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Created DC VM on Azure Cloud

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Home

Virtual machines

Create a virtual machine

Validation passed

Help me create a low cost VM

Help me create a VM optimized for high availability

Help me c

Basics

Subscription

Azure subscription 1

Resource group

My-Workspace

Virtual machine name

DC

Region

Canada Central

Availability options

Availability zone

Zone options

Self-selected zone

Availability zone

1

Security type

Trusted launch virtual machines

Enable secure boot

Yes

Enable vTPM

Yes

Integrity monitoring

No

Image

Windows Server 2022 Datacenter: Azure Edition - Gen2

VM architecture

x64

Size

Standard B2s (2 vcpus, 4 GiB memory)

Enable Hibernation

No

Username

DC

Public inbound ports

RDP

Already have a Windows license?

No

Azure Spot

No

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Copilot

hardik9791@gmail.com

DEFAULT DIRECTORY (HARDIK97...

Azure services

Create a resource

Virtual machines

Resource groups

GitHub

Cost Management ...

Groups

Virtual networks

IP Groups

Quickstart Center

More services

Resources

Recent

Favorite

Name

Type

Last Viewed

DC

Virtual machine

a few seconds ago

My-Workspace

Resource group

2 minutes ago

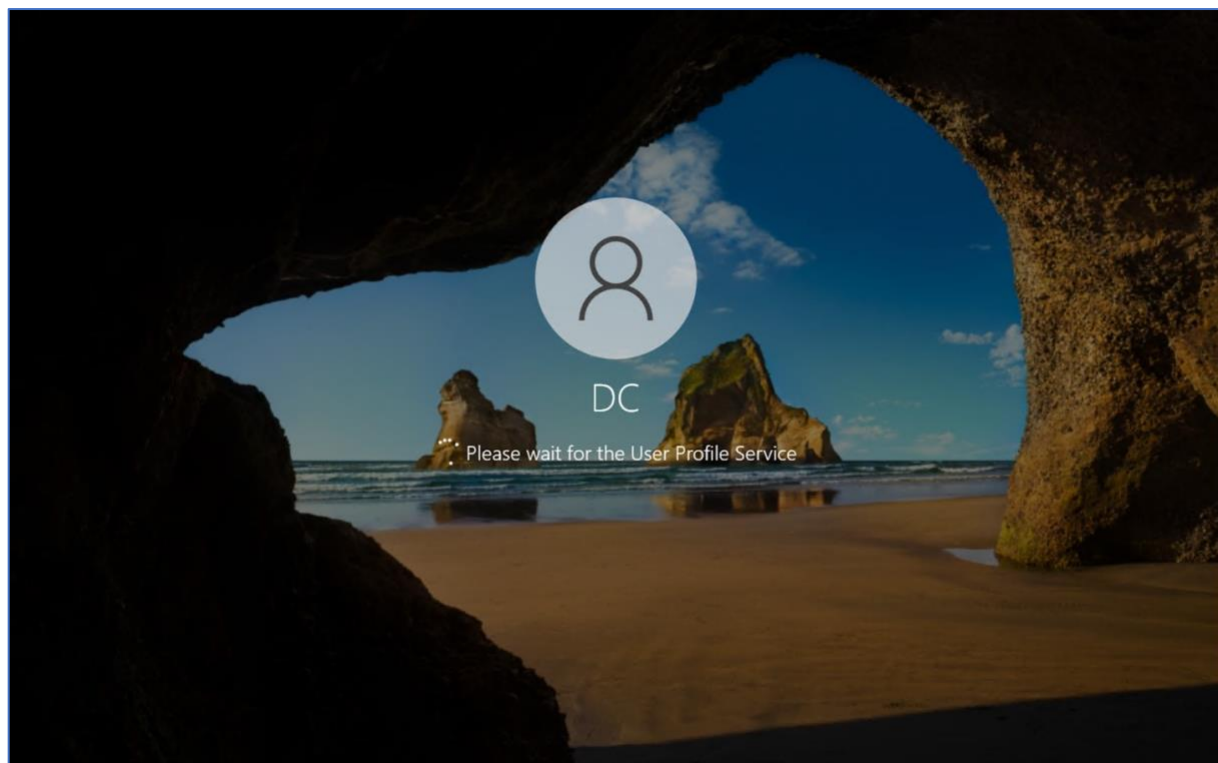
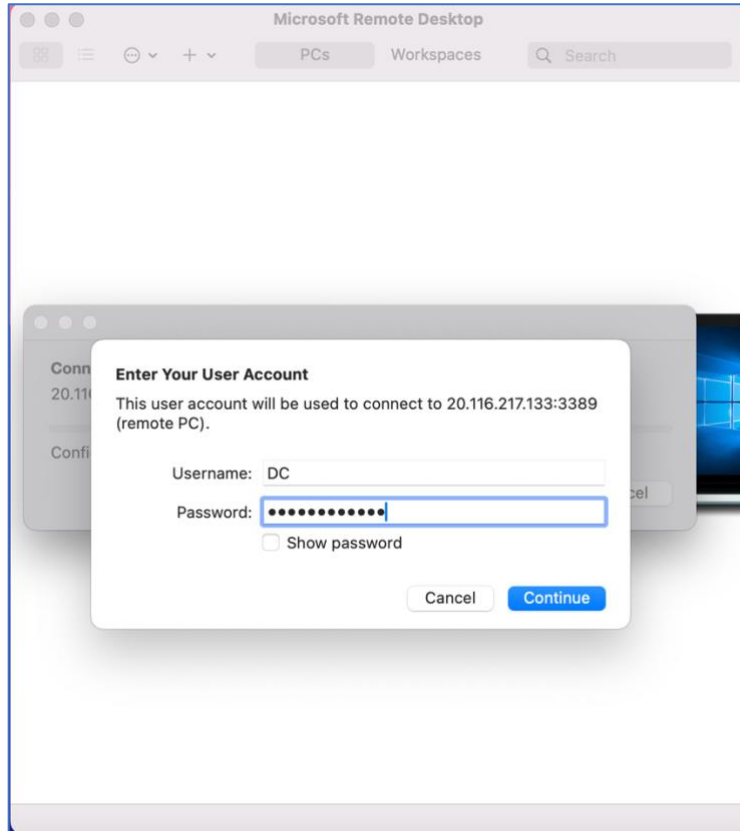
Azure subscription 1

Subscription

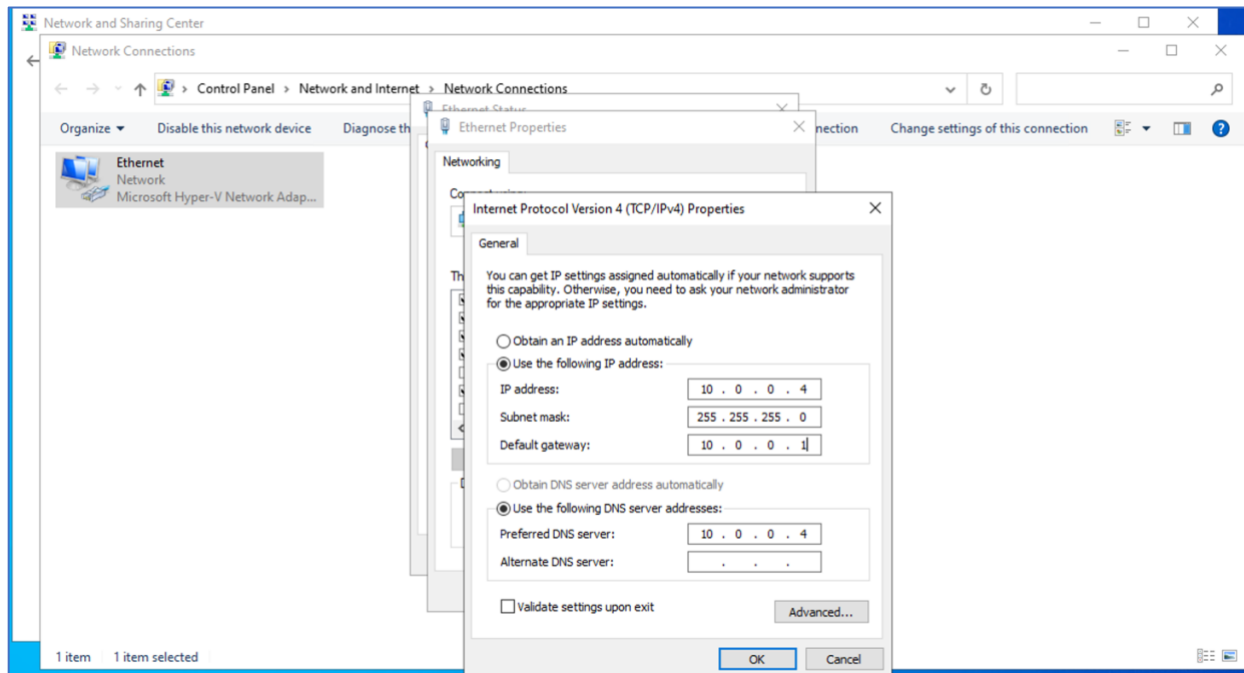
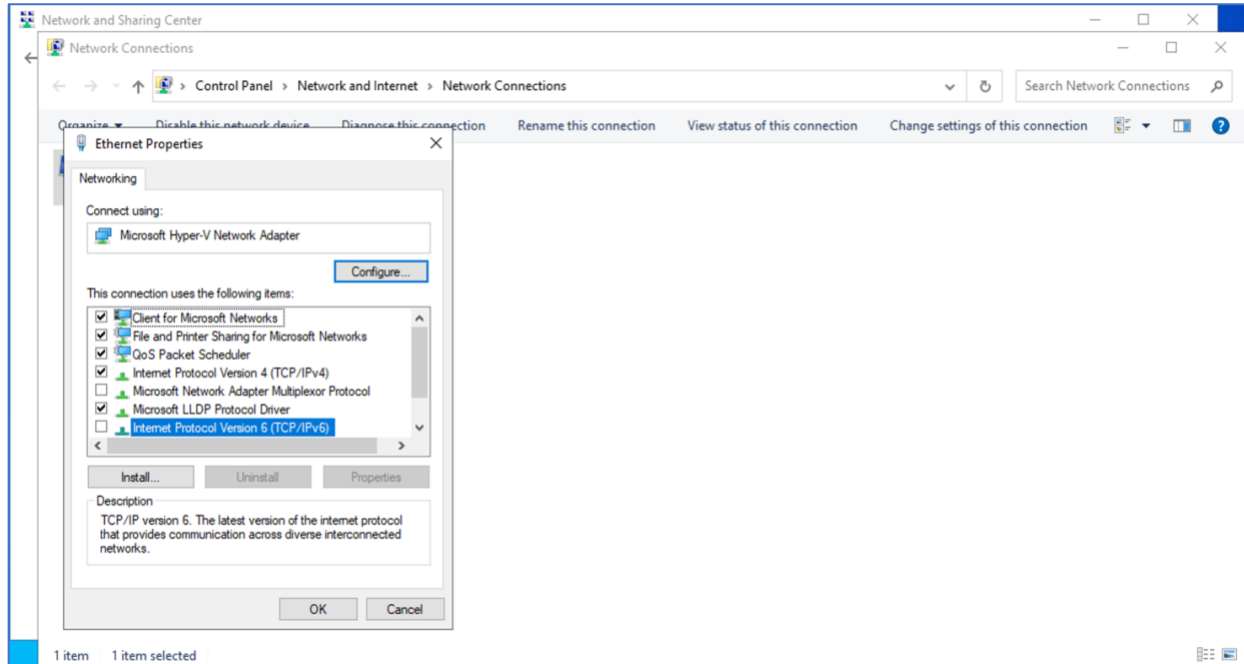
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See all

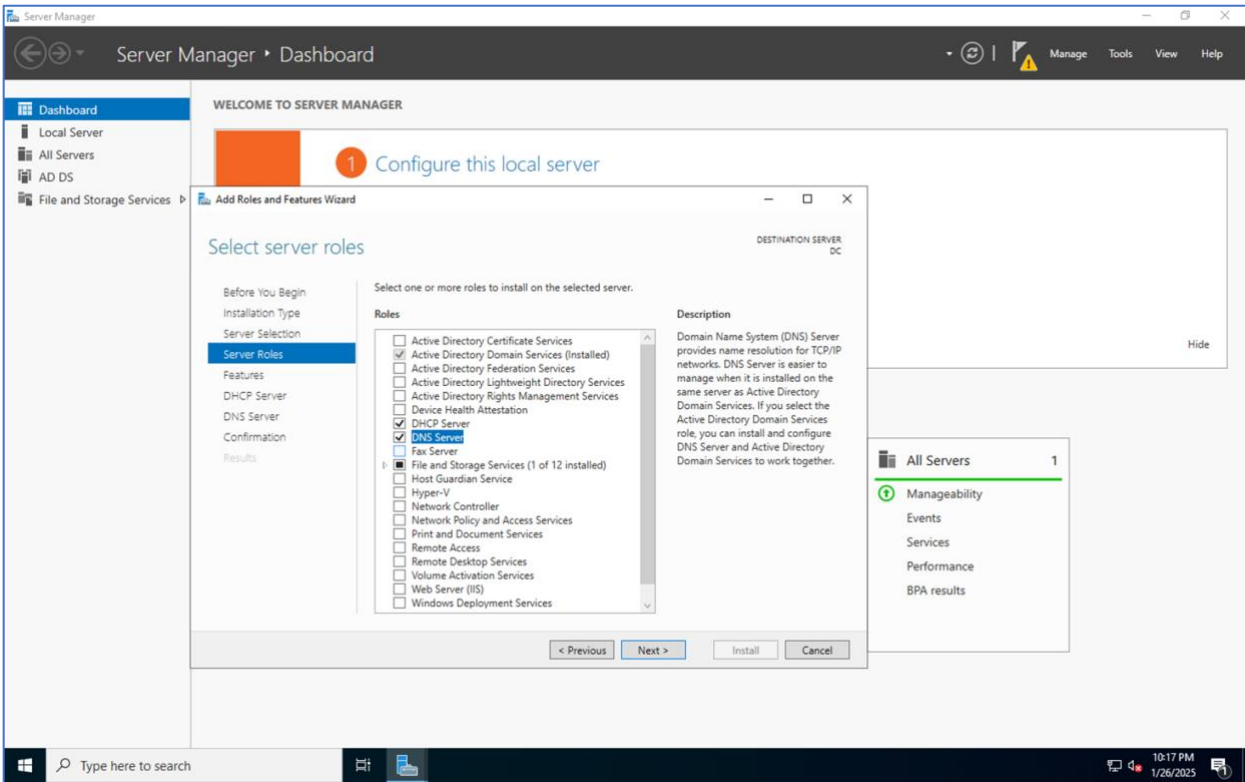
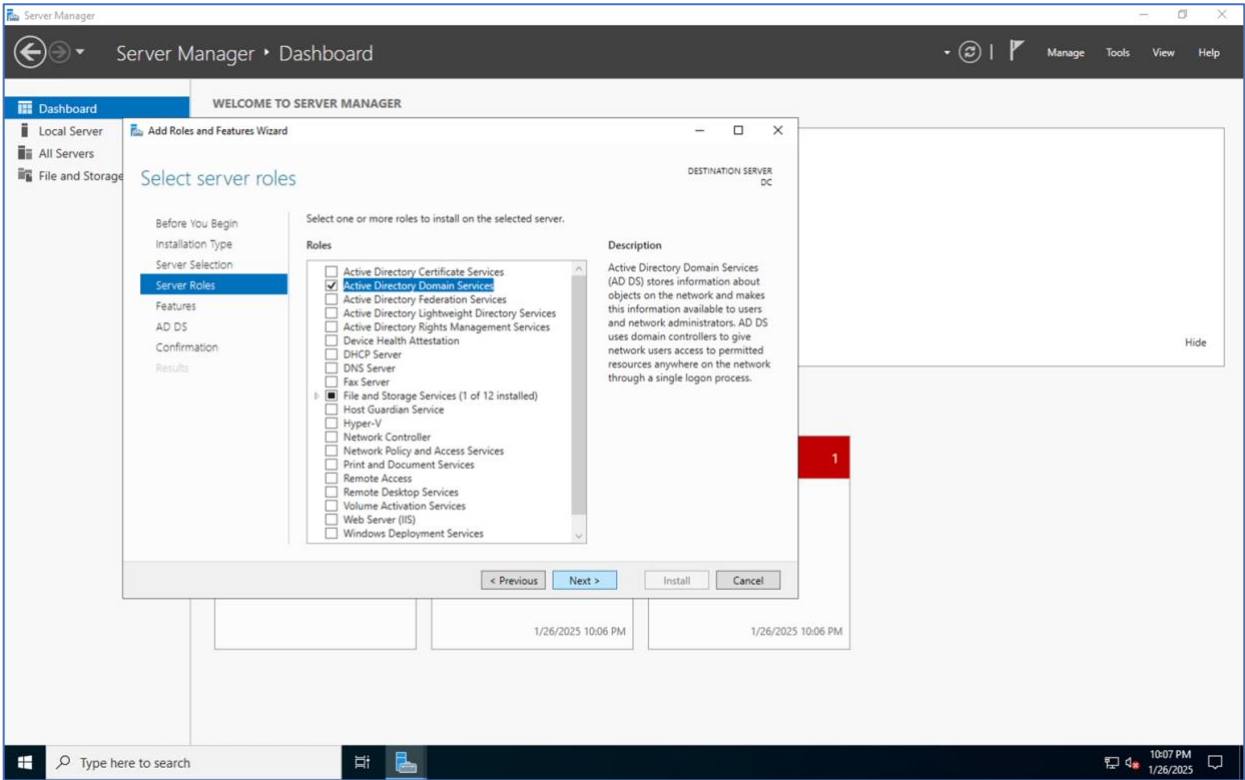
RDP Connection to DC VM

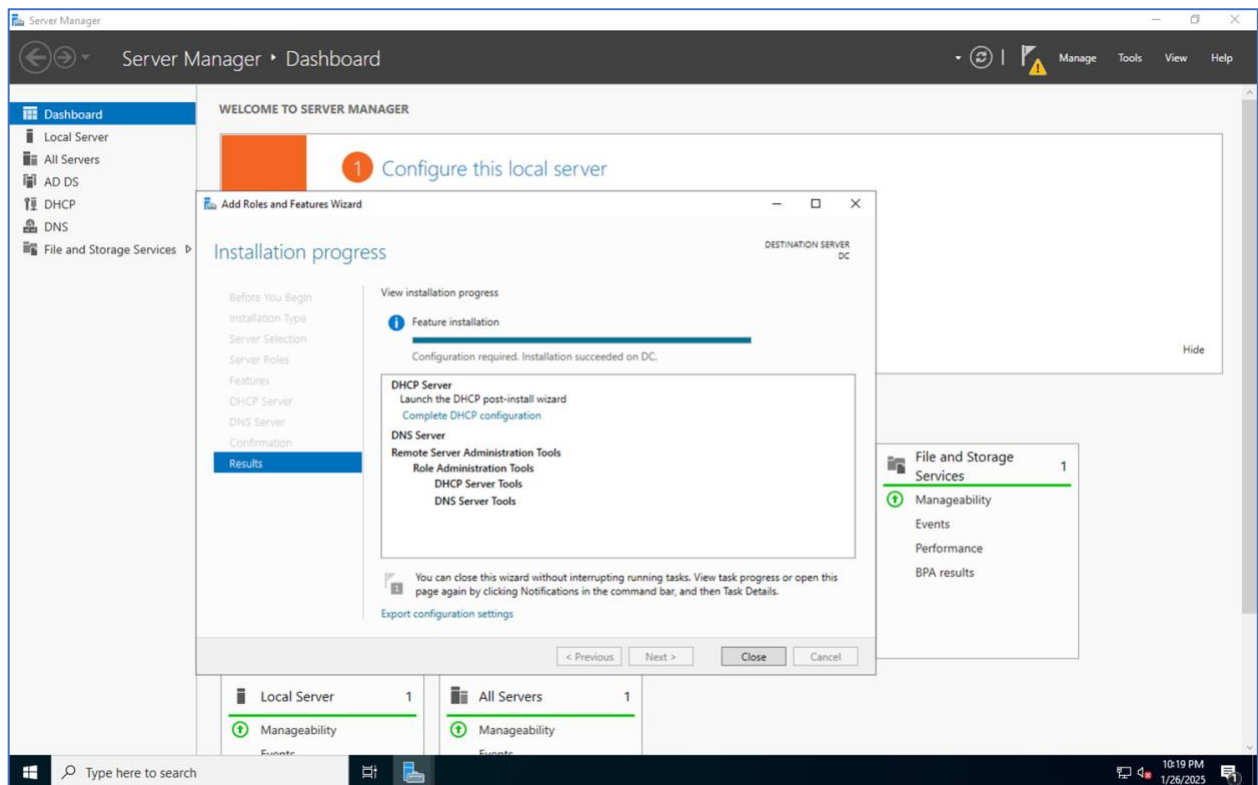
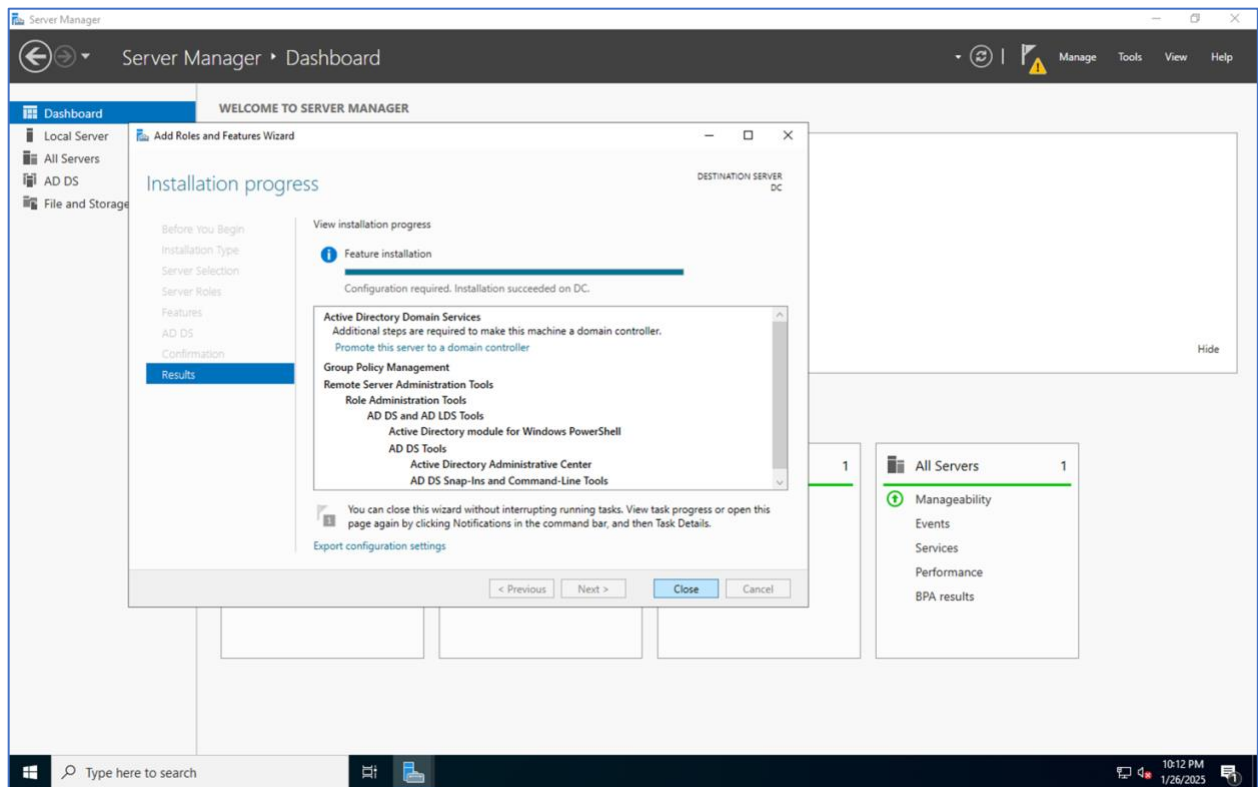


Disabled IPV6 and assigned static IP

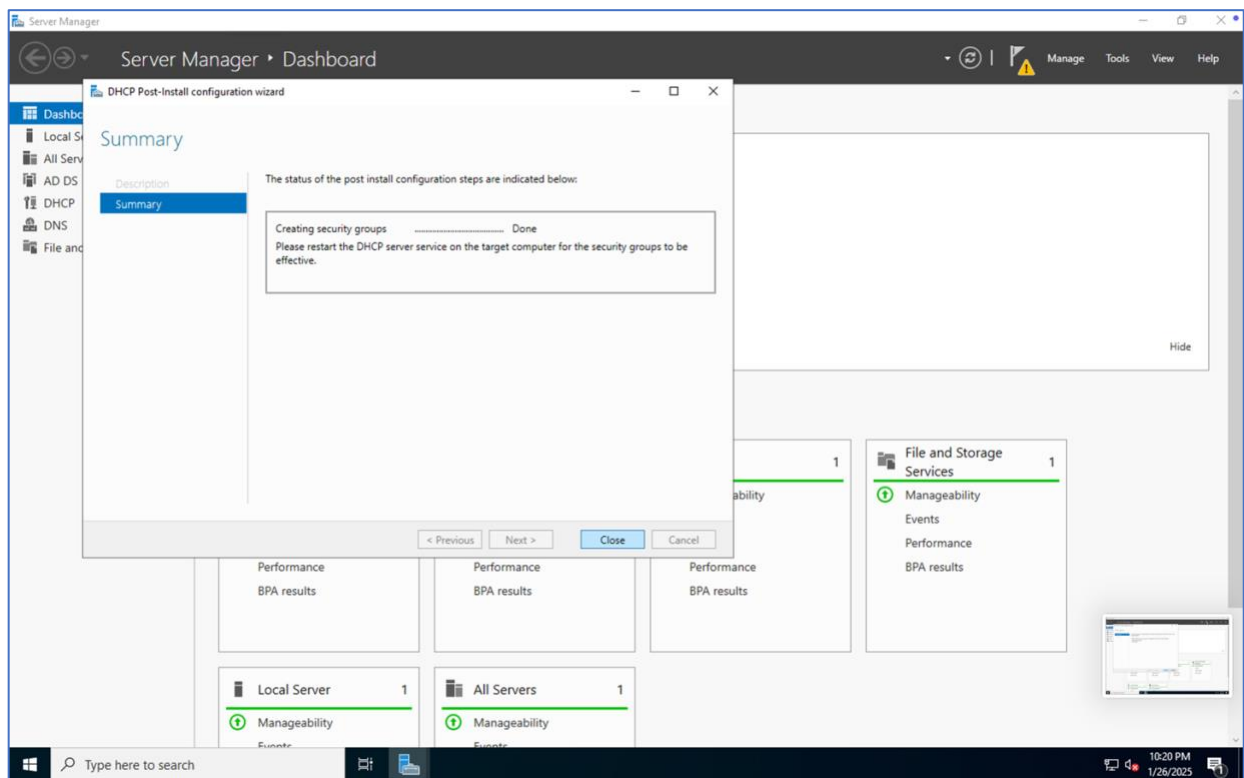
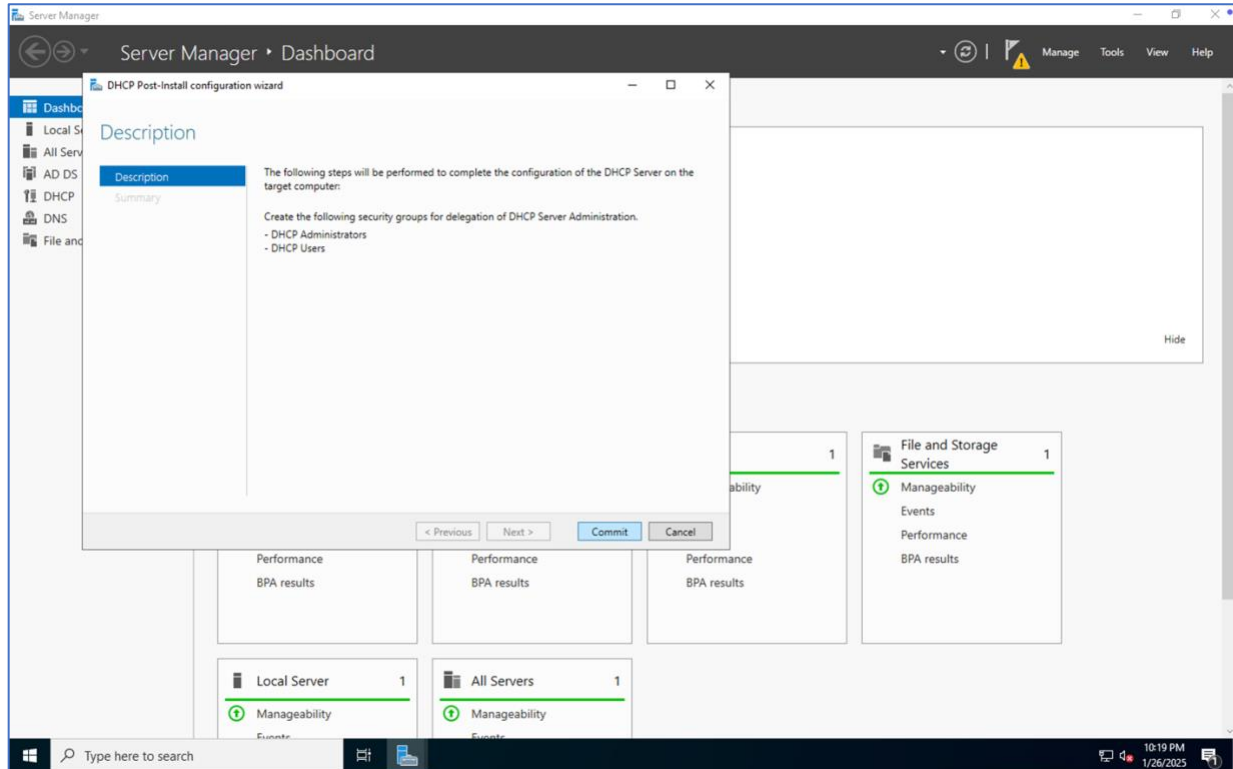


Installation of ADDS, DHCP, and DNS

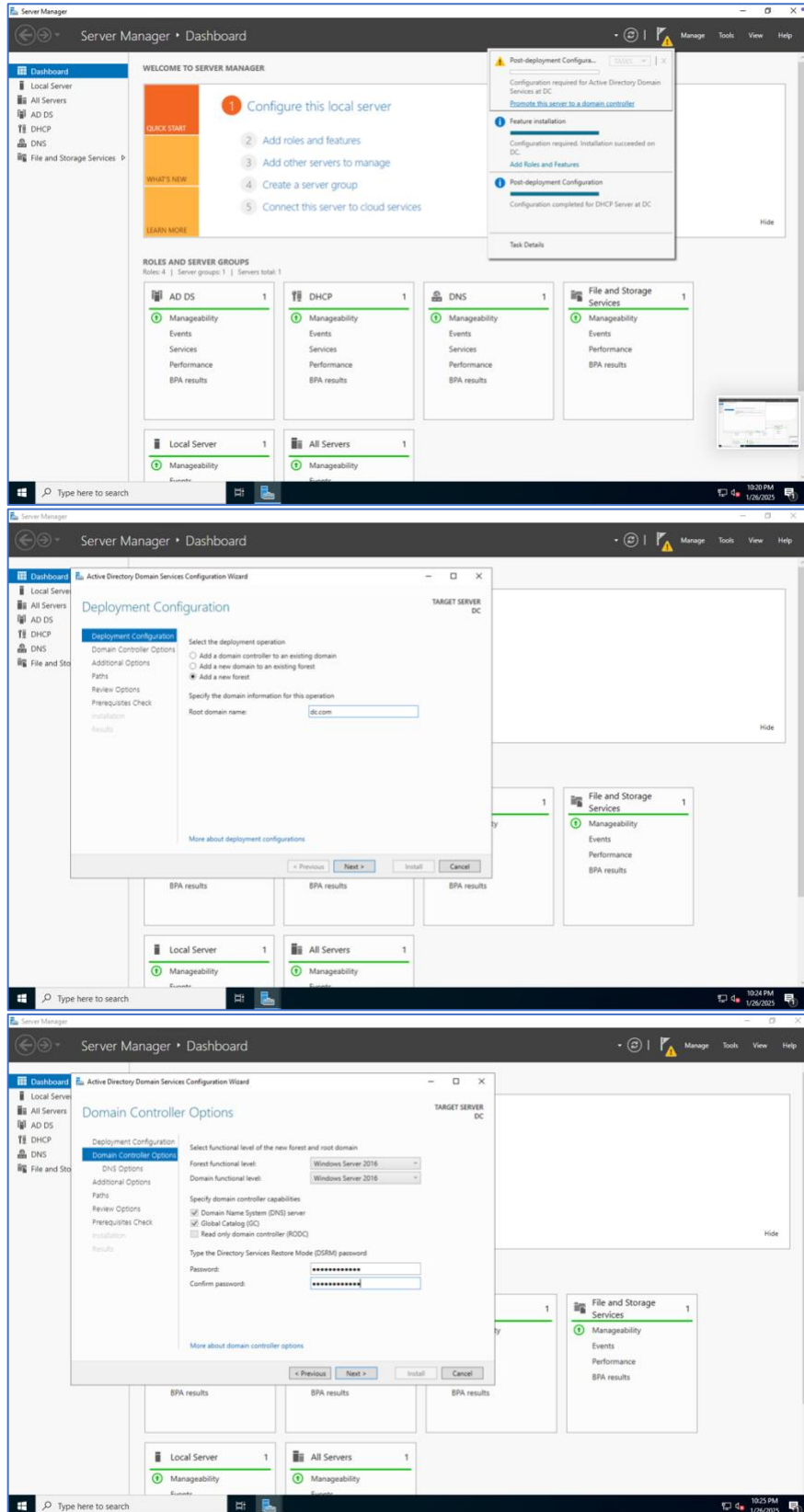


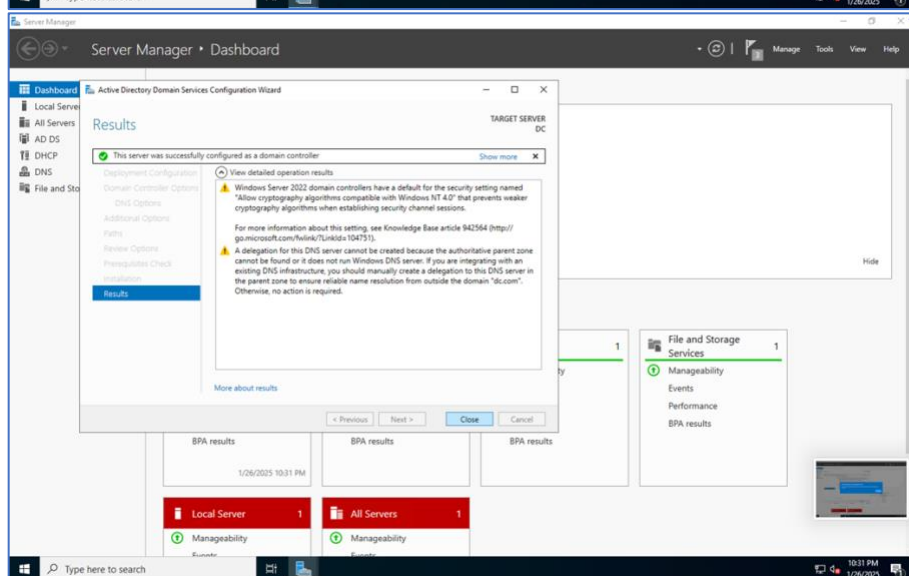
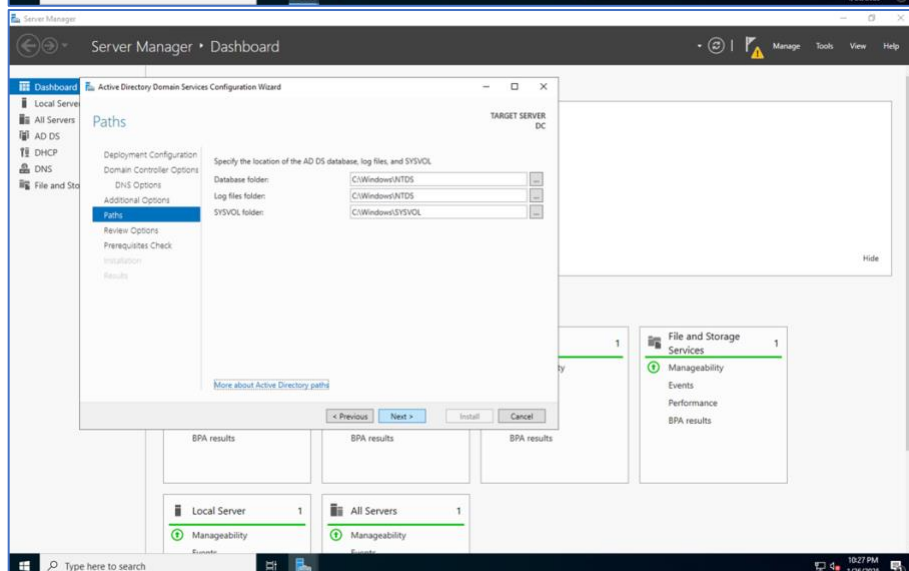
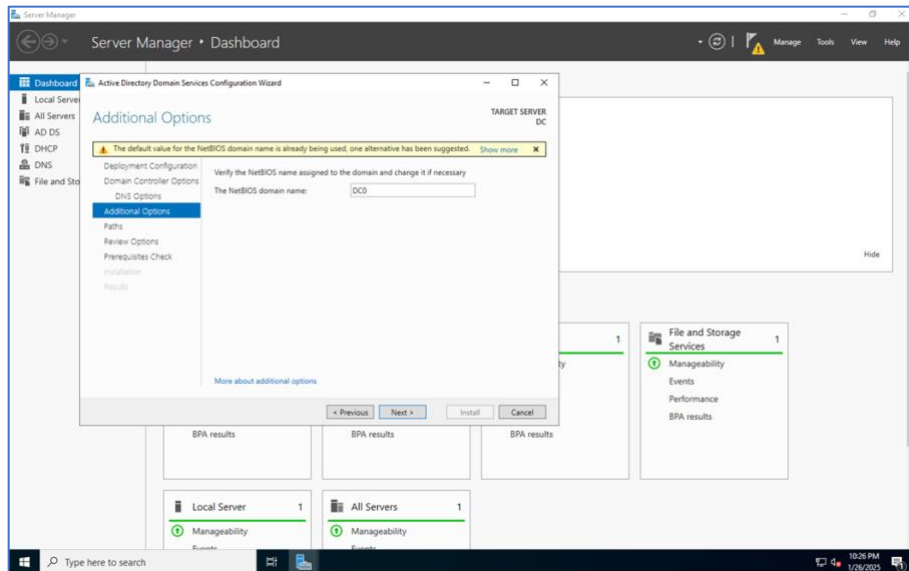


Configuration of DHCP

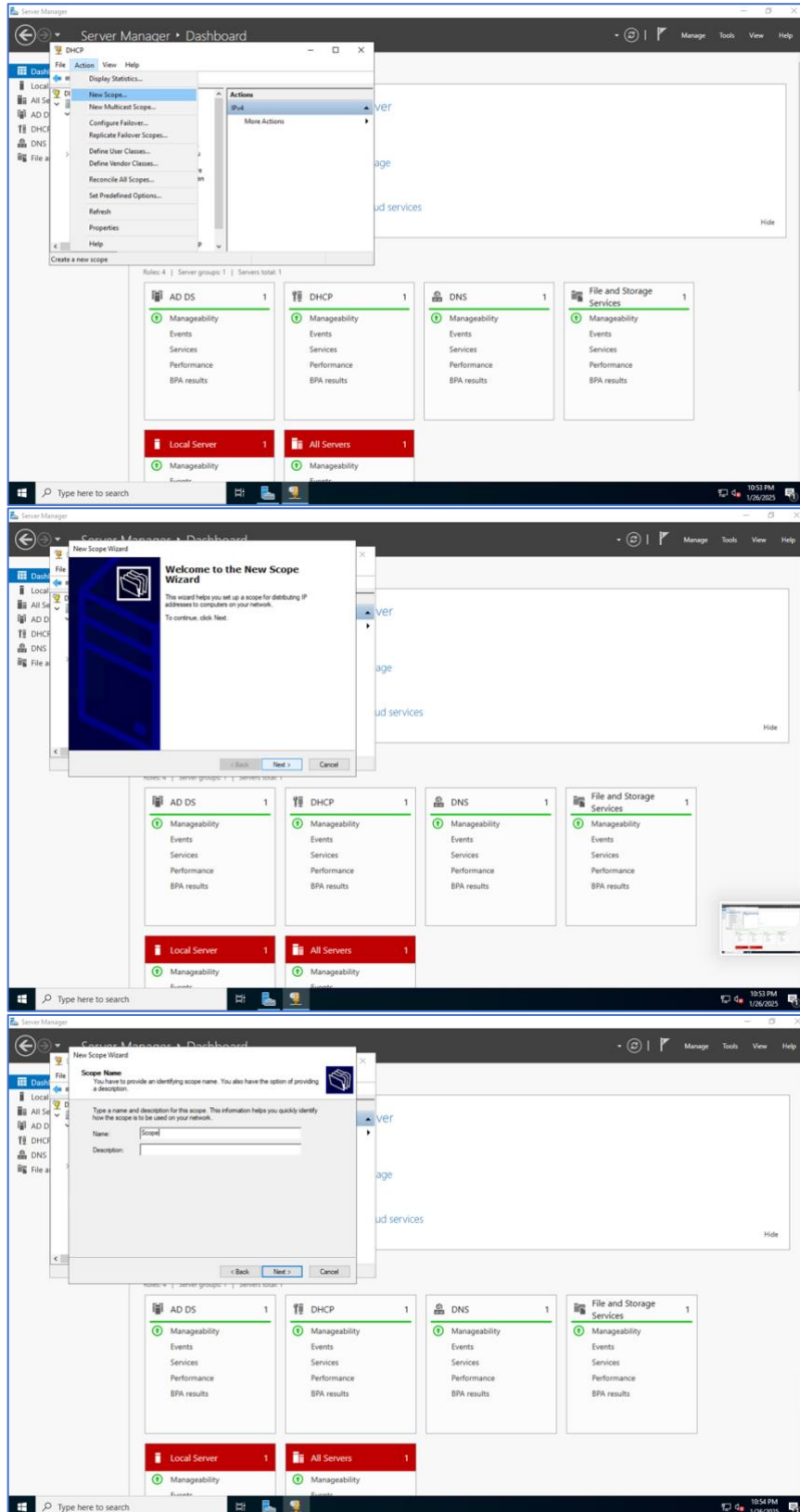


Promoted DC to the Domain Controller and created a new forest





DHCP Scope creation and setup



New Scope Wizard

IP Address Range

You define the scope address range by identifying a set of consecutive IP addresses.

Configuration settings for DHCP Server

Enter the range of addresses that the scope distributes.

Start IP address: 10 . 0 . 0 . 20

End IP address: 10 . 0 . 0 . 30

Configuration settings that propagate to DHCP Client

Length: 8

Subnet mask: 255 . 0 . 0 . 0

< Back Next > Cancel

Server Manager - Overview

Activate Scope

Clients can obtain address leases only if a scope is activated.

Do you want to activate this scope now?

☒ Yes, I want to activate this scope now

☐ No, I will activate this scope later

< Back Next > Cancel

AD DS 1

Manageability

Events

Services

Performance

BPA results

DHCP 1

Manageability

Events

Services

Performance

BPA results

DNS 1

Manageability

Events

Services

Performance

BPA results

File and Storage Services 1

Manageability

Events

Services

Performance

BPA results

Local Server 1

Manageability

All Servers 1

Manageability

Type here to search

10:58 PM 1/26/2025

Server Manager - Overview

Completing the New Scope Wizard

You have successfully completed the New Scope wizard.

To provide high availability for this scope, configure failover for the newly added scope by right-clicking on the scope and clicking on **Configure Failover**.

To close this wizard, click **Finish**.

< Back Finish Cancel

AD DS 1

Manageability

Events

Services

Performance

BPA results

DHCP 1

Manageability

Events

Services

Performance

BPA results

DNS 1

Manageability

Events

Services

Performance

BPA results

File and Storage Services 1

Manageability

Events

Services

Performance

BPA results

Local Server 1

Manageability

All Servers 1

Manageability

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Created DDC VM on Azure Cloud

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Home > Virtual machines >

Create a virtual machine

Validation passed

Help me create a low cost VMHelp me create a VM optimized for high availability

Basics

Subscription	Azure subscription 1
Resource group	My-Workspace
Virtual machine name	DDC
Region	Canada Central
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter: Azure Edition - Gen2
VM architecture	x64
Size	Standard B2s (2 vcpus, 4 GiB memory)
Enable Hibernation	No
Username	DDC
Public inbound ports	RDP
Already have a Windows license?	No
Azure Spot	No

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hardik9791@gmail.com
DEFAULT DIRECTORY (HARDIK97...

Home >

Virtual machines

Default Directory (hardik9791gmail.onmicrosoft.com)

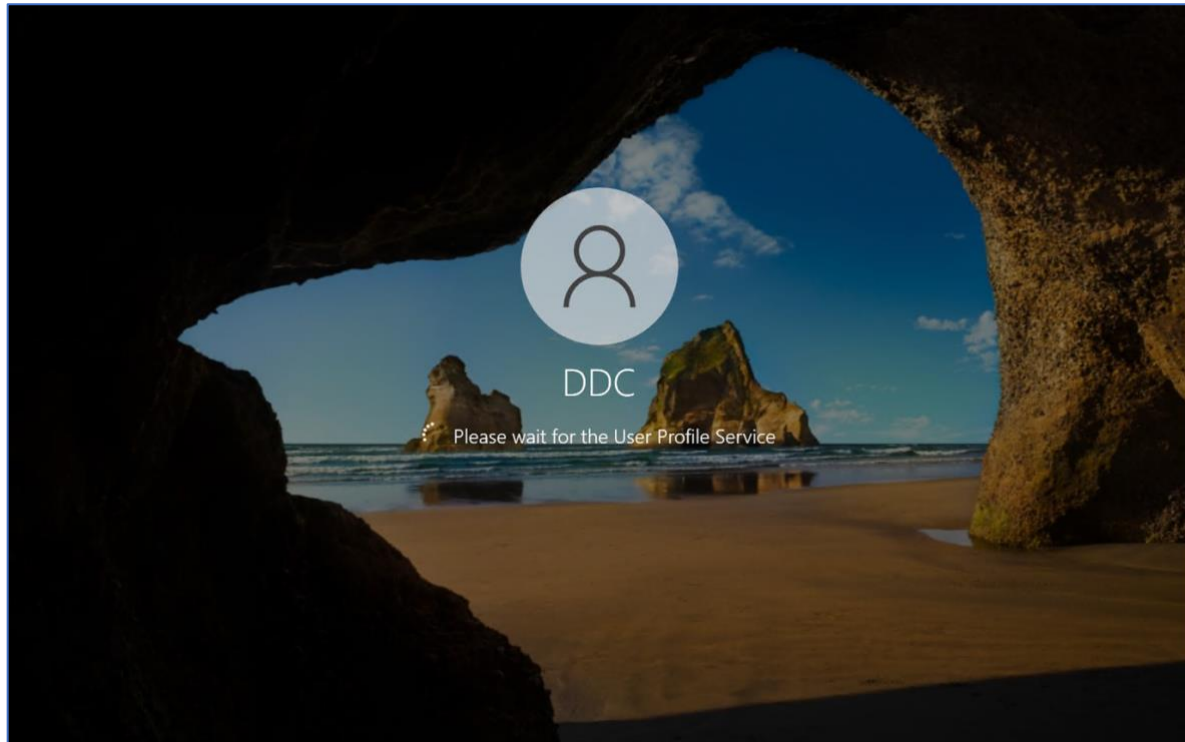
+ CreateSwitch to classicReservationsManage viewRefreshExport to CSVOpen queryAssign tagsStartRestartStopDeleteServices

Filter for any field...Subscription equals allType equals allResource group equals allLocation equals allAdd filter

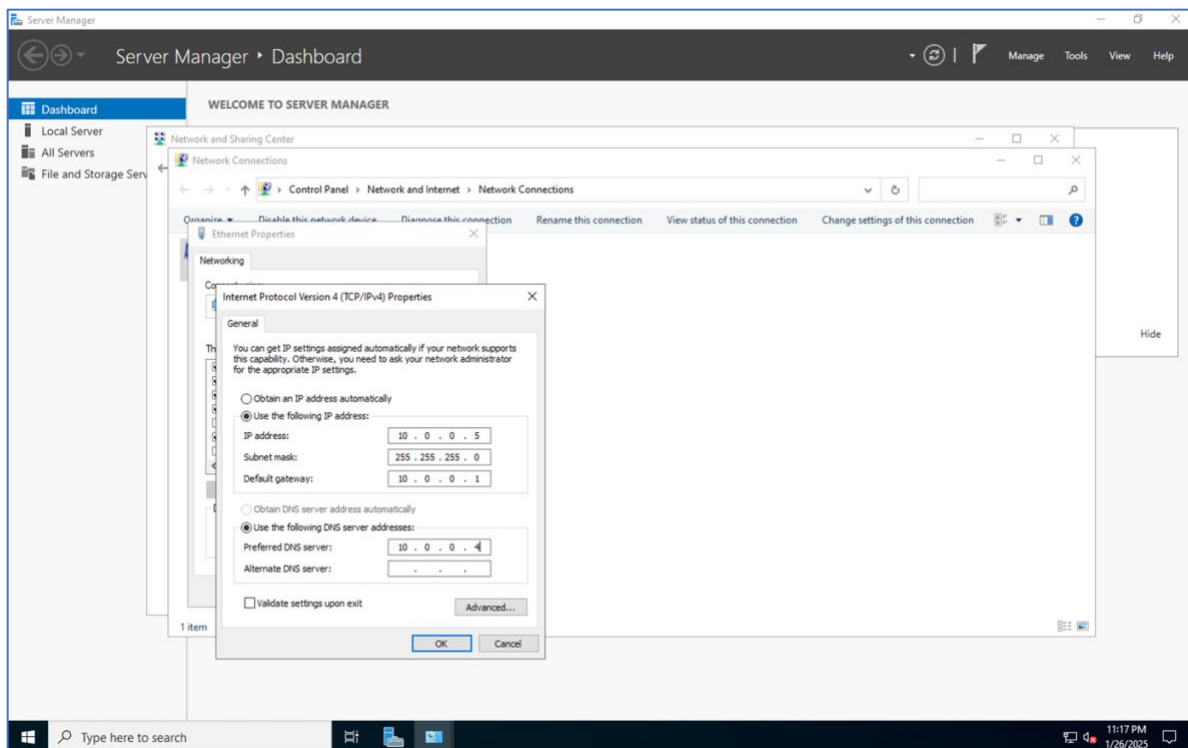
Showing 1 to 2 of 2 records.

Name	Subscription	Resource group	Location	Status	Operating system	Size	Public IP address	Disks
DC	Azure subscription 1	My-Workspace	Canada Central	Running	Windows	Standard_B2s	20.116.217.133	1
DDC	Azure subscription 1	My-Workspace	Canada Central	Running	Windows	Standard_B2s	20.220.171.5	1

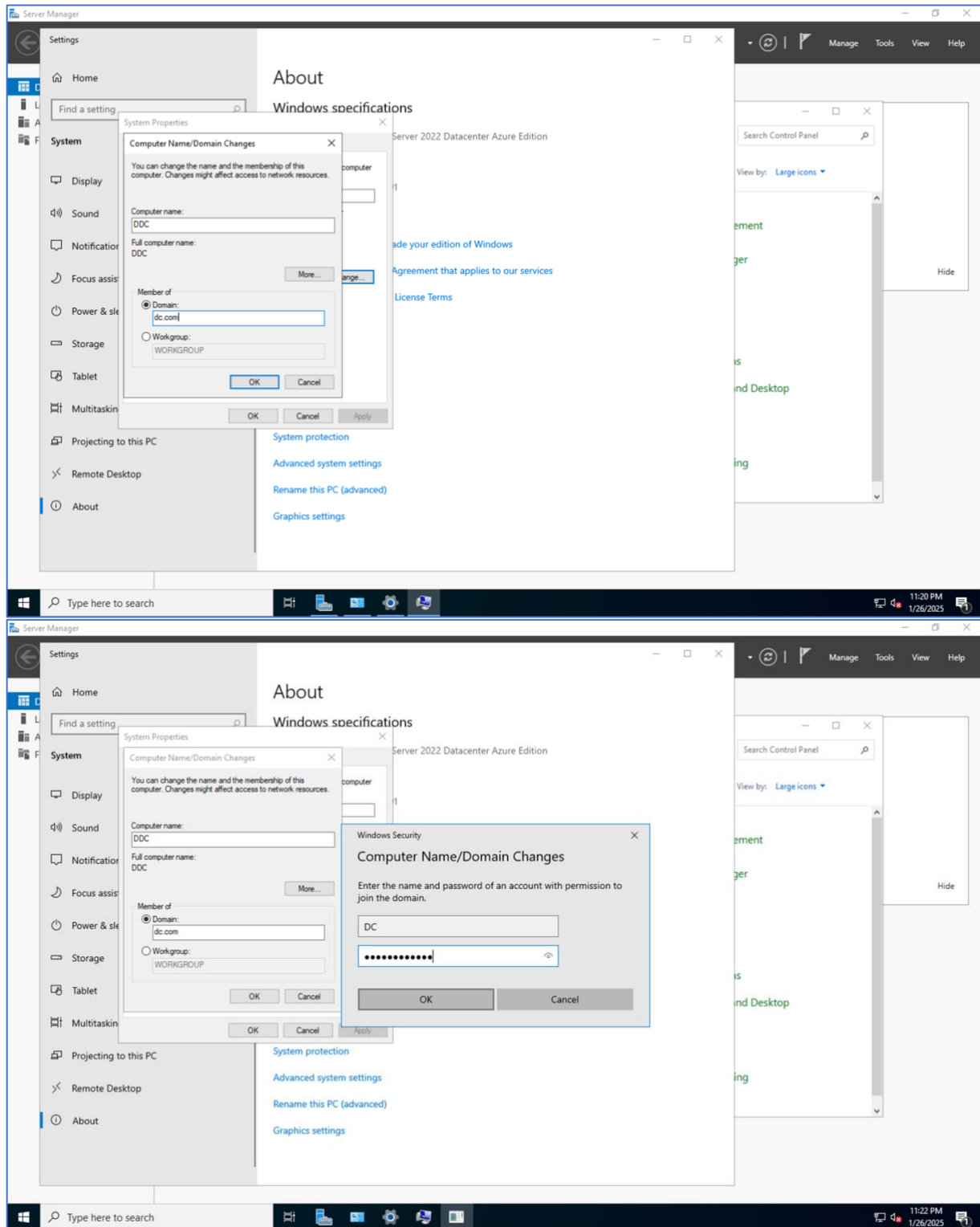
RDP Connection to DDC VM

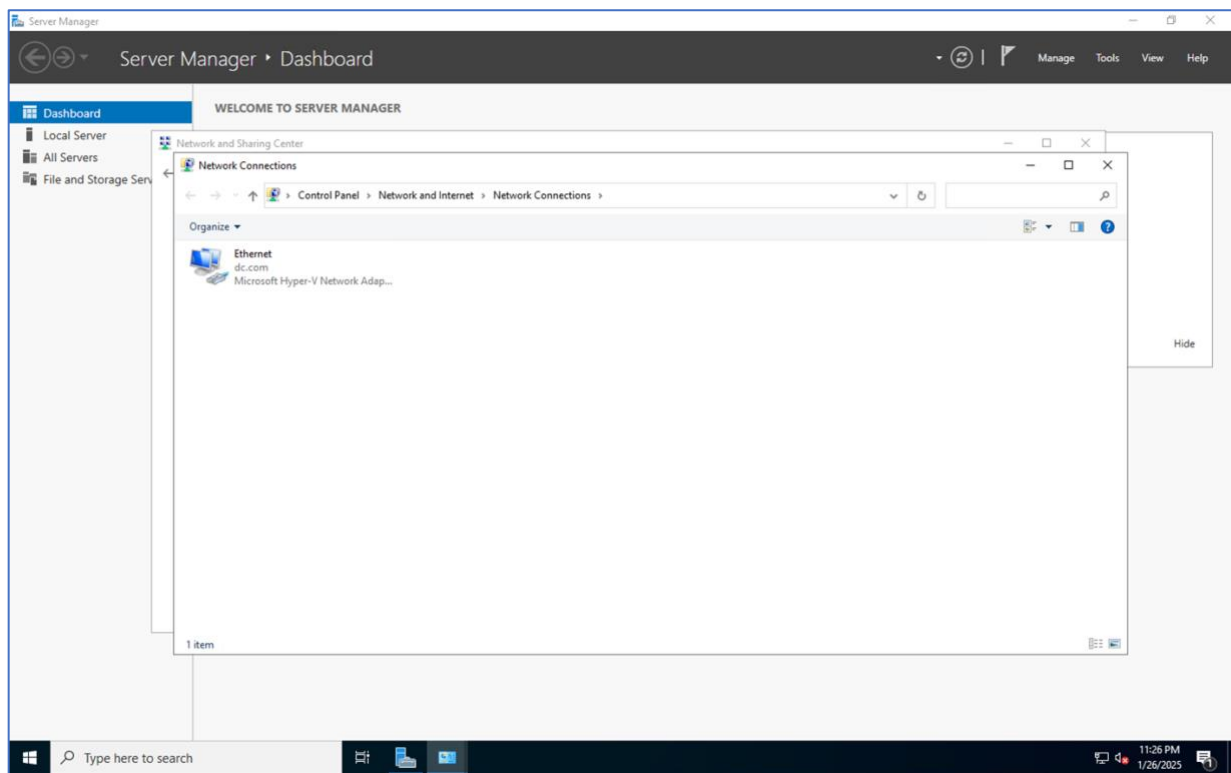
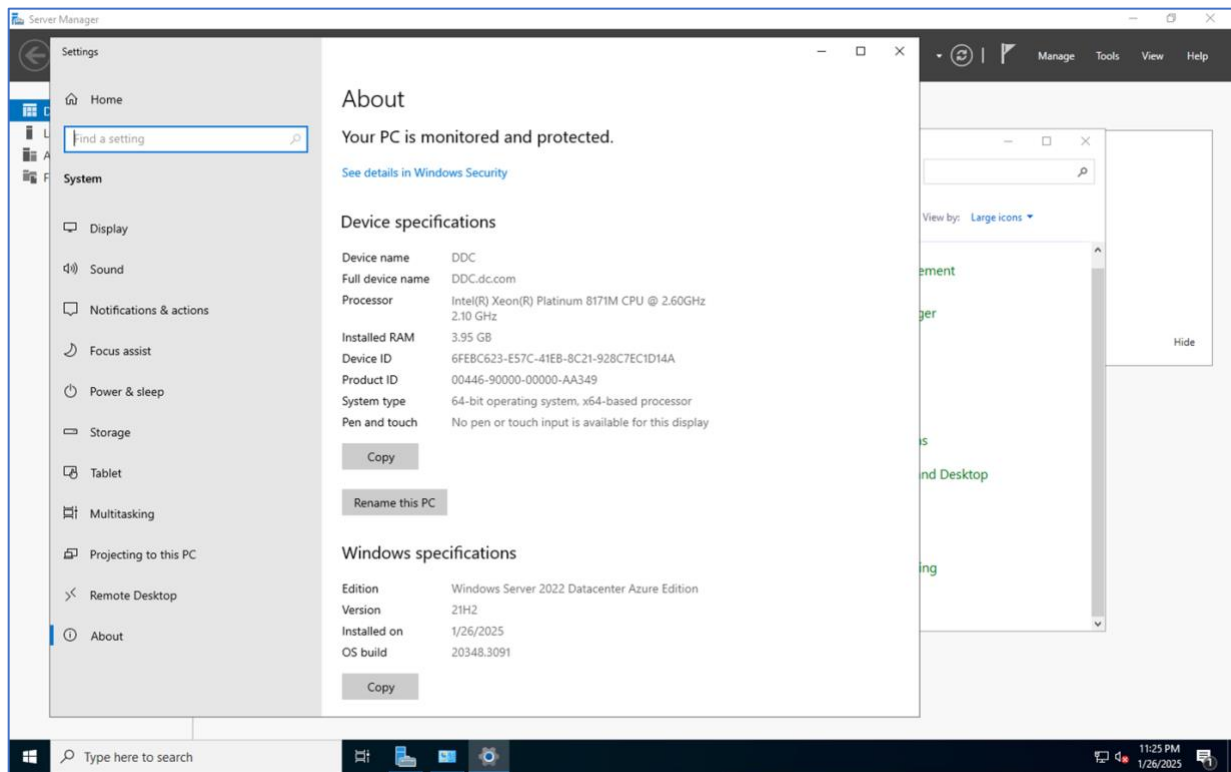


Disabled IPV6 and assigned static IP and set DNS to point towards DC's private IP

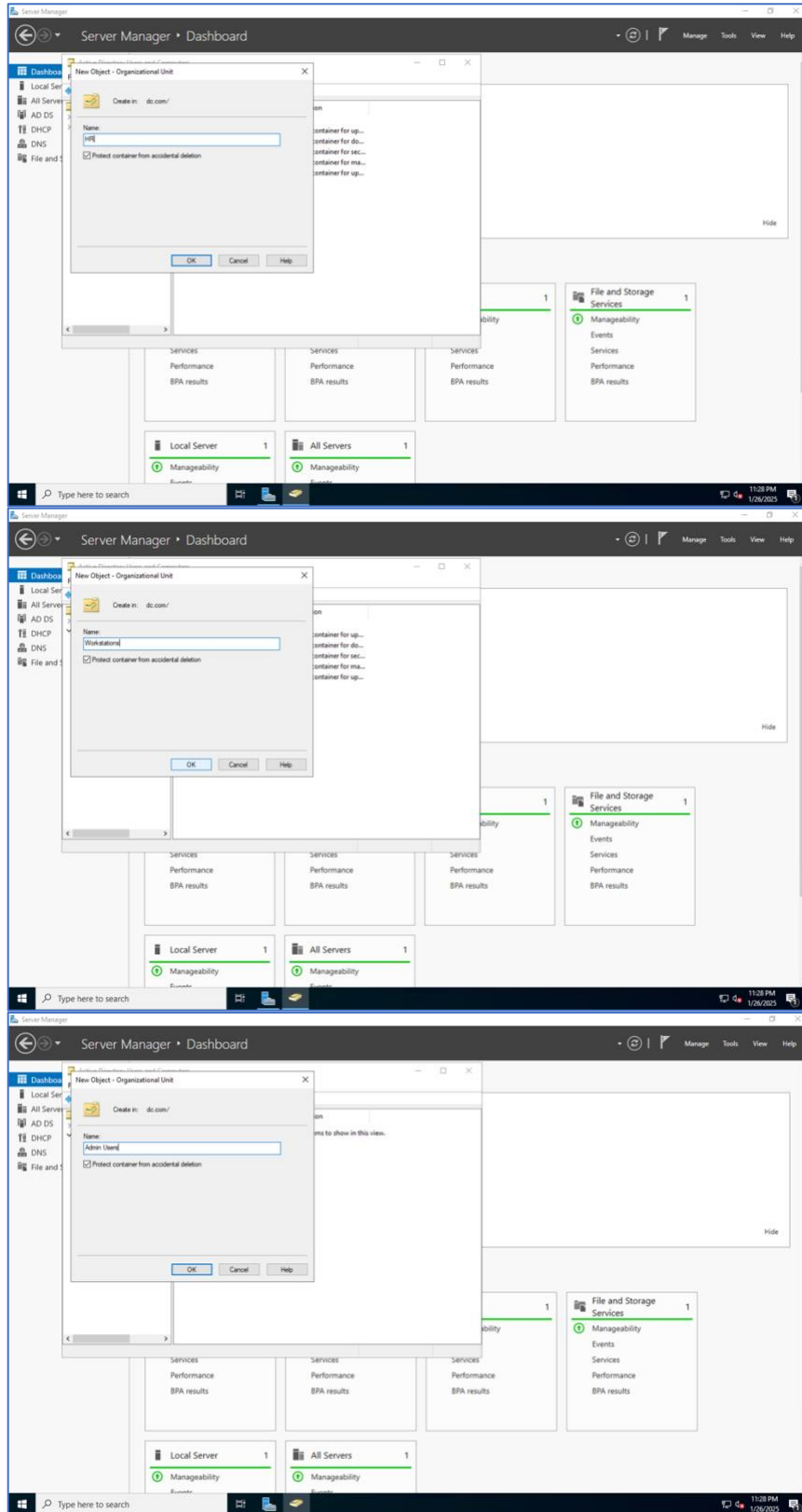


DDC VM joining to “Dc.com” domain using DC’s credentials

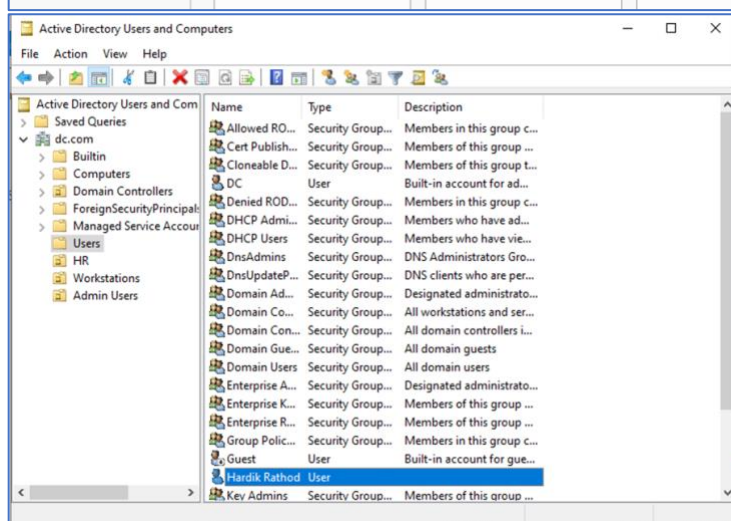
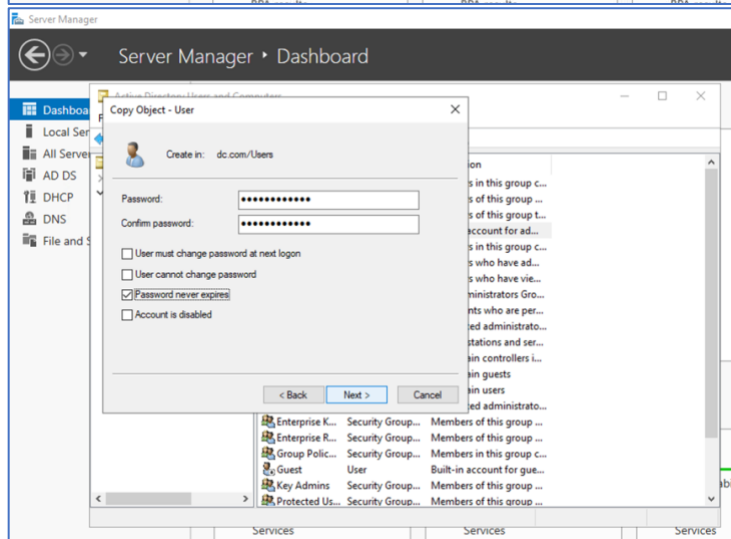
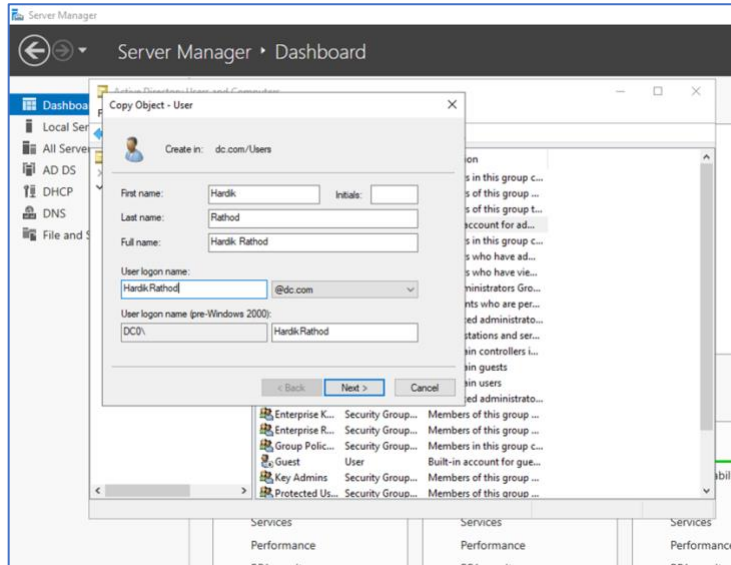


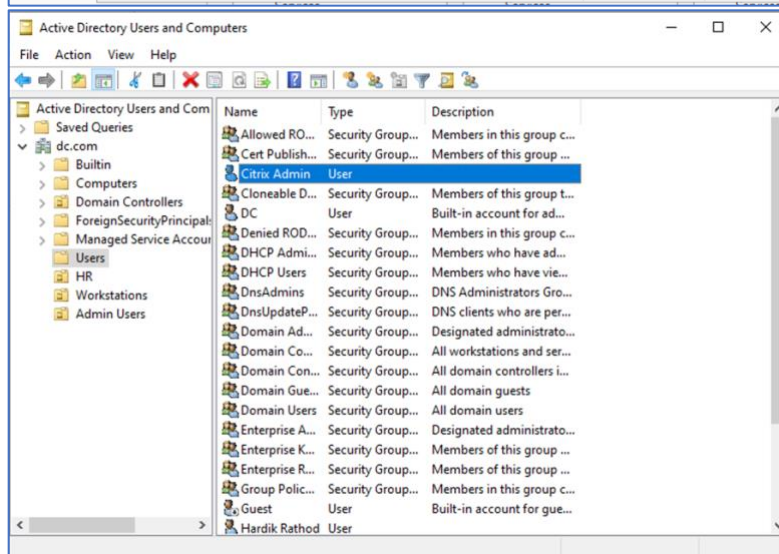
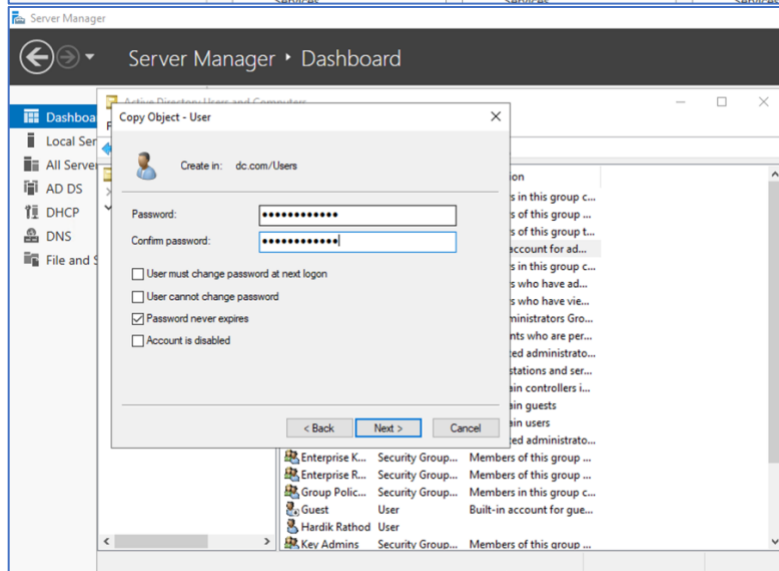
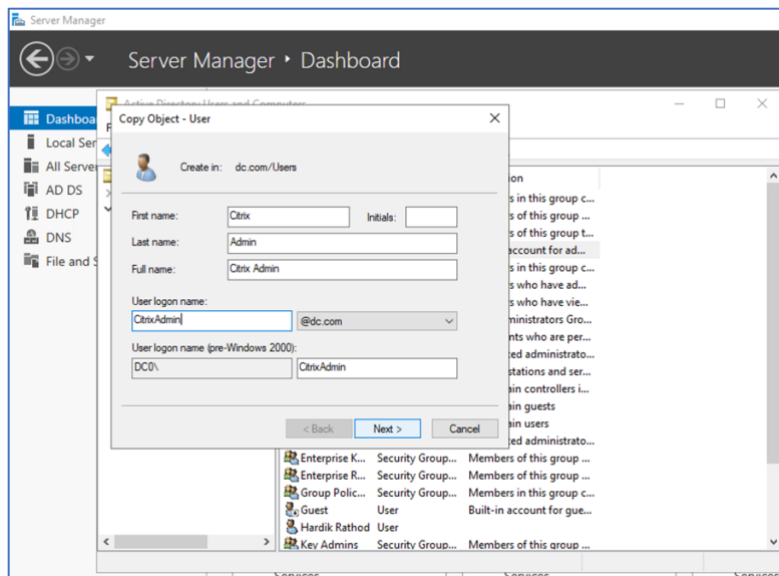


Creation of Organizational Units

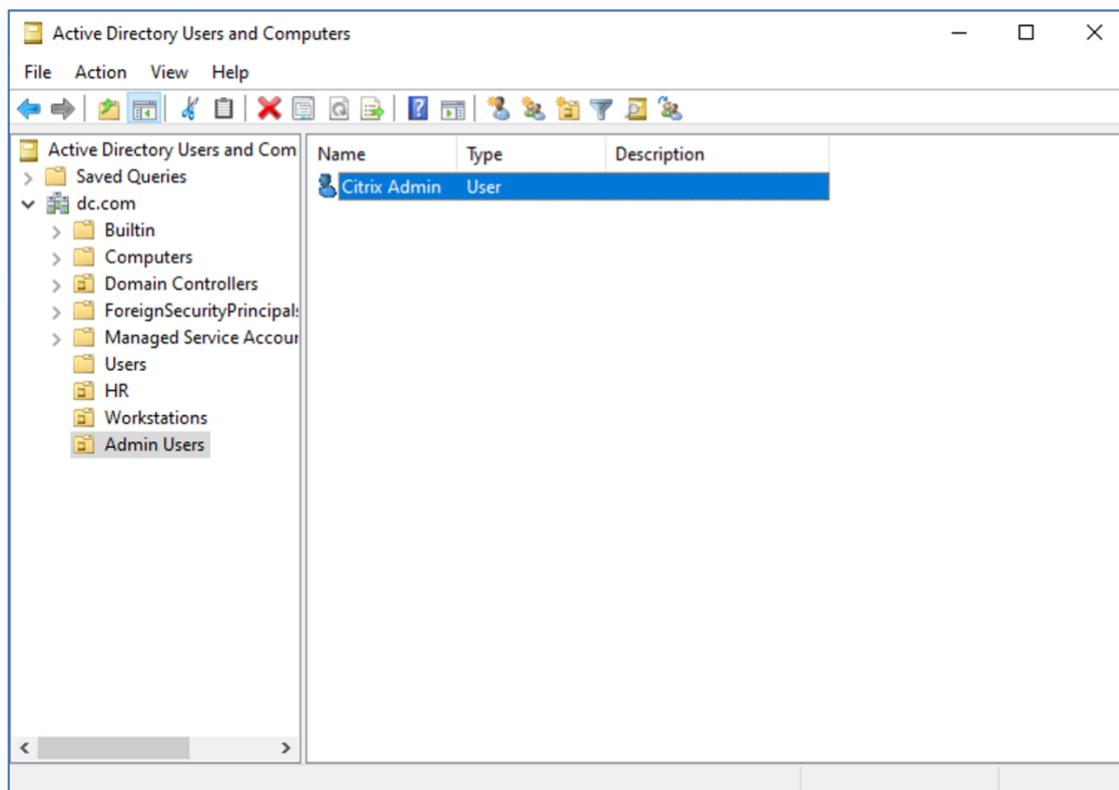
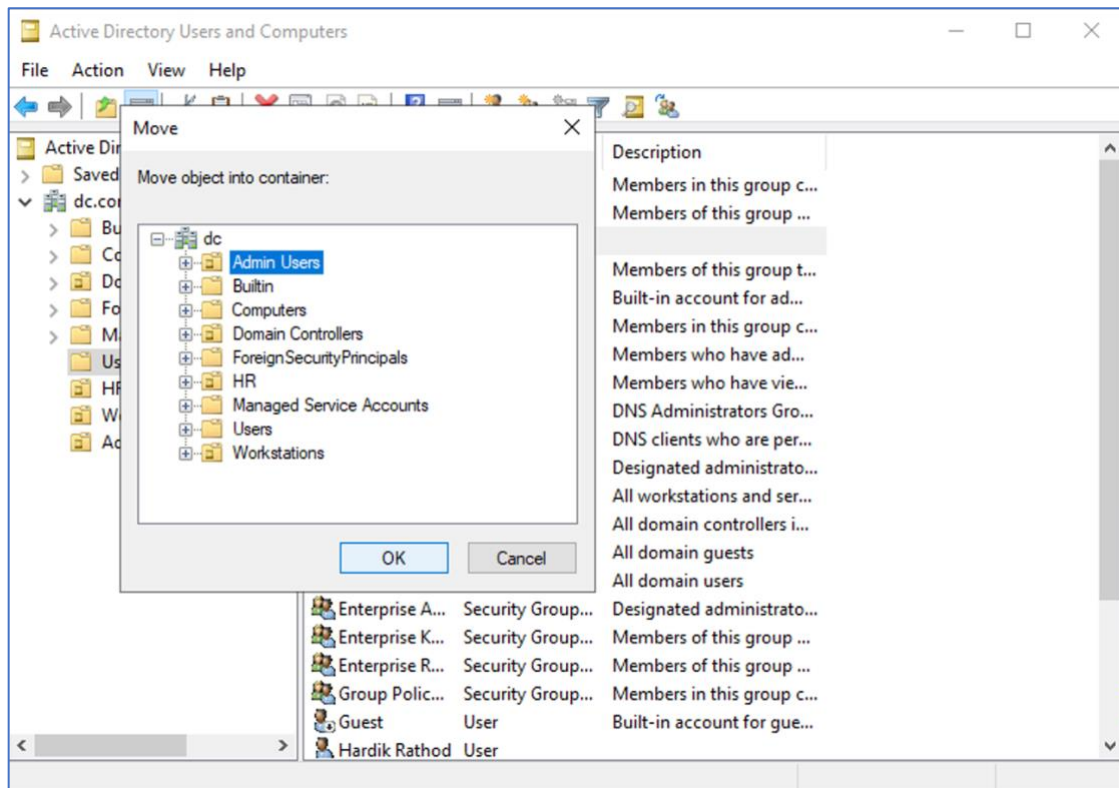


Creation of Users

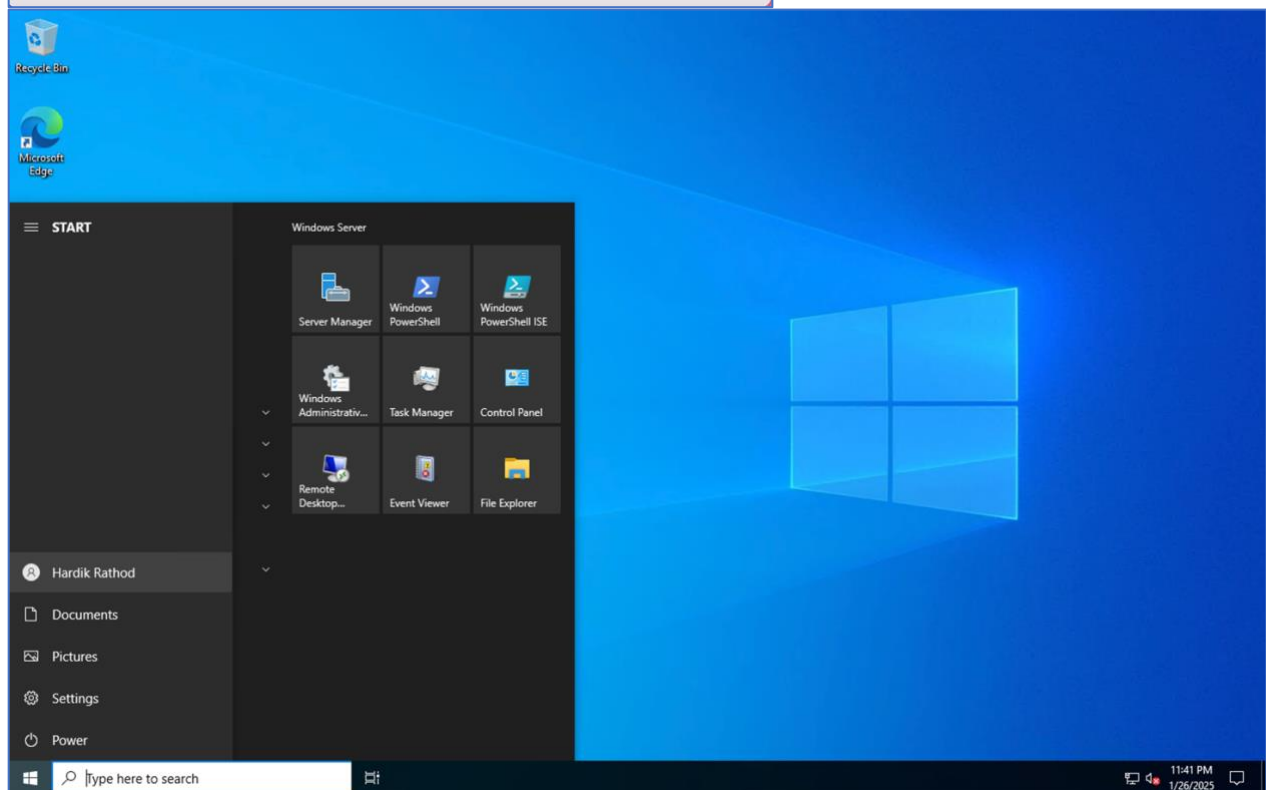
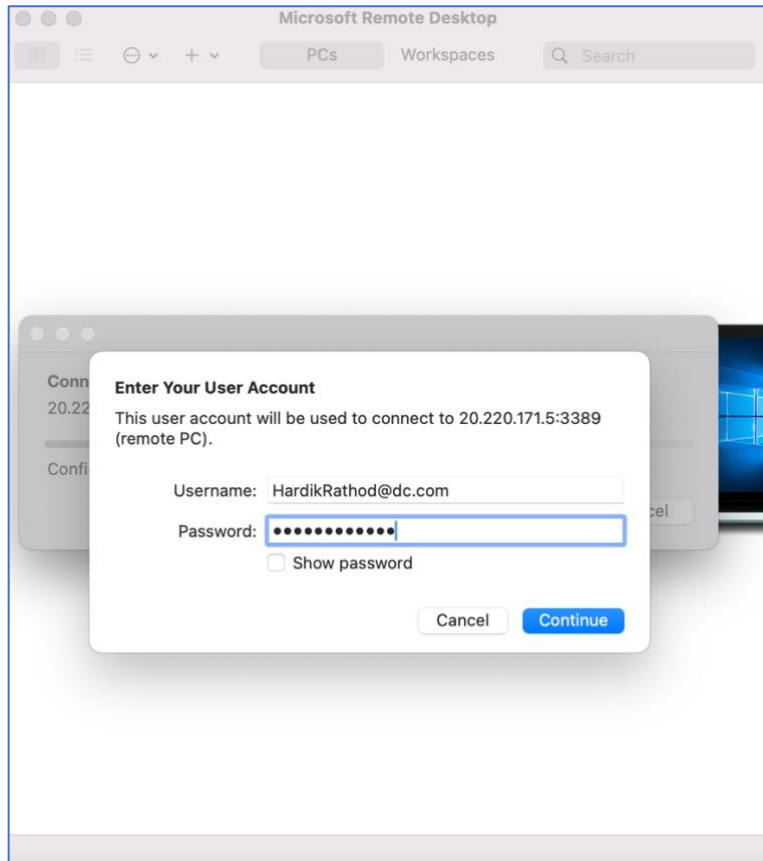


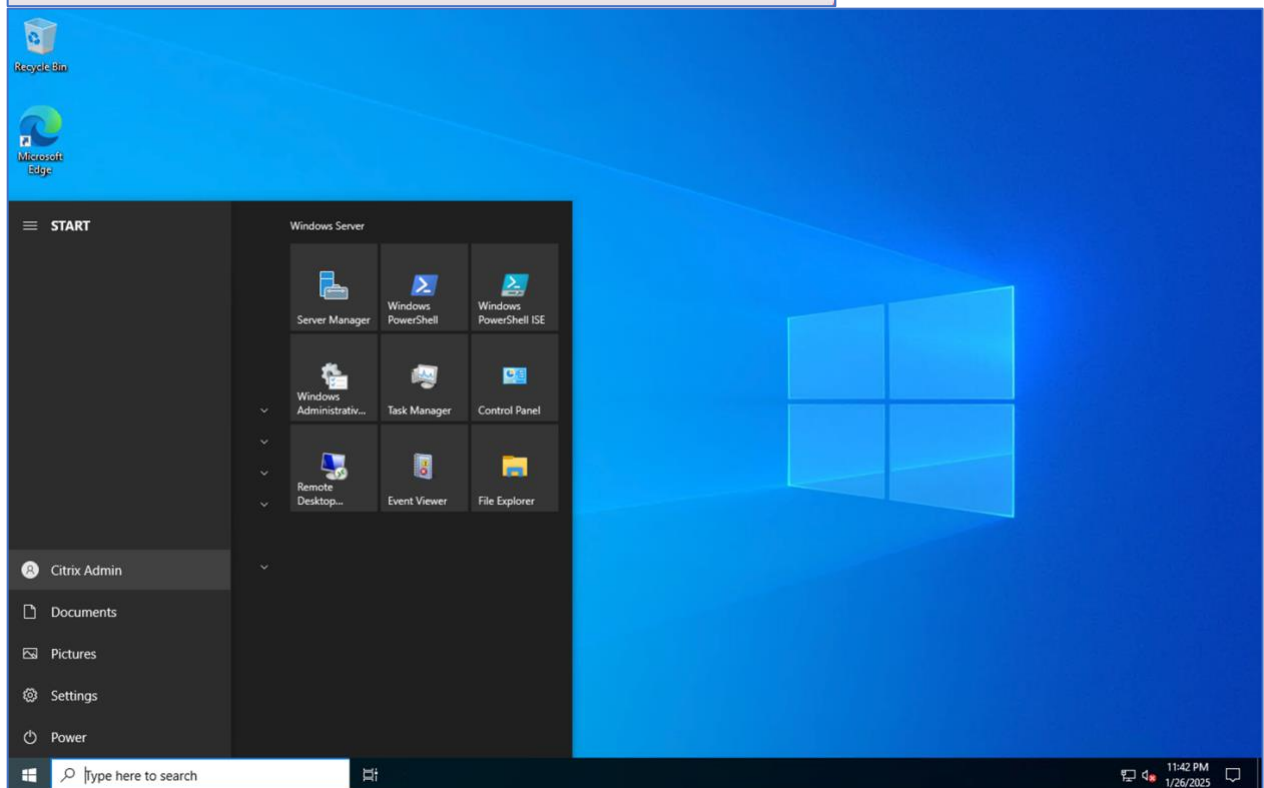
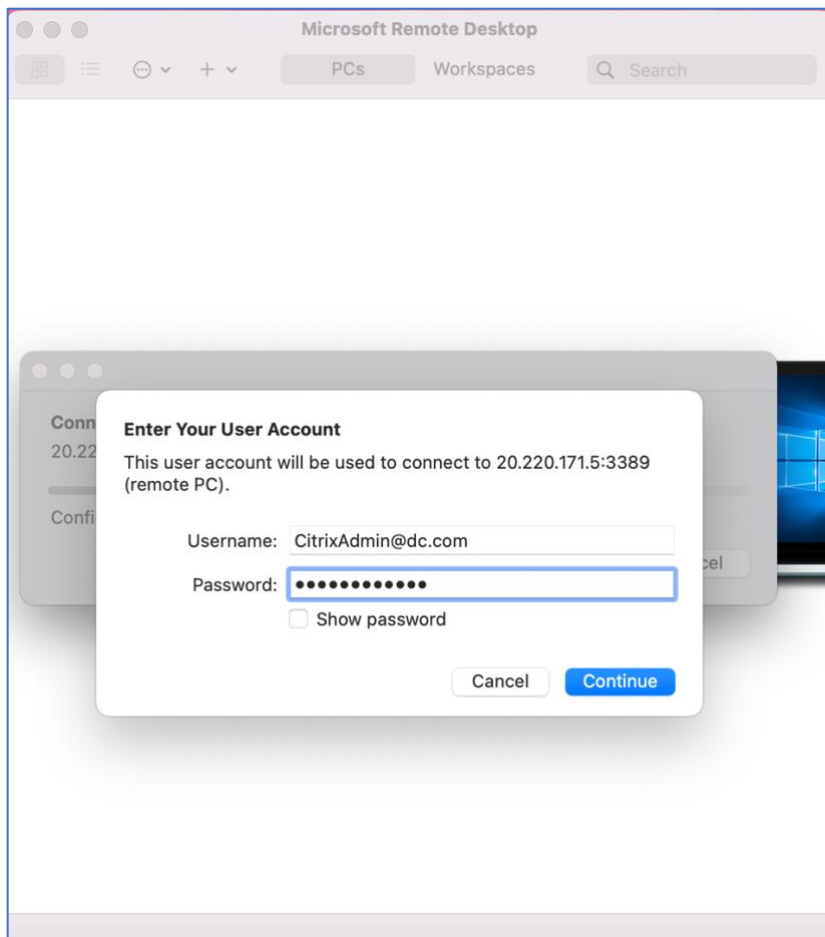


Moved User (Citrix Admin) to “Admin Users” Organizational Unit.



Tested Users by logging into using DDC VM





Tested DNS by pinging Dc.com from DDC VM

