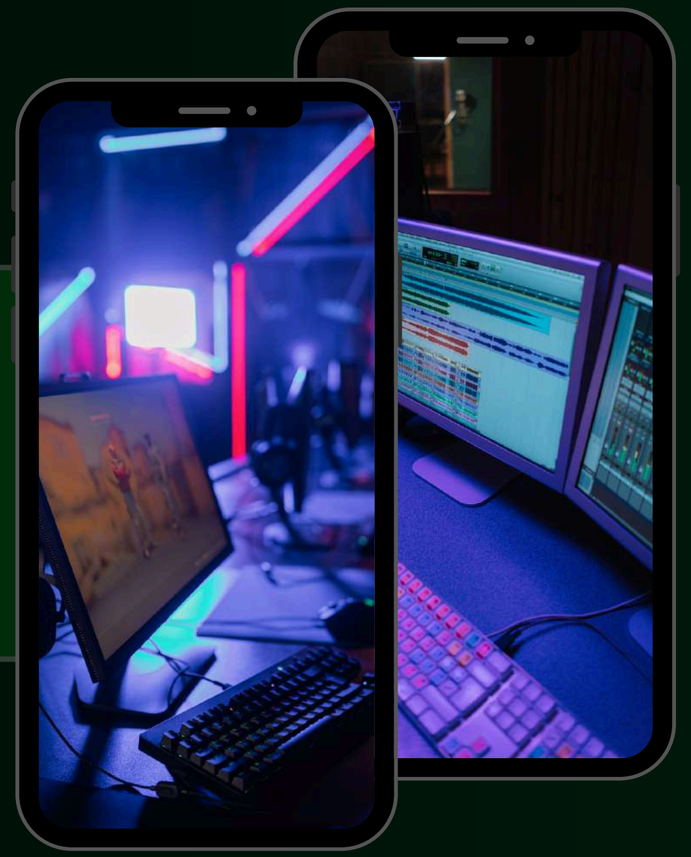

Recycle Bin
Microsoft Edge
hr_url
This PC
File
Computer
View
This PC
Search This PC
Quick access
Desktop
Downloads
Documents
Pictures
Music
System32
Videos
OneDrive
This PC
Network
Folders (7)
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Devices and drives (2)
Local Disk (C:)
31.9 GB free of 49.6 GB
DVD Drive (D:)
CPBA_X64FRE_EN-US_DV9
0 bytes free of 4.90 GB
Network locations (2)
hr (\\Pdc-srv) (L:)
18.9 GB free of 19.5 GB
public (P:)
39.8 GB free of 40.4 GB
11 items
Type here to search
ENG
5:09 AM
12/2/2025

Get in Touch

Phone Number
01017826329

Email
zyadwael333@gmail.com

Social Media
Zyad Wael



THANK YOU

FOR YOUR ATTENTION