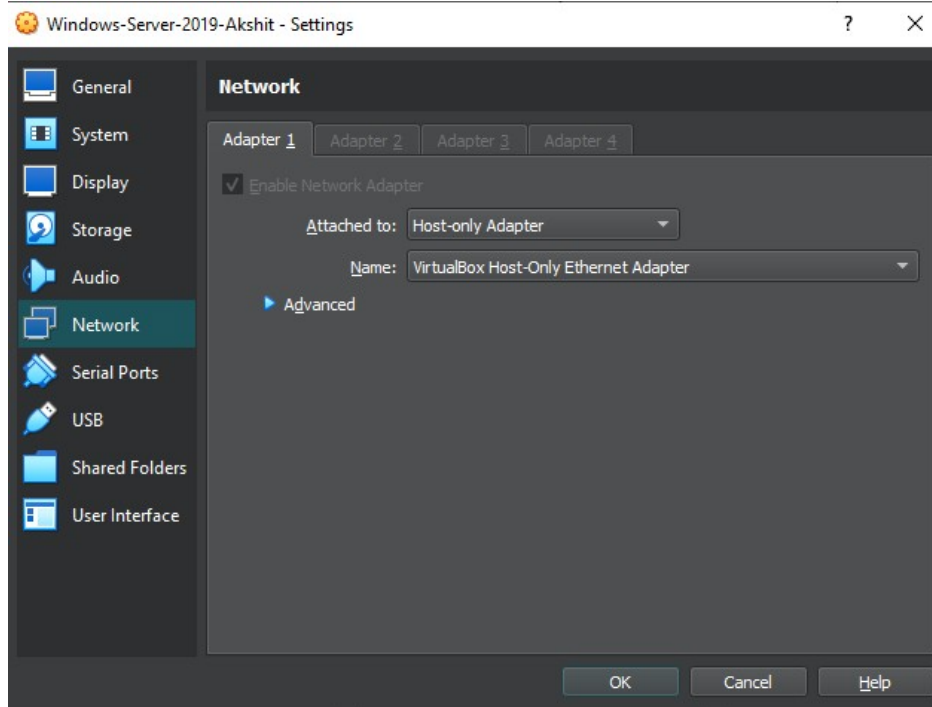


**Assignments:-16**  
**Module:- COSA(Active Directory Domain Control)**  
**Name:- Adit Gupta**

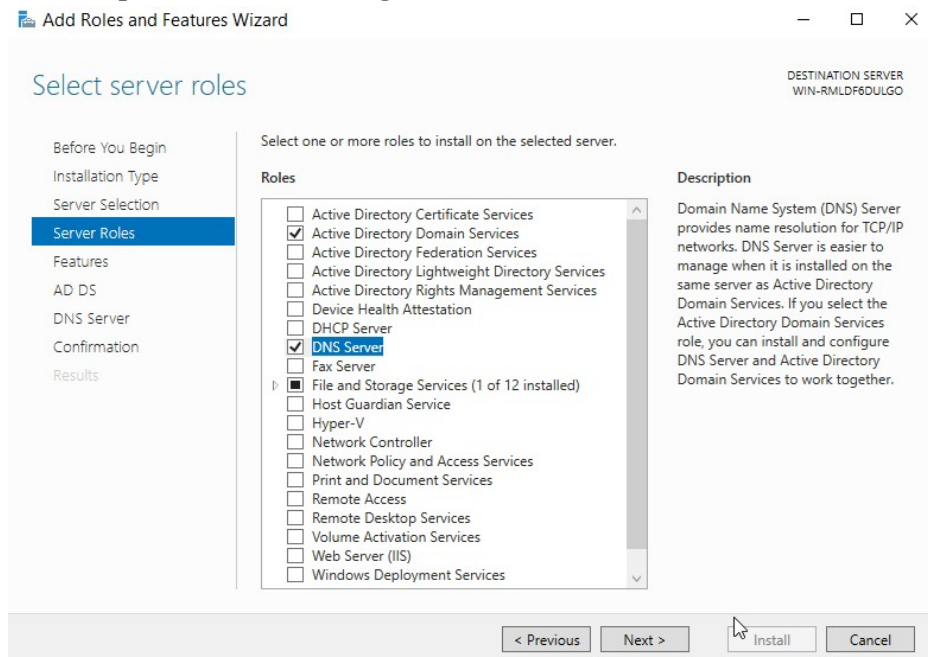
**Lab Assignment :-**

**Installation and configuration of DNS server**

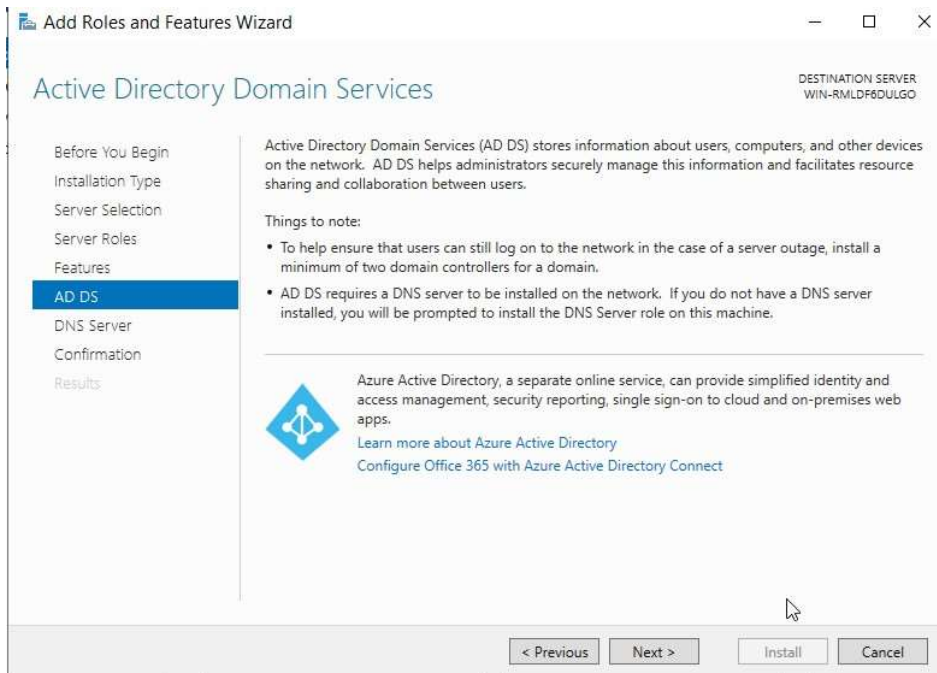
**1. Change the network mode**



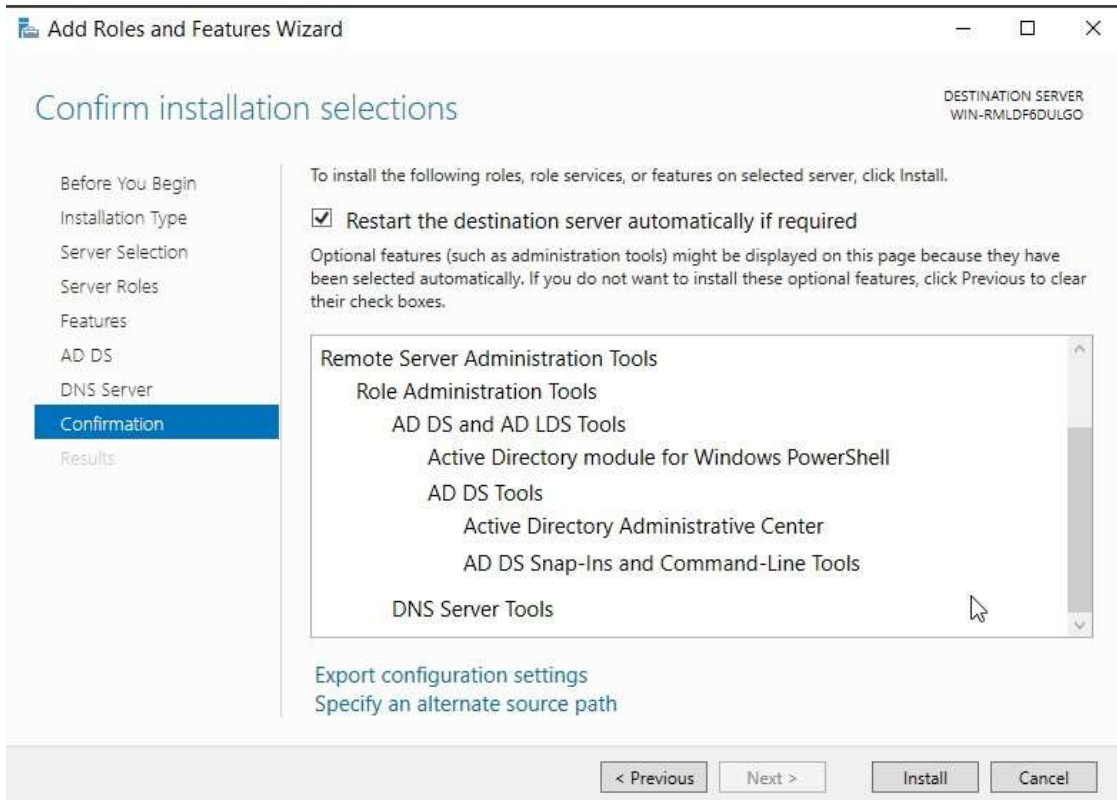
**2. Open the server manager and select the AD DS and DNS server**



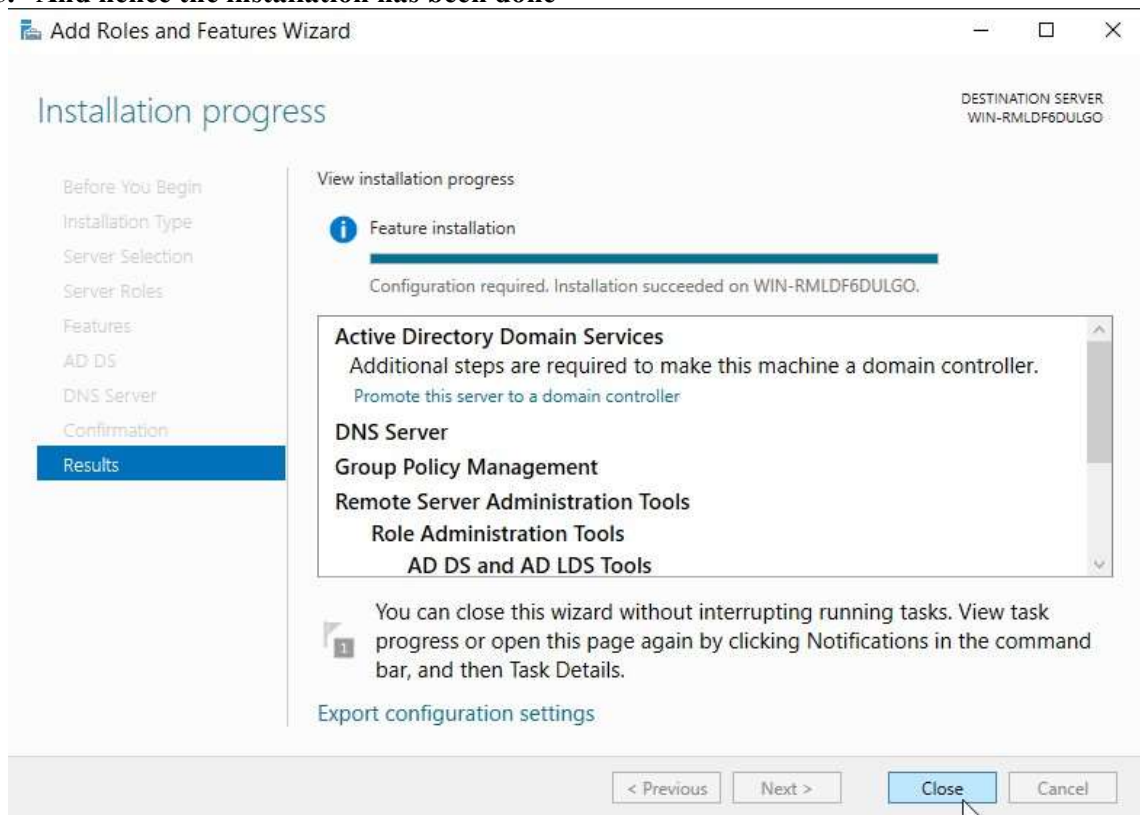
### 3. AD DS



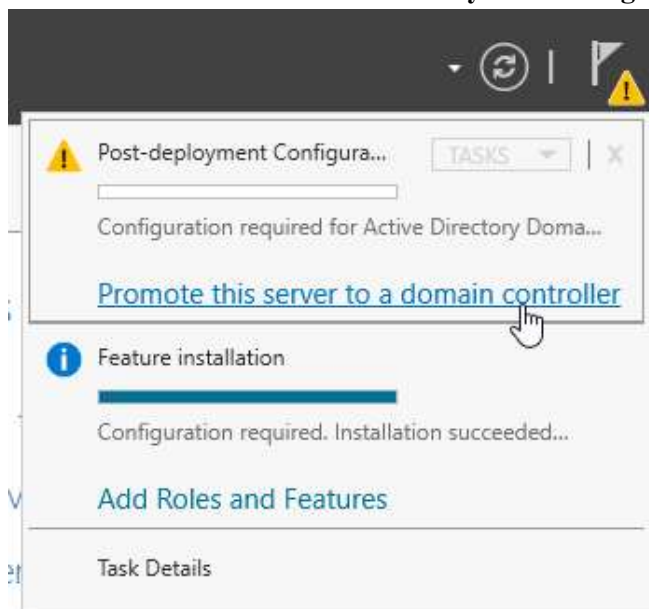
### 4. Confirm the installaiton



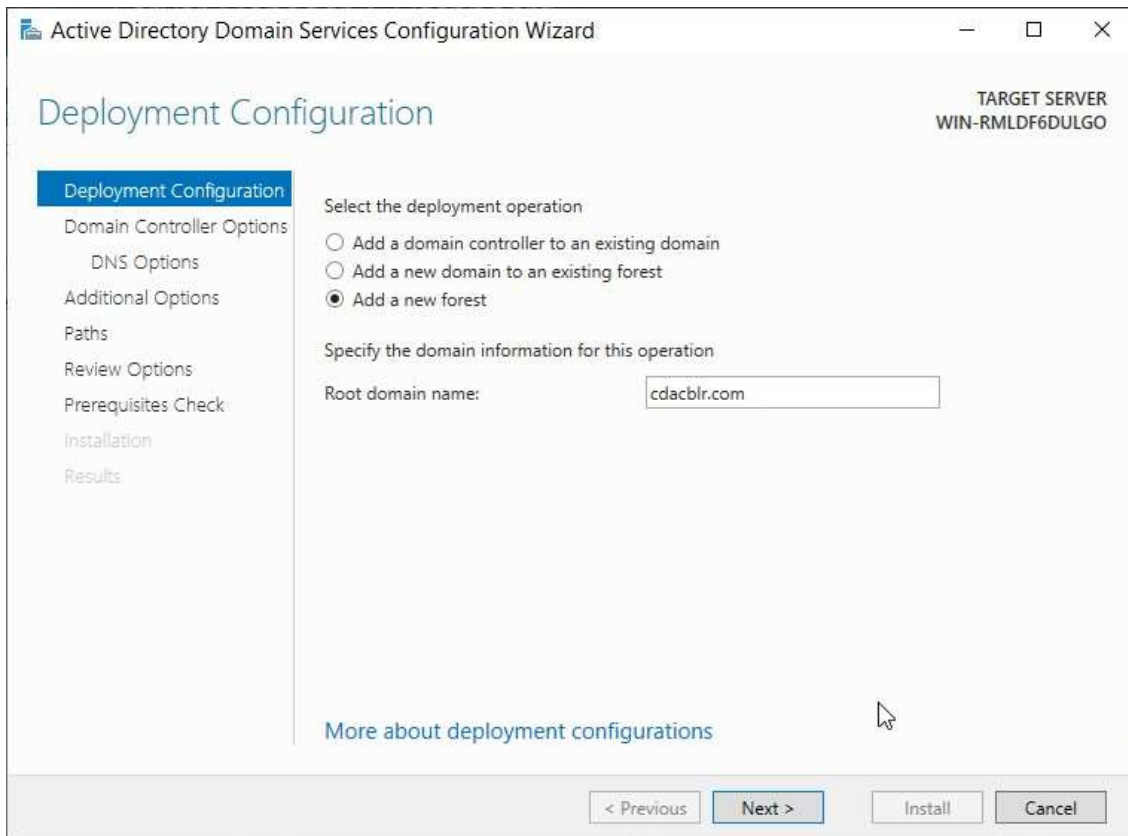
## 5. And hence the installation has been done



## 6. Check the notification in the system manager



## 7. Give the root domain



Active Directory Domain Services Configuration Wizard

TARGET SERVER  
WIN-RMLDF6DULGO

### Deployment Configuration

**Deployment Configuration**

- Domain Controller Options
- DNS Options
- Additional Options
- Paths
- Review Options
- Prerequisites Check
- Installation
- Results

Select the deployment operation

- ☐ Add a domain controller to an existing domain
- ☐ Add a new domain to an existing forest
- ☒ Add a new forest

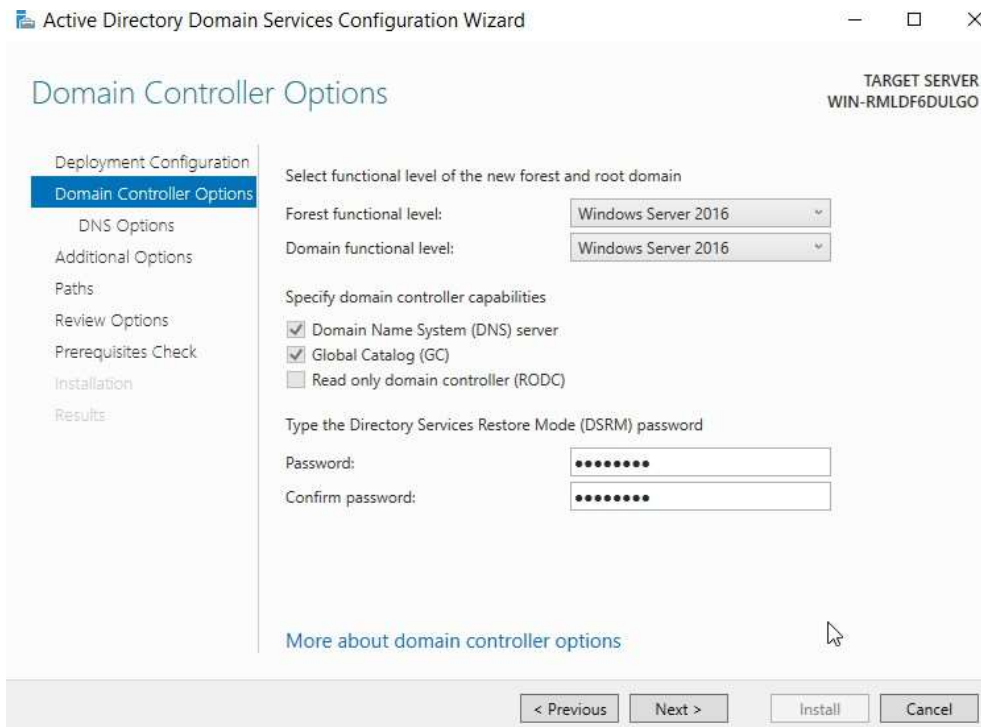
Specify the domain information for this operation

Root domain name:

[More about deployment configurations](#)

< Previous   Next >   Install   Cancel

## 8. Give the password



Active Directory Domain Services Configuration Wizard

TARGET SERVER  
WIN-RMLDF6DULGO

### Domain Controller Options

**Deployment Configuration**

- Domain Controller Options**
- DNS Options
- Additional Options
- Paths
- Review Options
- Prerequisites Check
- Installation
- Results

Select functional level of the new forest and root domain

Forest functional level:

Domain functional level:

Specify domain controller capabilities

- ☒ Domain Name System (DNS) server
- ☒ Global Catalog (GC)
- ☐ Read only domain controller (RODC)

Type the Directory Services Restore Mode (DSRM) password

Password:

Confirm password:

[More about domain controller options](#)

< Previous   Next >   Install   Cancel

## 9. Give the domain name

The screenshot shows the 'Additional Options' step of the 'Active Directory Domain Services Configuration Wizard'. The window title is 'Active Directory Domain Services Configuration Wizard'. In the top right corner, it says 'TARGET SERVER WIN-RMLDF6DULGO'. On the left, a list of steps includes 'Deployment Configuration', 'Domain Controller Options', 'DNS Options', 'Additional Options' (which is highlighted in blue), 'Paths', 'Review Options', 'Prerequisites Check', 'Installation', and 'Results'. The main area contains the text 'Verify the NetBIOS name assigned to the domain and change it if necessary' and 'The NetBIOS domain name:'. A text box next to this label contains the value 'CDACBLR'. At the bottom, there are four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'.

Active Directory Domain Services Configuration Wizard

TARGET SERVER  
WIN-RMLDF6DULGO

Additional Options

Deployment Configuration  
Domain Controller Options  
DNS Options  
Additional Options  
Paths  
Review Options  
Prerequisites Check  
Installation  
Results

Verify the NetBIOS name assigned to the domain and change it if necessary

The NetBIOS domain name: CDACBLR

More about additional options

< Previous Next > Install Cancel

## 10. These are the paths

The screenshot shows the 'Paths' step of the 'Active Directory Domain Services Configuration Wizard'. The window title is 'Active Directory Domain Services Configuration Wizard'. In the top right corner, it says 'TARGET SERVER WIN-RMLDF6DULGO'. On the left, a list of steps includes 'Deployment Configuration', 'Domain Controller Options', 'DNS Options', 'Additional Options', 'Paths' (which is highlighted in blue), 'Review Options', 'Prerequisites Check', 'Installation', and 'Results'. The main area contains the text 'Specify the location of the AD DS database, log files, and SYSVOL'. Below this, there are three rows of labels and text boxes: 'Database folder:' with 'C:\Windows\NTDS', 'Log files folder:' with 'C:\Windows\NTDS', and 'SYSVOL folder:' with 'C:\Windows\SYSVOL'. Each text box has a small button with three dots to its right. At the bottom, there are four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'.

Active Directory Domain Services Configuration Wizard

TARGET SERVER  
WIN-RMLDF6DULGO

Paths

Deployment Configuration  
Domain Controller Options  
DNS Options  
Additional Options  
Paths  
Review Options  
Prerequisites Check  
Installation  
Results

Specify the location of the AD DS database, log files, and SYSVOL

Database folder: C:\Windows\NTDS

Log files folder: C:\Windows\NTDS

SYSVOL folder: C:\Windows\SYSVOL

More about Active Directory paths

< Previous Next > Install Cancel

## 11. Review your selection

Deployment Configuration

Domain Controller Options

DNS Options

Additional Options

Paths

Review Options

Prerequisites Check

Installation

Results

Review your selections:

Configure this server as the first Active Directory domain controller in a new forest.

The new domain name is "cdacblr.com". This is also the name of the new forest.

The NetBIOS name of the domain: CDACBLR

Forest Functional Level: Windows Server 2016

Domain Functional Level: Windows Server 2016

Additional Options:

Global catalog: Yes

DNS Server: Yes

Create DNS Delegation: No

Database folder: C:\Windows\NTDS

Log file folder: C:\Windows\NTDS

SYVOL folder: C:\Windows\SYVOL

The DNS Server service will be configured on this computer.

This computer will be configured to use this DNS server as its preferred DNS server.

The password of the new domain Administrator will be the same as the password of the local Administrator of this computer.

These settings can be exported to a Windows PowerShell script to automate additional installations

View script

[More about installation options](#)

< Previous

Next >

Install

Cancel

## 12. Check the notifications

View results

⚠

Windows Server 2019 domain controllers have a default for the security setting named "Allow cryptography algorithms compatible with Windows NT 4.0" that prevents weaker cryptography algorithms when establishing security channel sessions.

⚠

For more information about this setting, see Knowledge Base article 942564 (<http://go.microsoft.com/fwlink/?LinkId=104751>).

⚠

A delegation for this DNS server cannot be created because the authoritative parent zone cannot be found or it does not run Windows DNS server. If you are integrating with an existing DNS infrastructure, you should manually create a delegation to this DNS server in the parent zone to ensure reliable name resolution from outside the domain "cdacblr.com". Otherwise, no action is required.

ℹ

Prerequisites Check Completed

✔

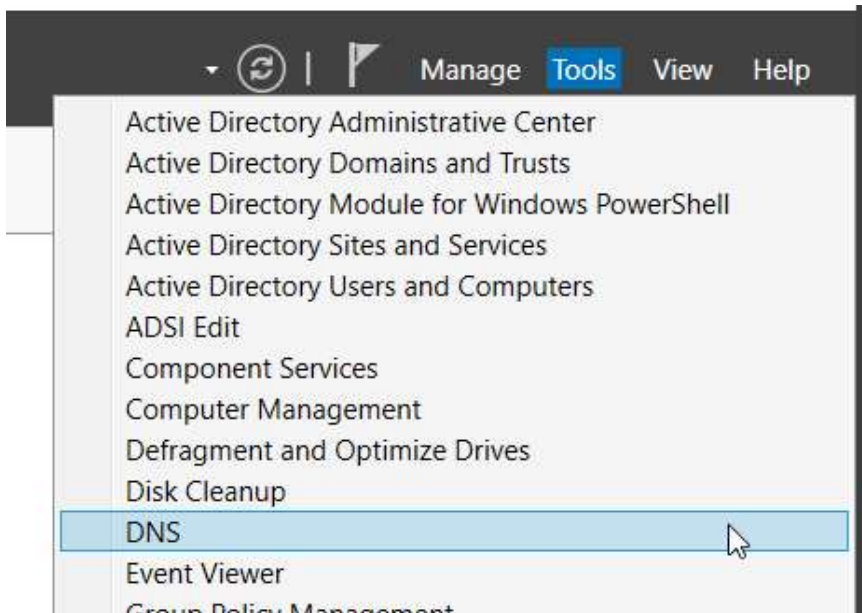
All prerequisite checks passed successfully. Click 'Install' to begin installation.



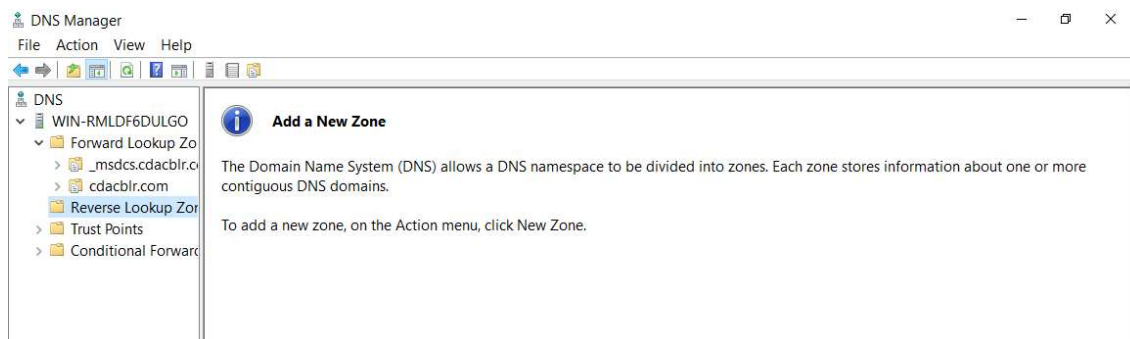
13. And hence the machine has been restarted after the installation



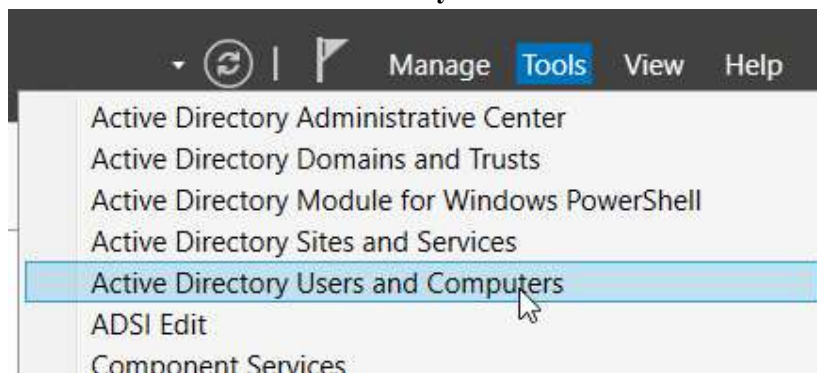
14. Select the tools and choose the DNS



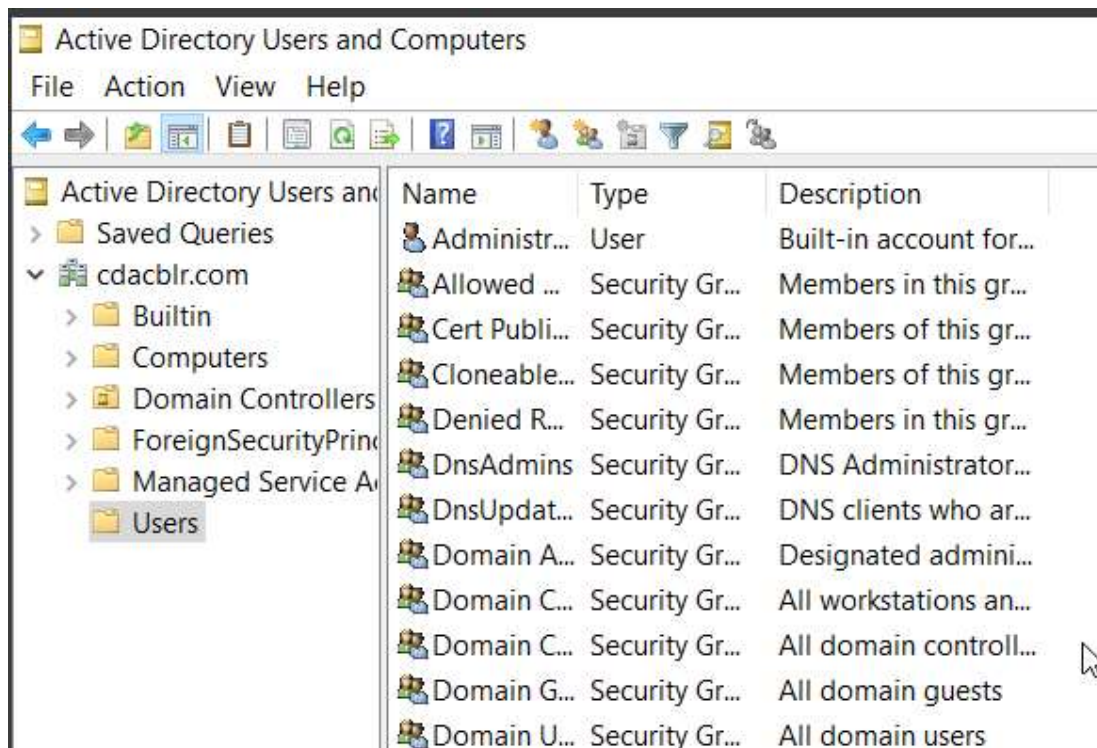
## 15. See the new zone



## 16. Choose the active directory

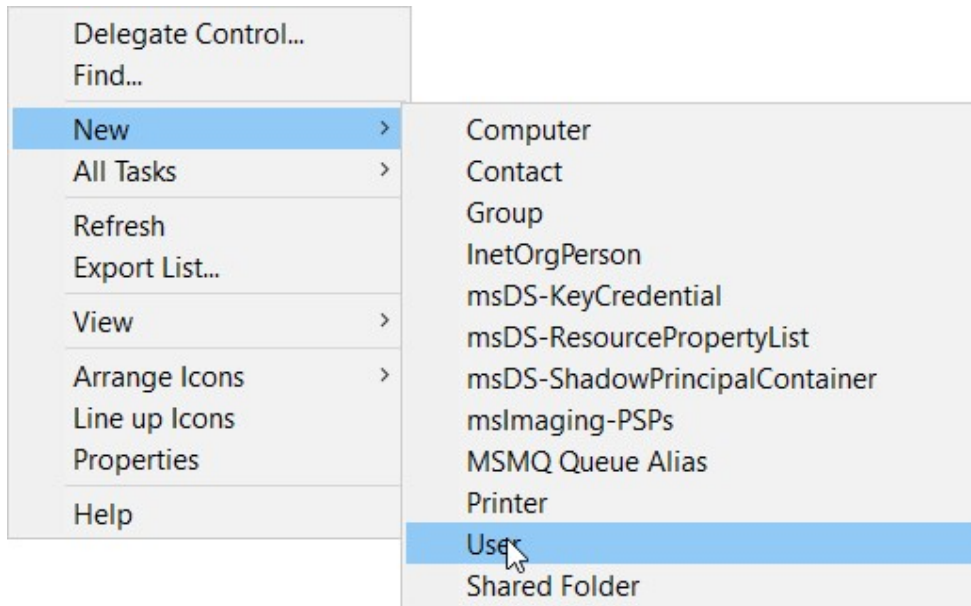


## 17. Go to the users





## 18. Add the new user into the users



## 19. Give the username

New Object - User

Create in: cdacblr.com/Users

First name: AKSHIT Initials:

Last name:

Full name: AKSHIT


User logon name: akshit @cdacblr.com

User logon name (pre-Windows 2000): CDACBLR\ akshit

< Back Next > Cancel

## 20. Set password

New Object - User ✕

 Create in: cdacblr.com/Users

---

Password:

Confirm password:

☐ User must change password at next logon

☐ User cannot change password

☒ Password never expires


☐ Account is disabled

---

< Back Next > Cancel

## 21. Check the summary and finish

New Object - User ✕

 Create in: cdacblr.com/Users

---

When you click Finish, the following object will be created:

Full name: AKSHIT

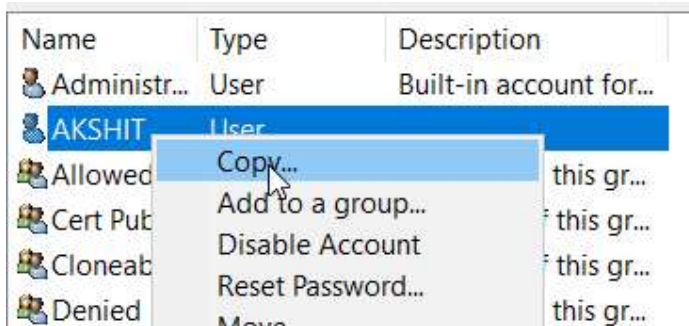
User login name: akshit@cdacblr.com

The password never expires.

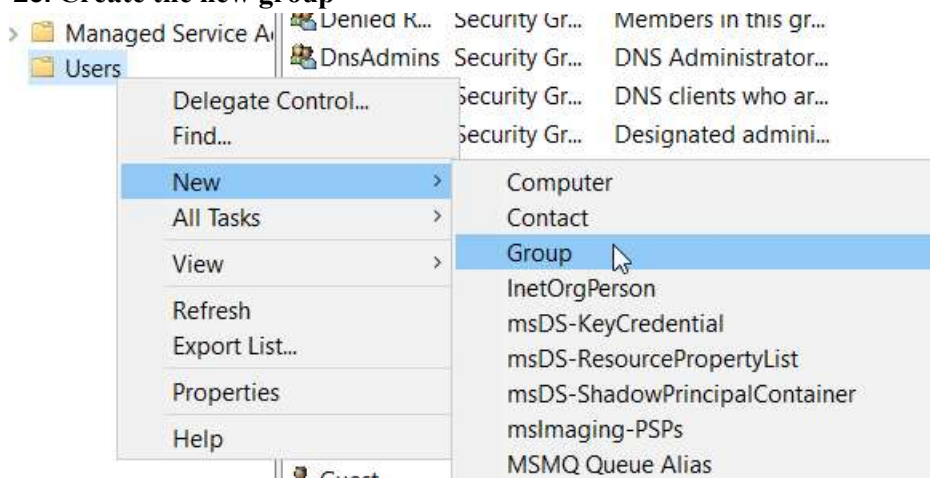
---

< Back Finish Cancel

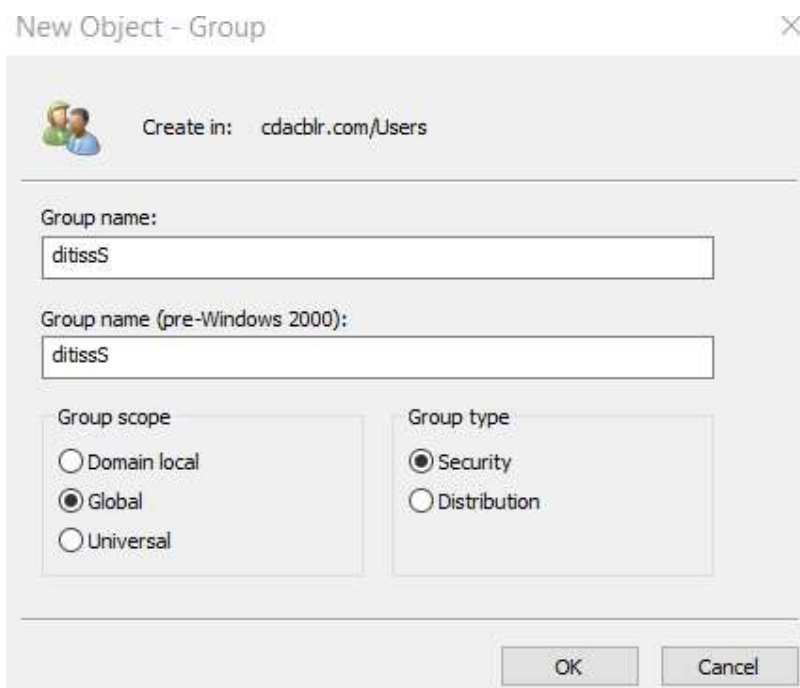
## 22. Now add the user tp to the group



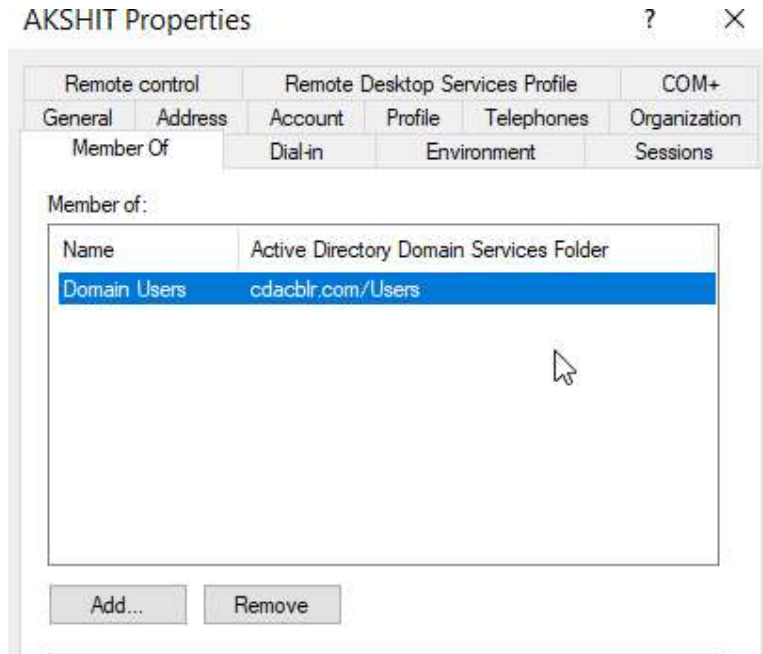
## 23. Create the new group



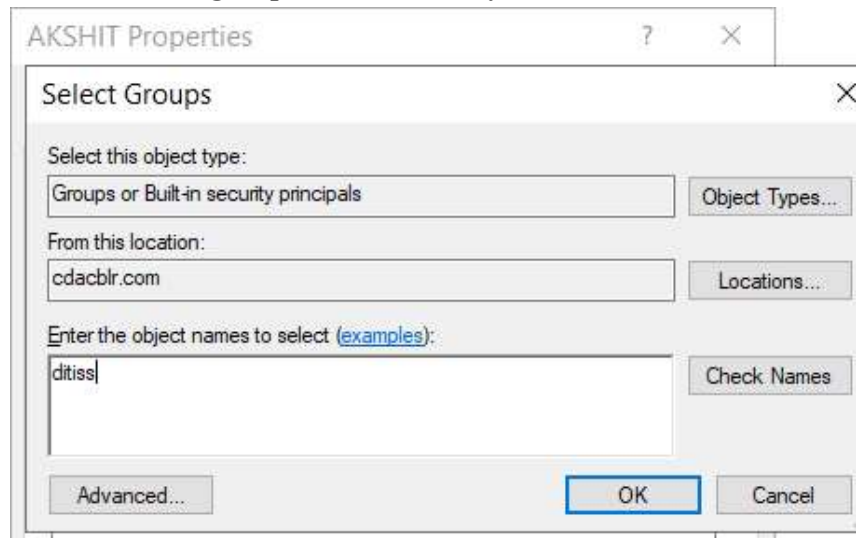
## 24. Create the new group name ditiss



**25. Now go to the properties of user akshit**



**26. Give the group name in which you want to add the user**



**27. And hence the user has been added to the group.**

AKSHIT Properties ? X

Remote control		Remote Desktop Services Profile		COM+	
General	Address	Account	Profile	Telephones	Organization
Member Of		Dial-in	Environment	Sessions	

Member of:

Name	
ditiss	cdacblr.com/Users
Domain Users	cdacblr.com/Users

Add... Remove

---

Primary group: Domain Users

Set Primary Group

There is no need to change Primary group unless you have Macintosh client or POSIX-compliant applications.

OK Cancel Apply Help