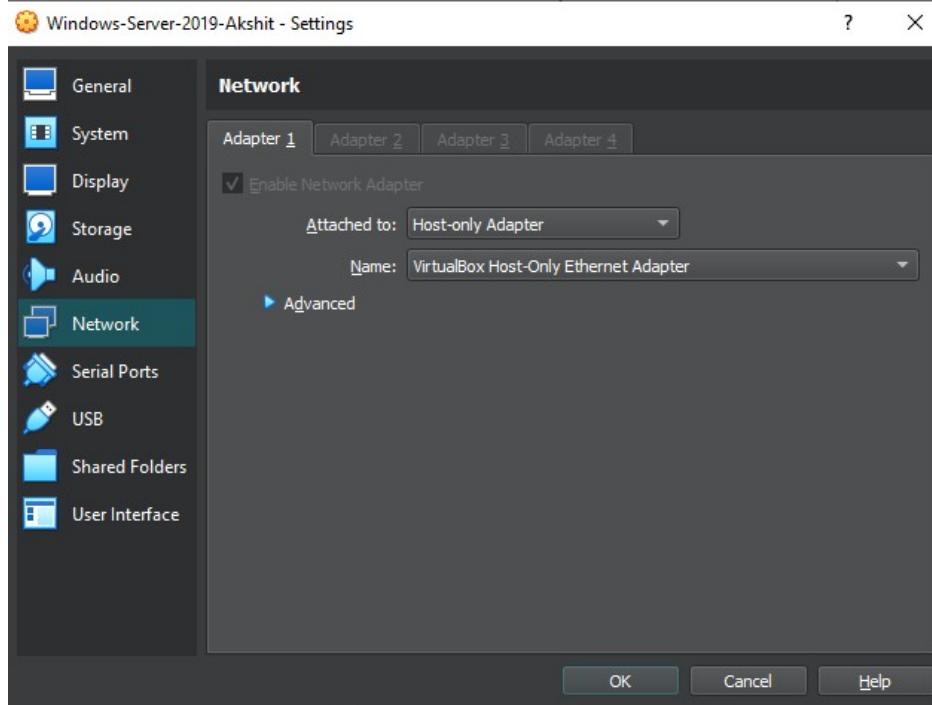


**Assignments:-16**  
**Module:- COSA(Active Directory Domain Control)**  
**Name:- Adit Gupta**

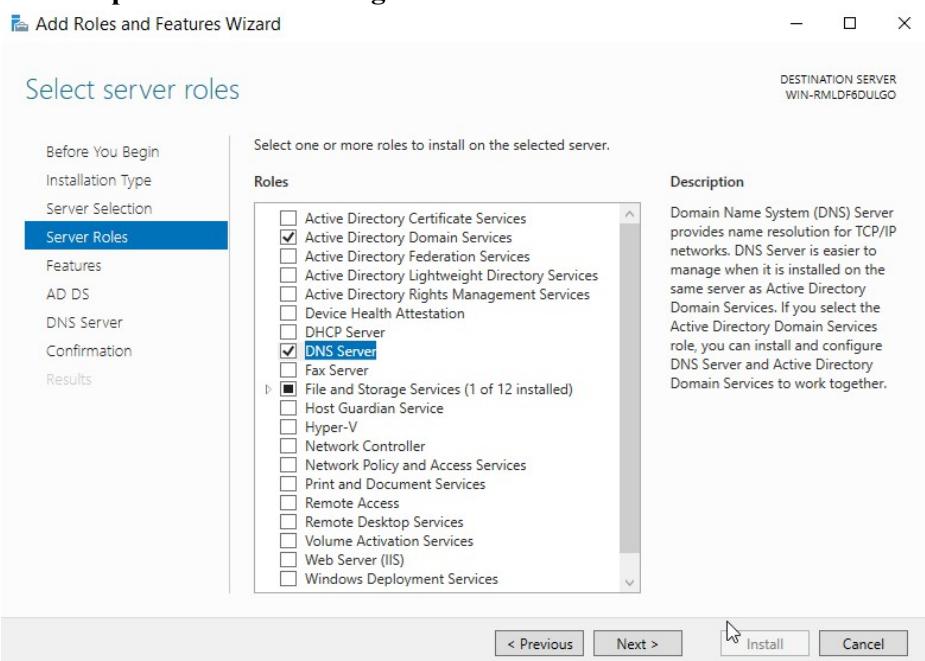
**Lab Assignment :-**

**Installation and configuration of DNS server**

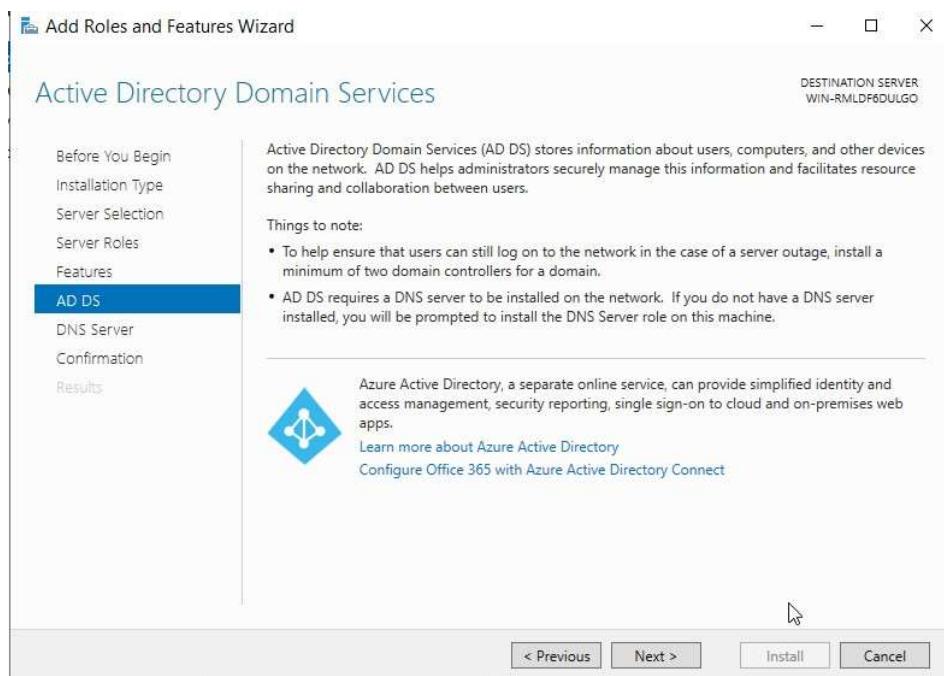
**1. Change the network mode**



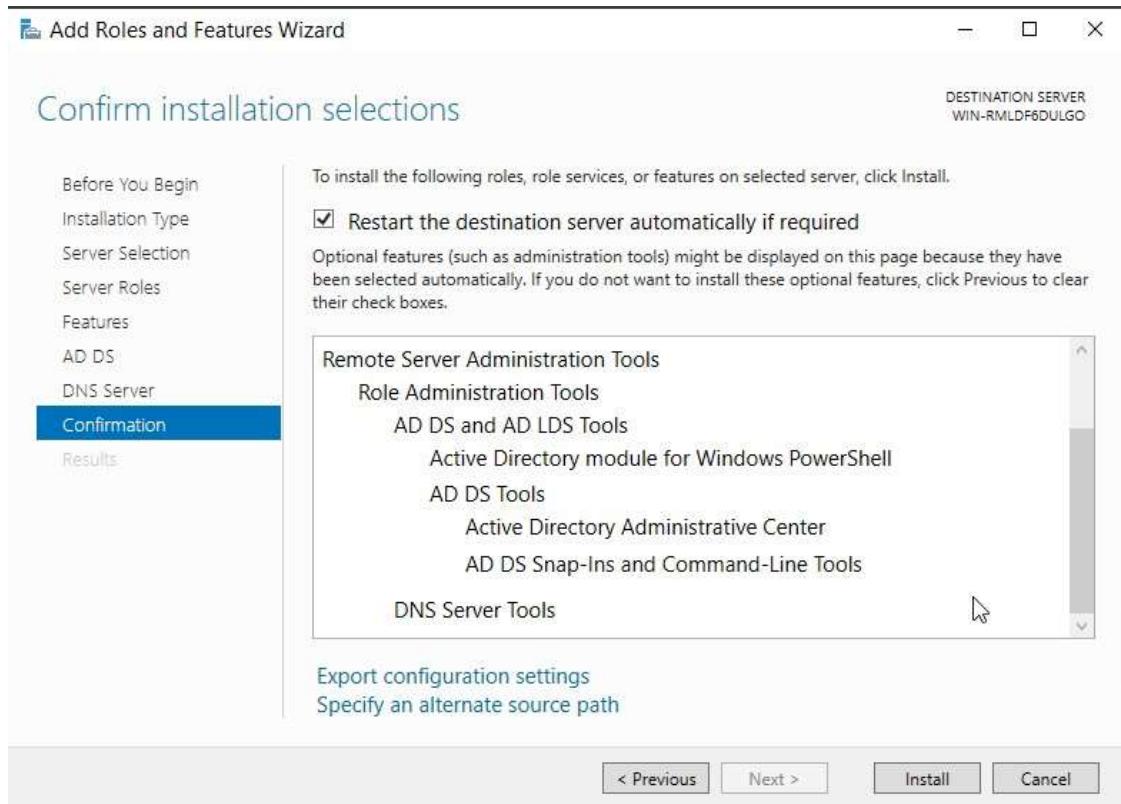
**2. Open the server manager and select the AD DS and DNS server**



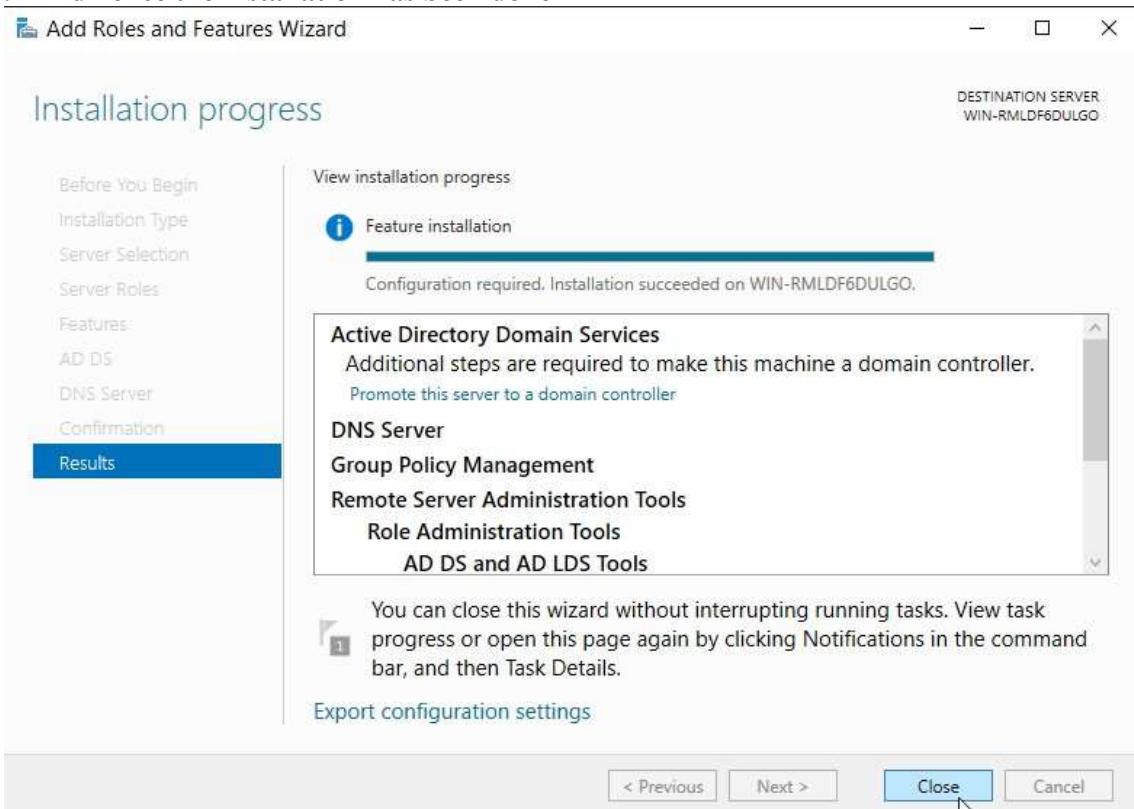
### 3. AD DS



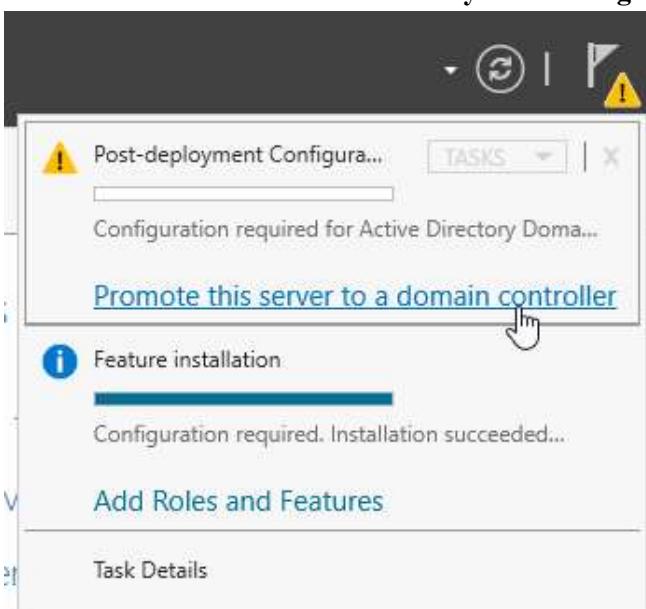
### 4. Confirm the installation



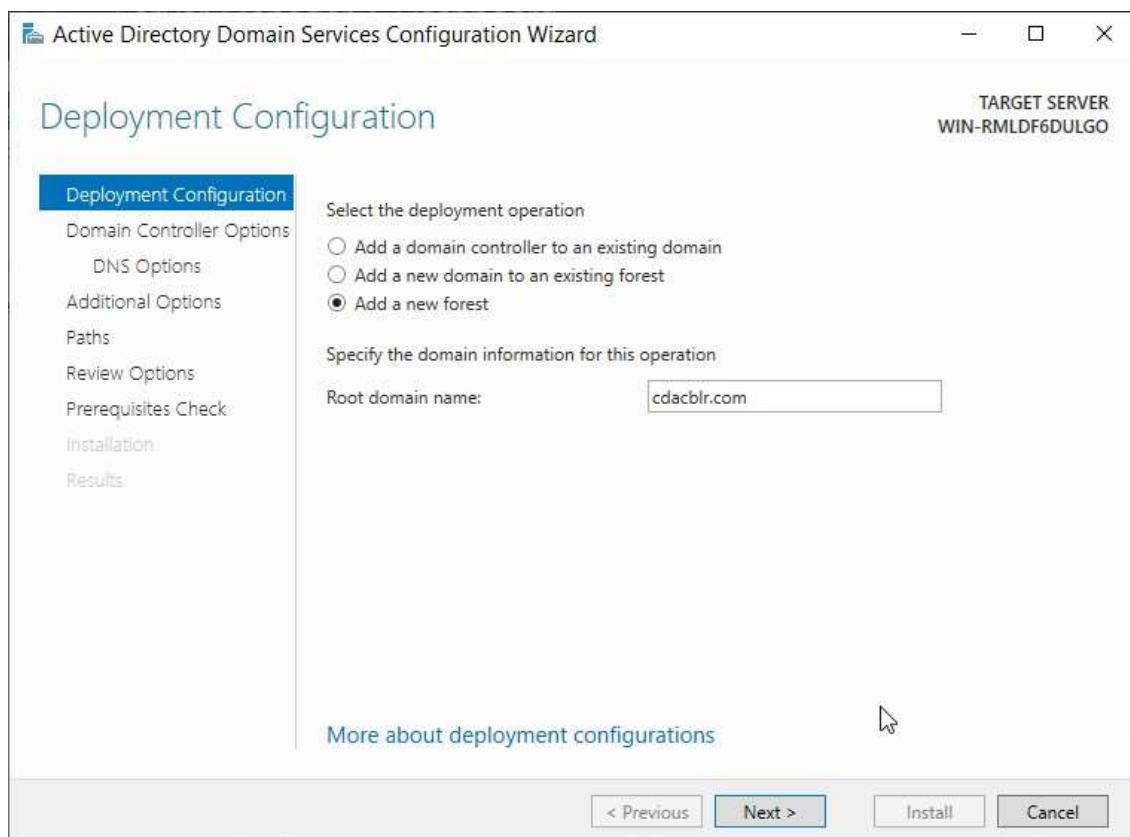
## 5. And hence the installation has been done



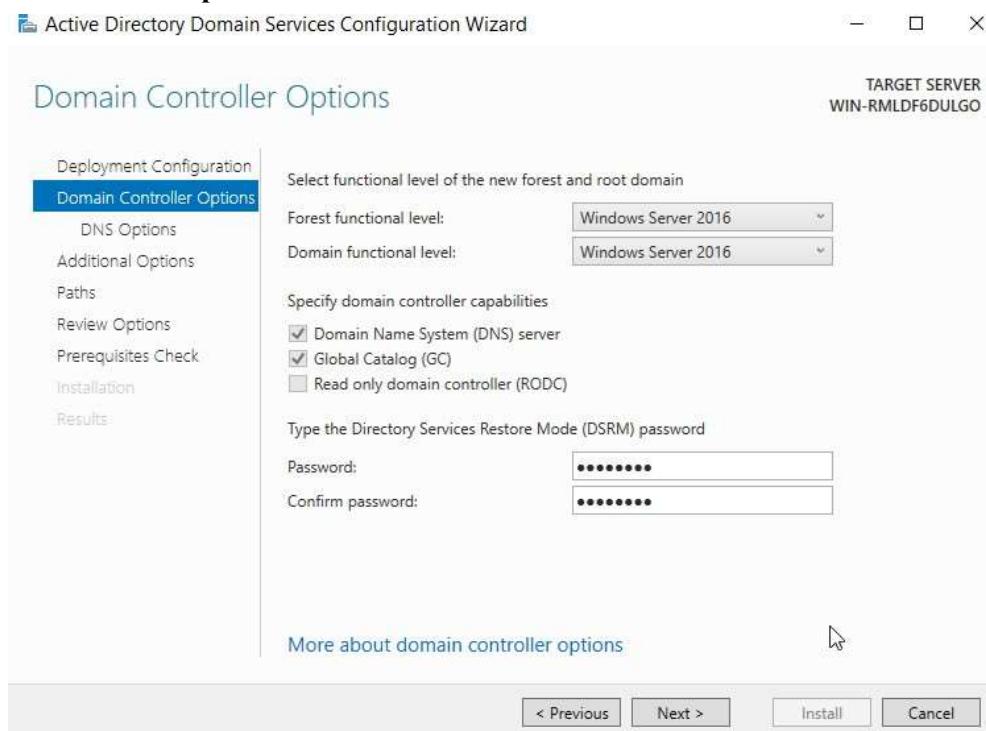
## 6. Check the notification in the system manager



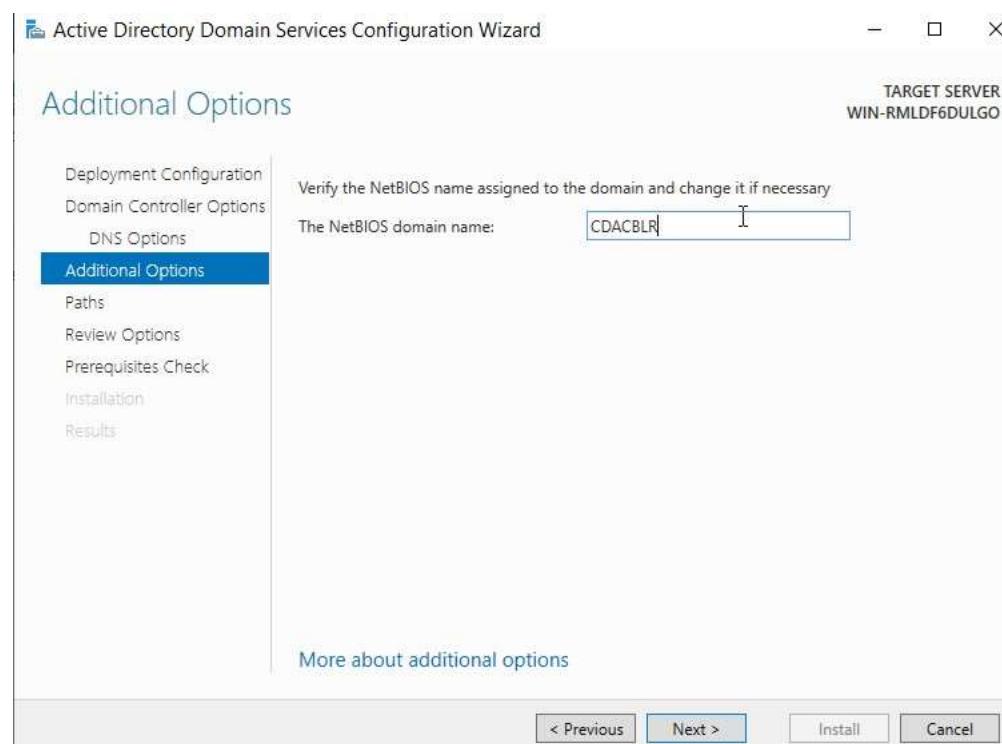
## 7. Give the root domain



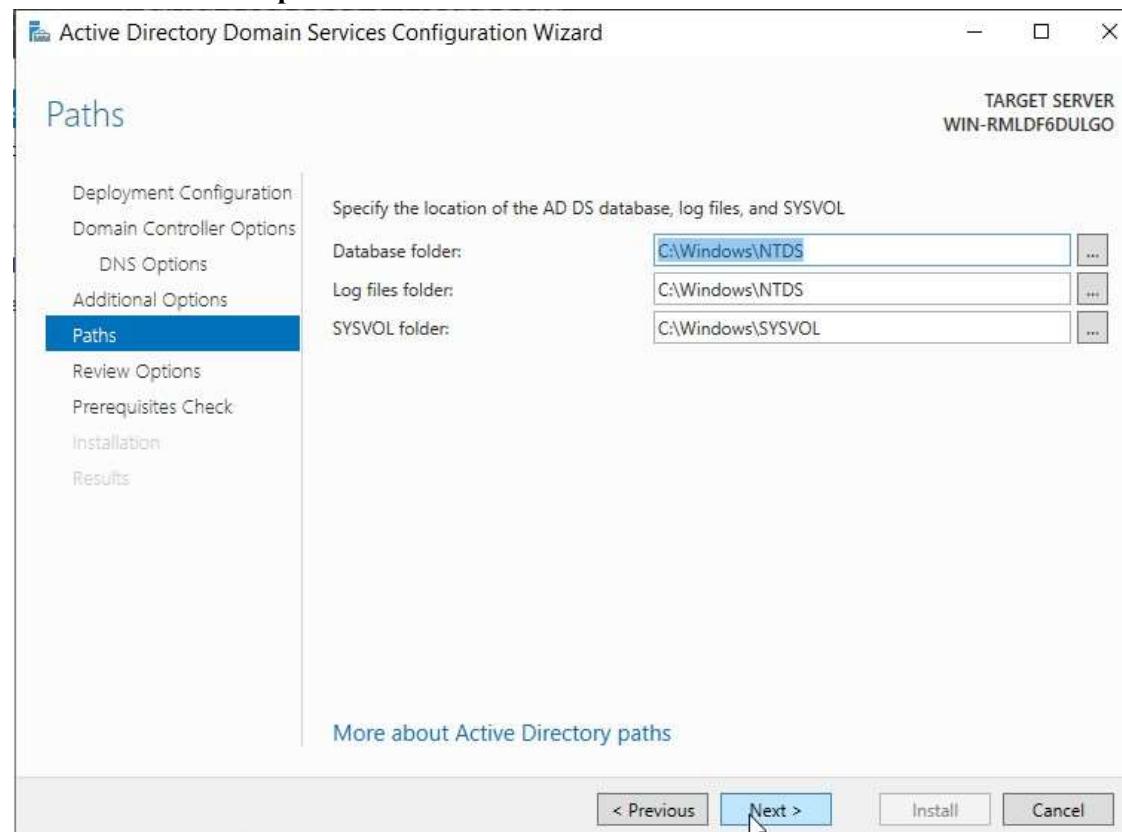
## 8. Give the password



## 9. Give the domain name



## 10. These are the paths



## 11. Review your selection

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

SYSVOL folder: C:\Windows\SYSVOL

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.

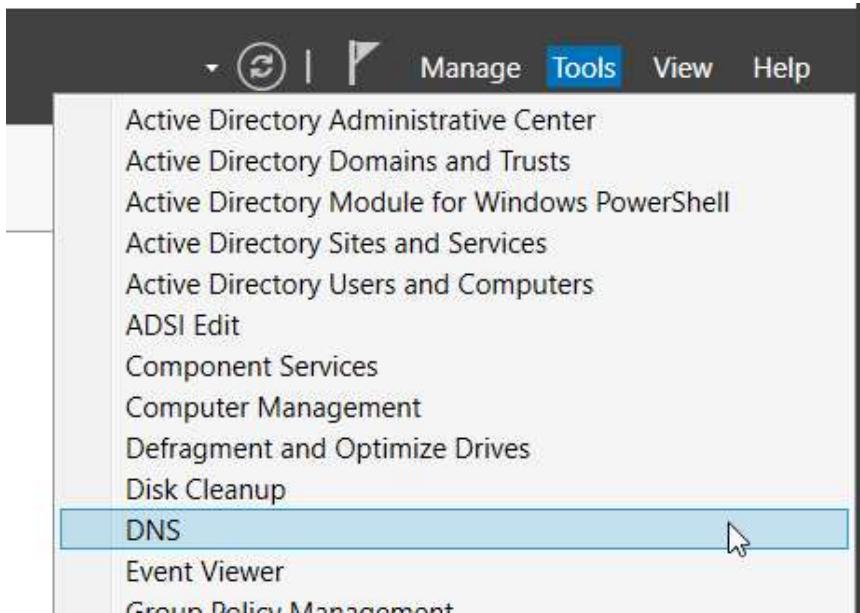
ℹ Prerequisites Check Completed

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

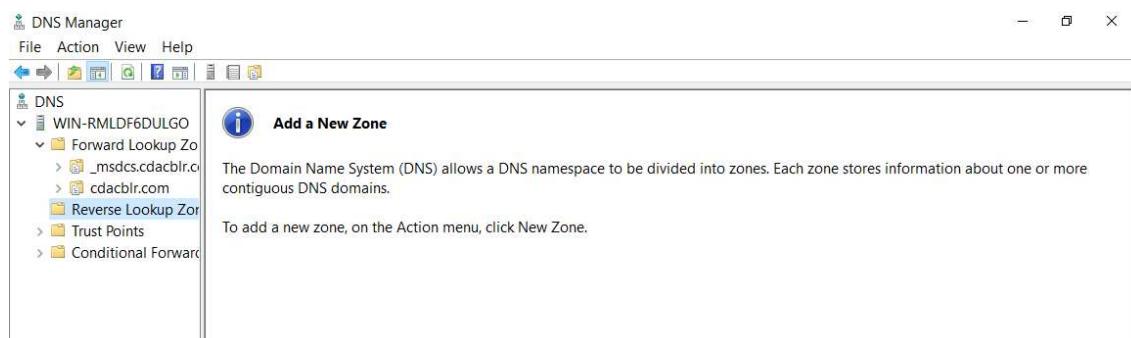
13. And hence the machine has been restarted after the installation



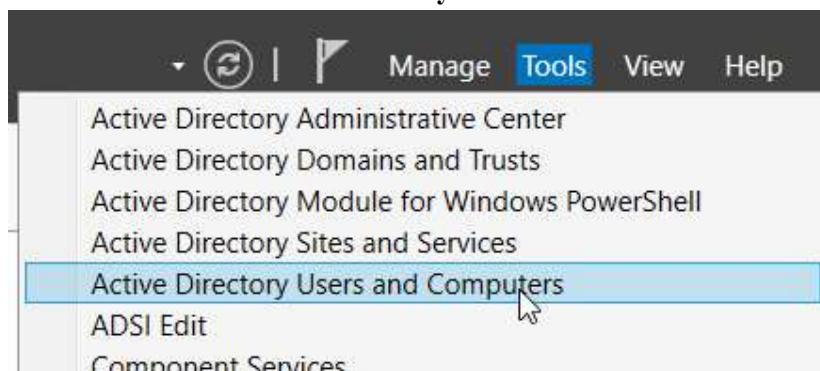
14. Select the tools and choose the DNS



## 15. See the new zone



## 16. Choose the active directory

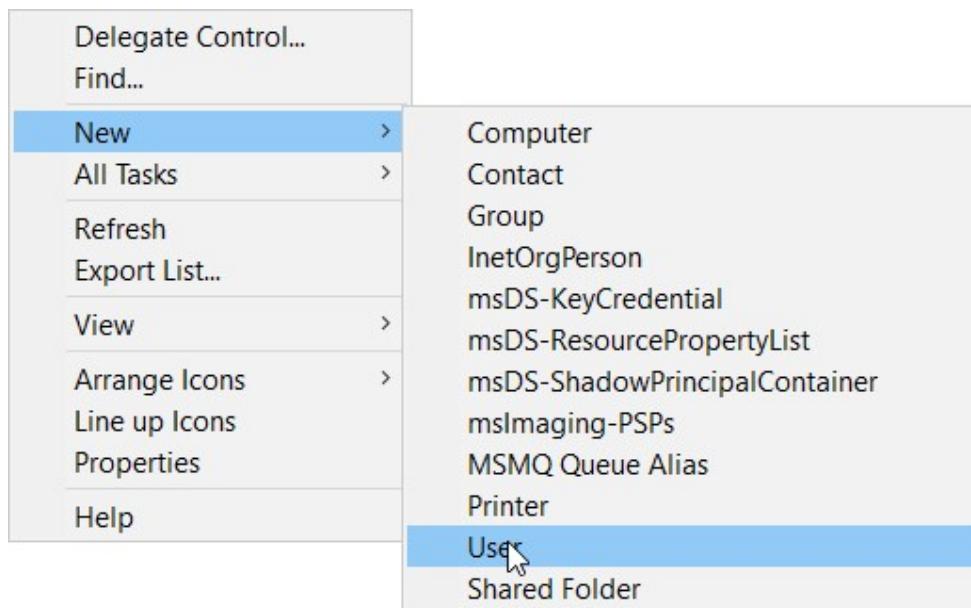


## 17. Go to the users

The screenshot shows the 'Active Directory Users and Computers' window. The left pane shows a navigation tree for the domain 'cdacblr.com', with the 'Users' folder expanded. The right pane displays a table of security groups:

Name	Type	Description
Administrators	User	Built-in account for...
Allowed Logon...	Security Gr...	Members in this gr...
Cert Publis...	Security Gr...	Members of this gr...
Cloneable...	Security Gr...	Members of this gr...
Denied R...	Security Gr...	Members in this gr...
DnsAdmins	Security Gr...	DNS Administrator...
DnsUpdat...	Security Gr...	DNS clients who ar...
Domain Admins	Security Gr...	Designated admini...
Domain C...	Security Gr...	All workstations an...
Domain C...	Security Gr...	All domain controll...
Domain G...	Security Gr...	All domain guests
Domain U...	Security Gr...	All domain users

## 18. Add the new user into the users



## 19. Give the username

New Object - User X

---

 Create in: cdacblr.com/Users

---

First name:  Initials:   
Last name:   
Full name:

User logon name:

User logon name (pre-Windows 2000):

---

[< Back](#) [Next >](#) [Cancel](#)

## 20. Set password

New Object - User X

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 X

Create in: cdacblr.com/Users

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

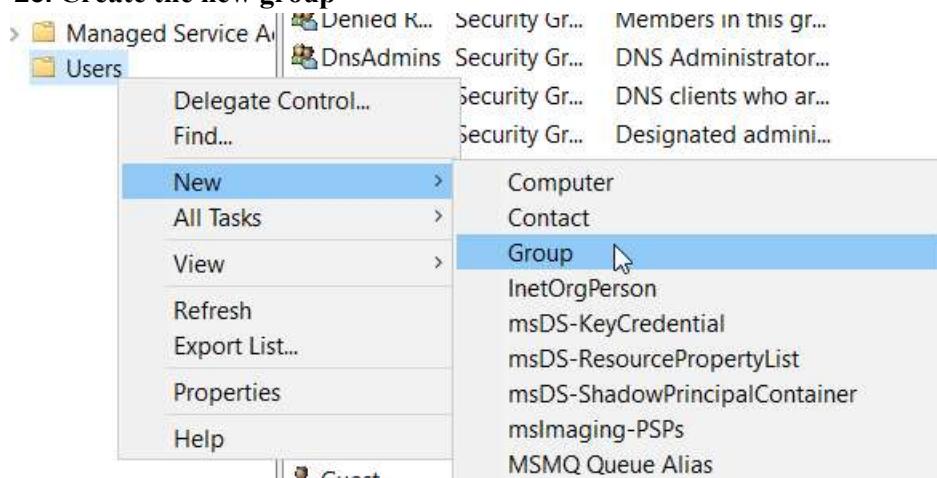
Full name: AKSHIT  
User logon name: akshit@cdacblr.com  
The password never expires.

[< Back](#) [Finish](#) [Cancel](#)

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

Name	Type	Description
Administrator	User	Built-in account for...
AKSHIT	User	
Allowed		Copy... this gr...
Cert Pub		Add to a group... this gr...
Cloneab		Disable Account this gr...
Denied		Reset Password... this gr...
		Move...

**23. Create the new group**



**24. Create the new group name ditiss**

New Object - Group

Create in: cdacblr.com/Users

Group name:  
ditissS

Group name (pre-Windows 2000):  
ditissS

Group scope

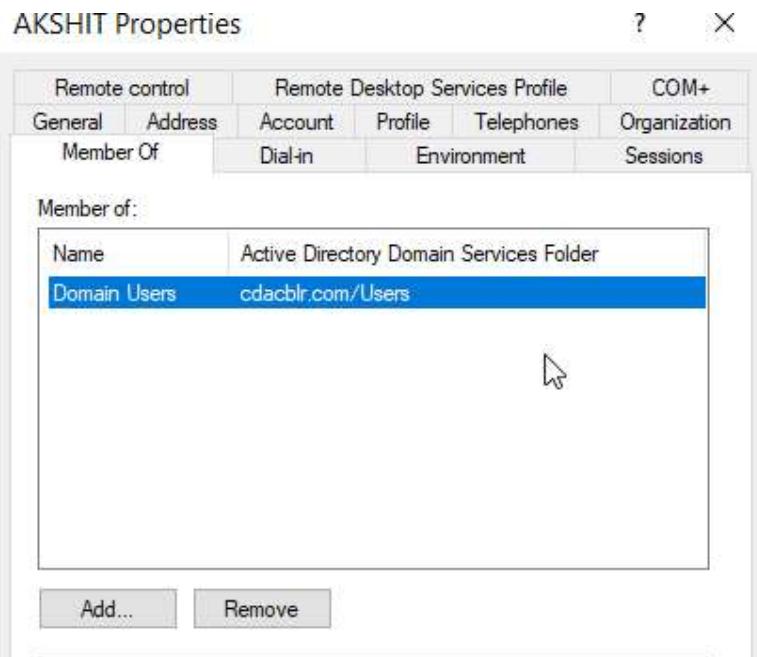
Domain local  
 Global  
 Universal

Group type

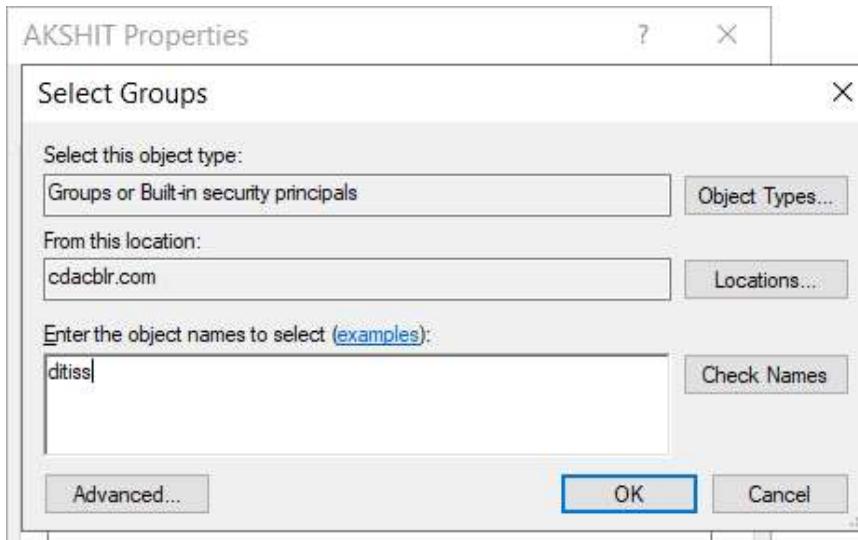
Security  
 Distribution

OK Cancel

**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.**

