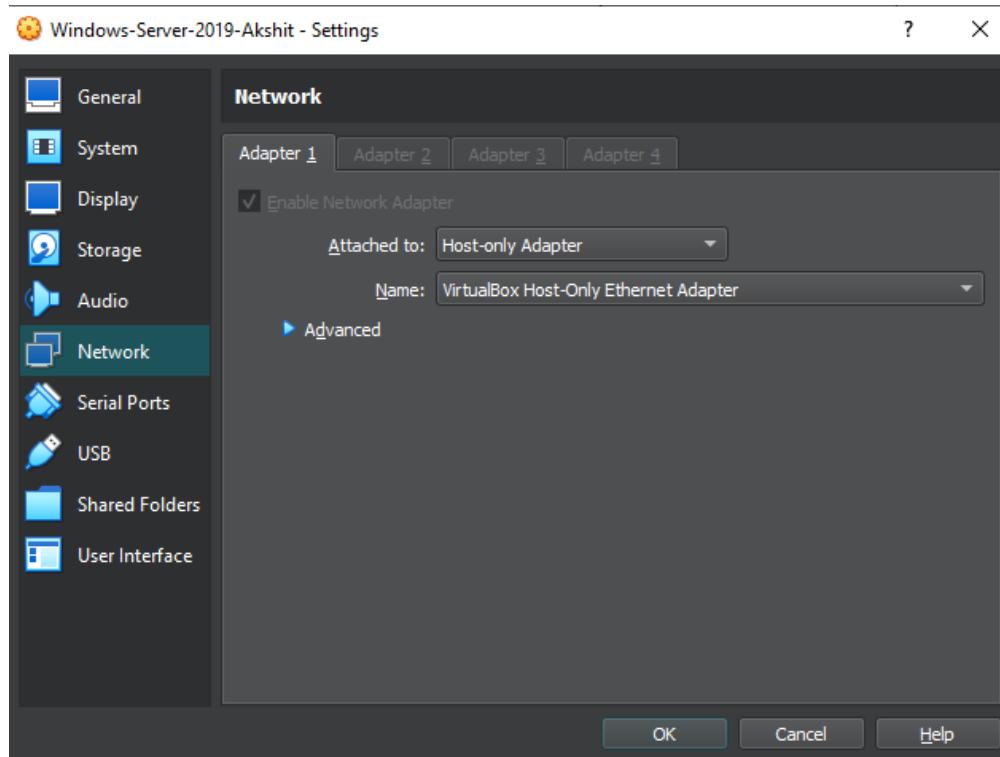


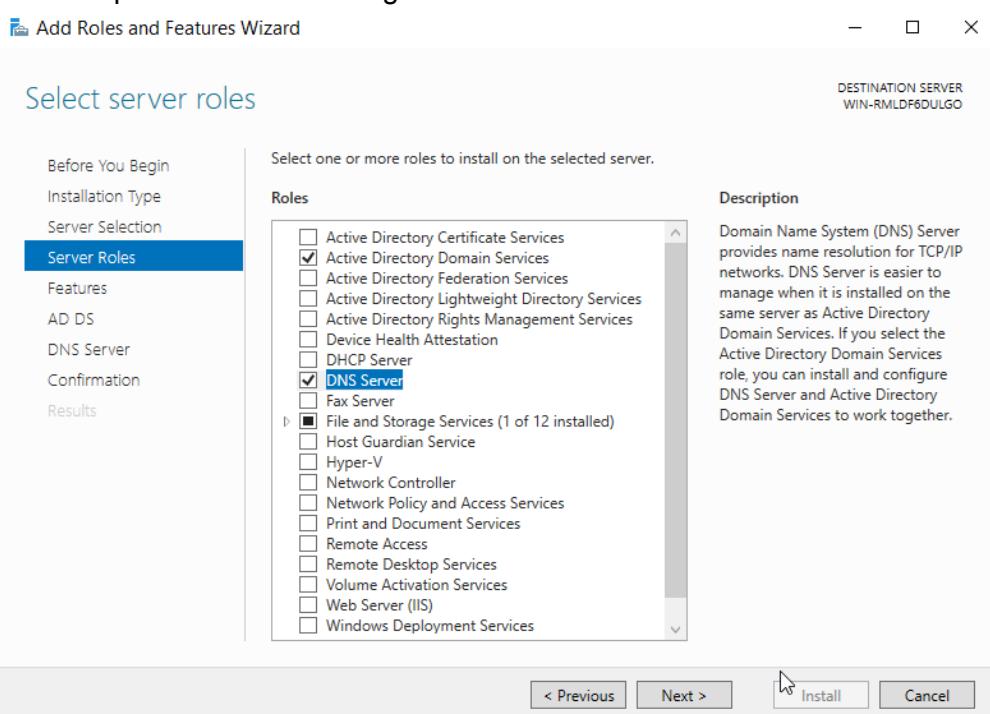
**ASSIGNMENT -2**  
**AKSHIT\_TYAGI\_2\_DITISS**  
**AD DS - DNS SERVER WINDOWS**

**Installation and configuration of DNS server**

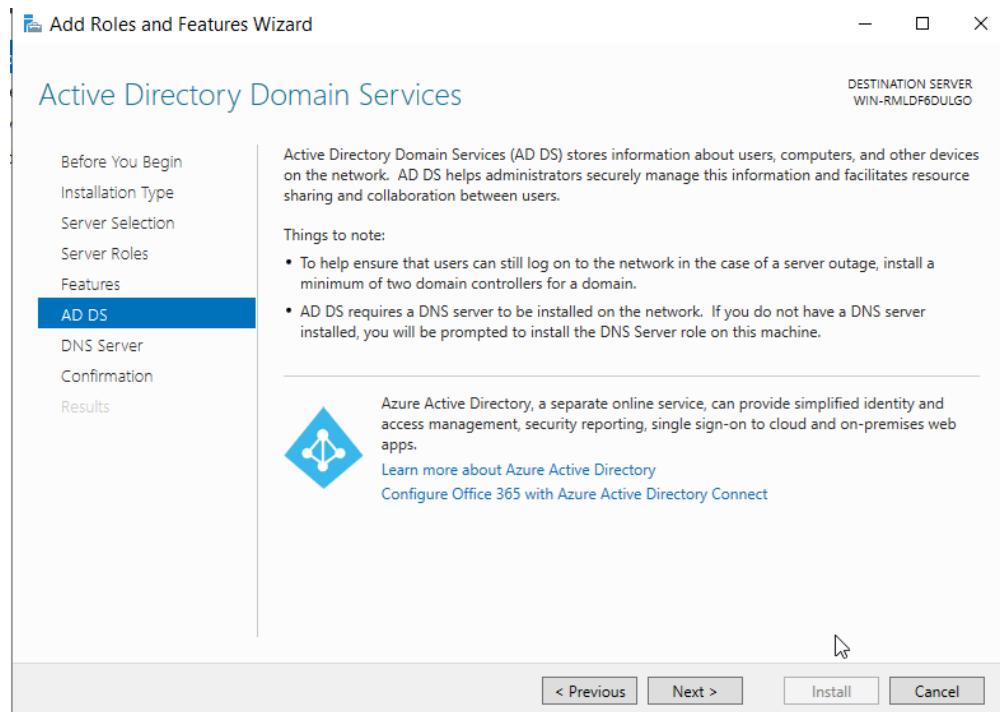
**1. Change the network mode**



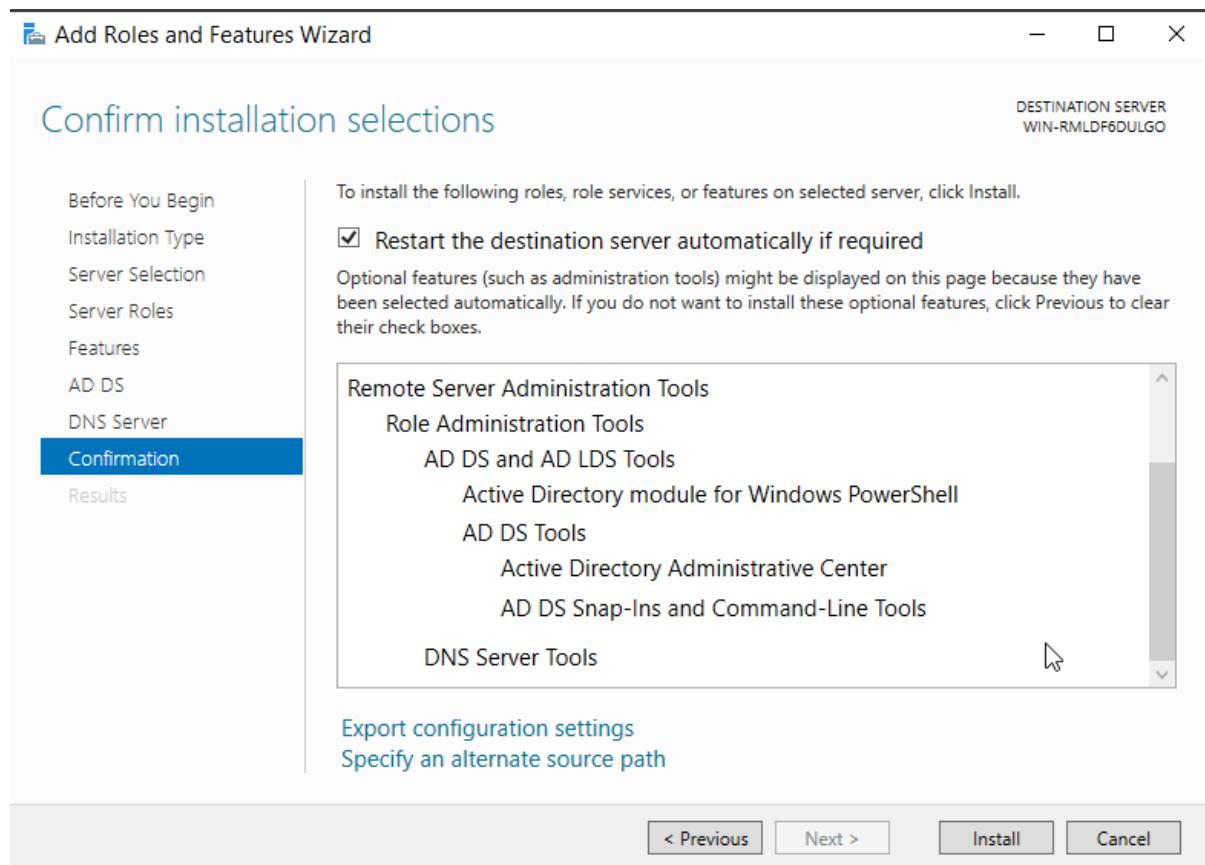
**2. Open the server manager and select the AD DS and DNS server**



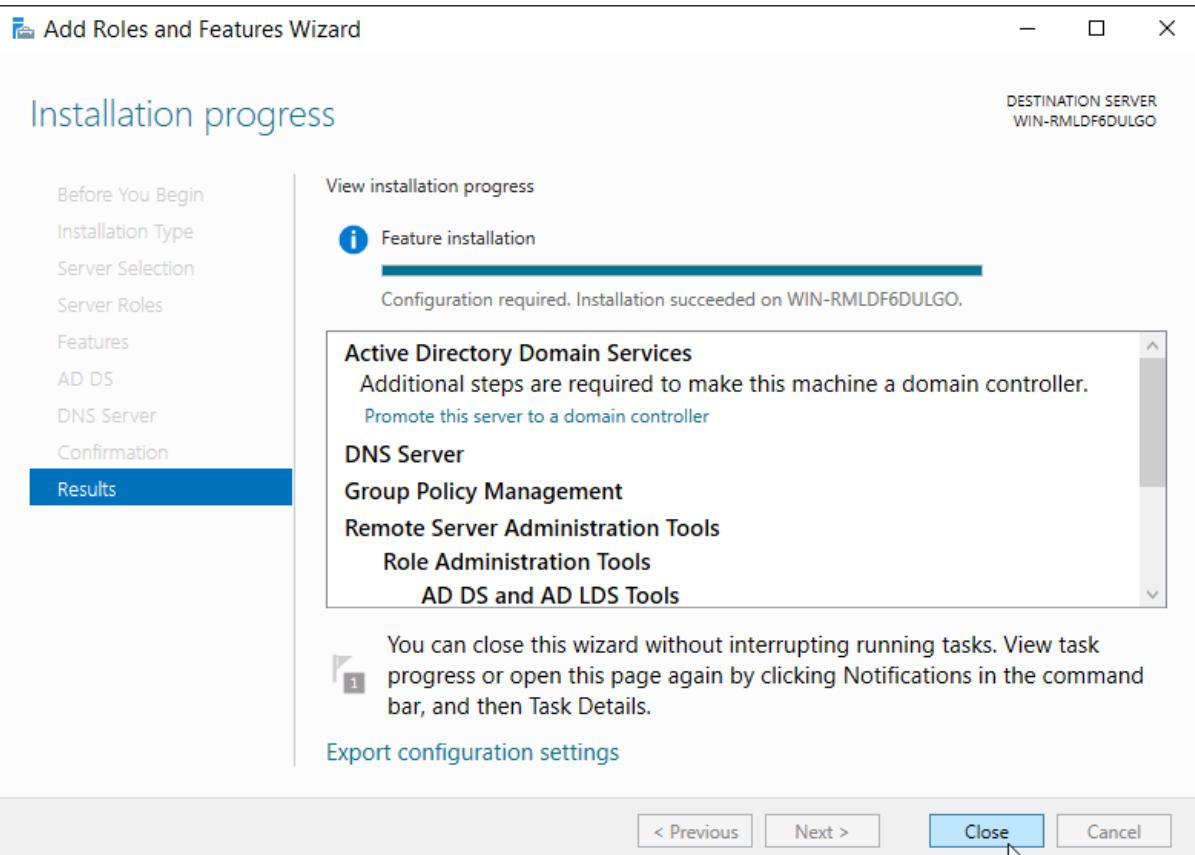
### 3. AD DS



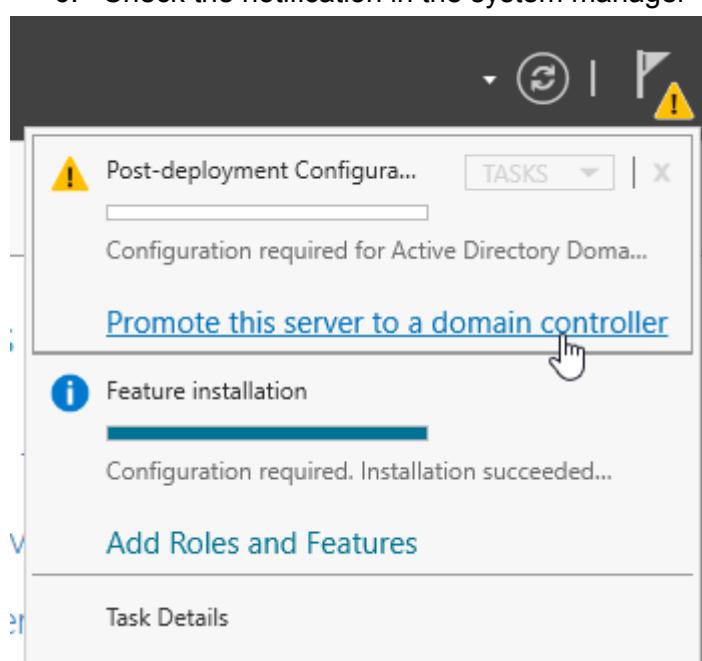
### 4. Confirm the installation



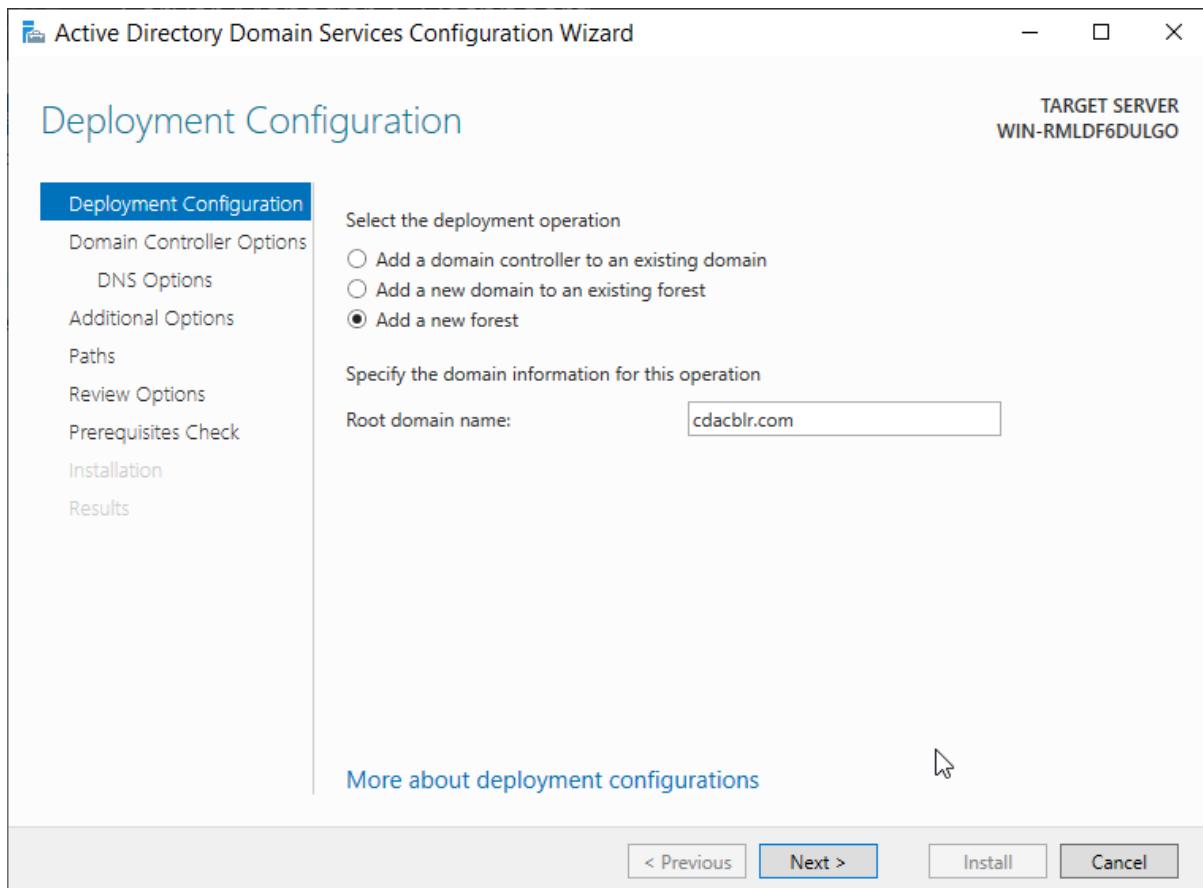
5. And hence the installation has been done.



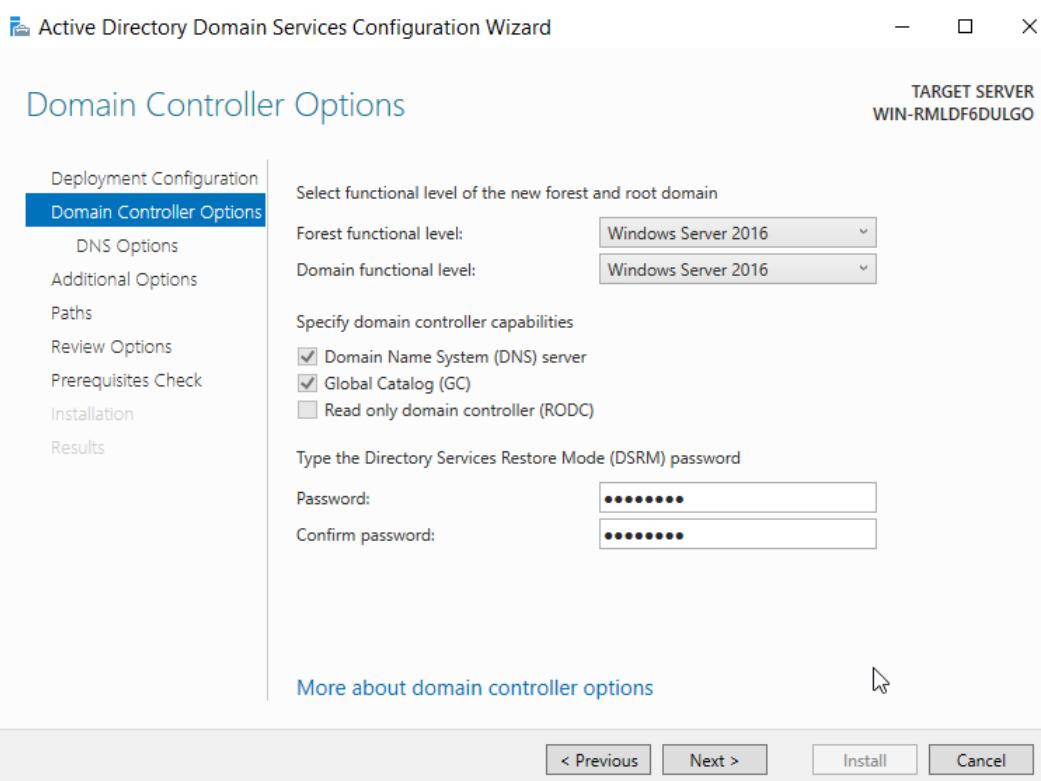
6. Check the notification in the system manager



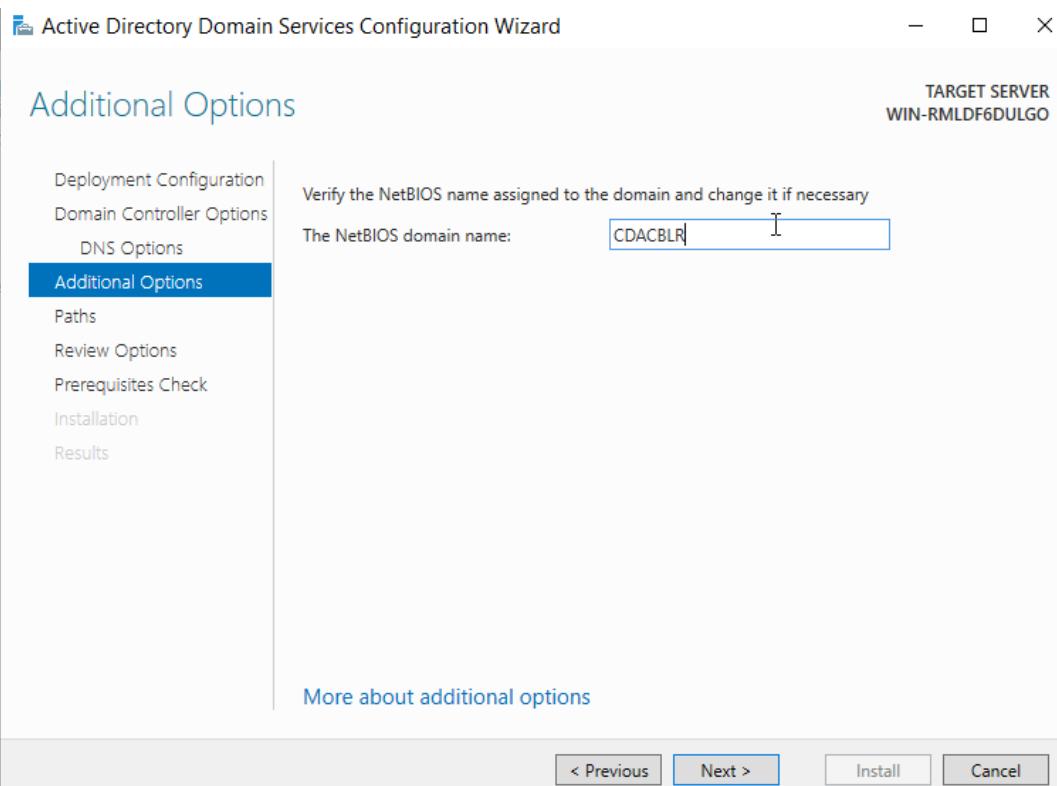
## 7. Give the root domain



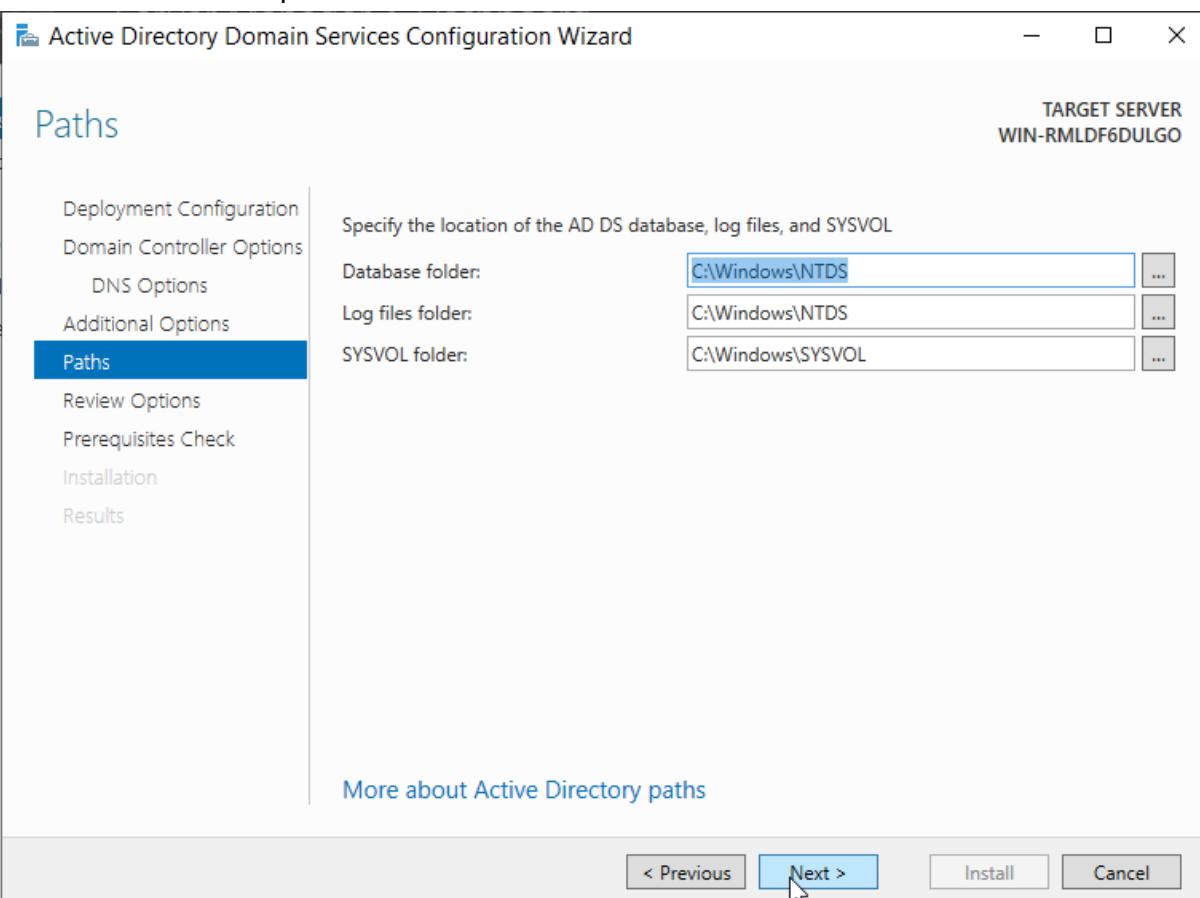
## 8. Give the password



## 9. Give the domain name



## 10. These are the paths



## 11. Review your selection

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  
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](#)

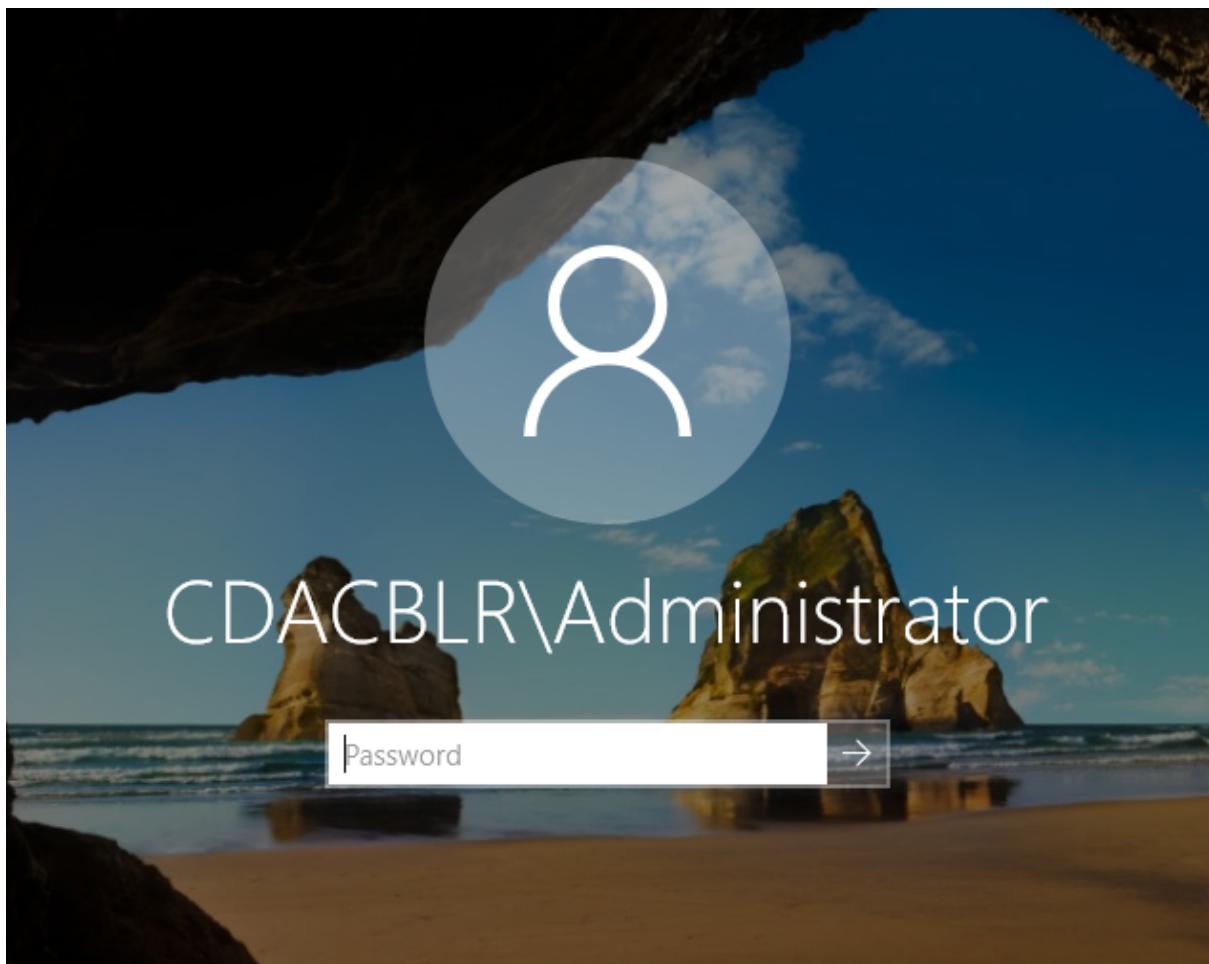
< Previous [Next >](#) [Install](#) [Cancel](#)

## 12. Check the notifications

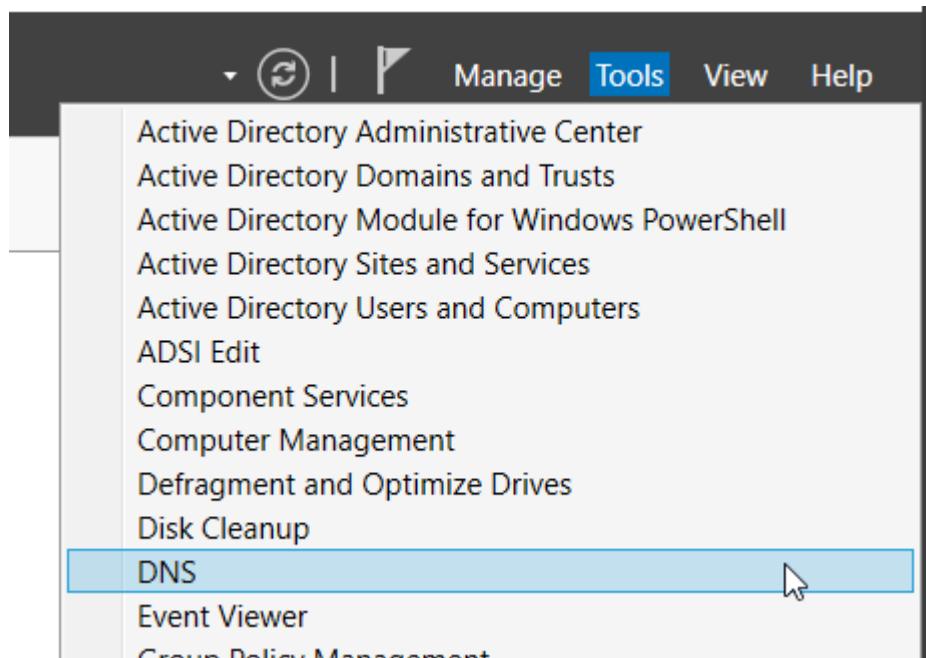
[View results](#)

⚠ 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.  
ⓘ Prerequisites Check Completed  
✓ All prerequisite checks passed successfully. Click 'Install' to begin installation.

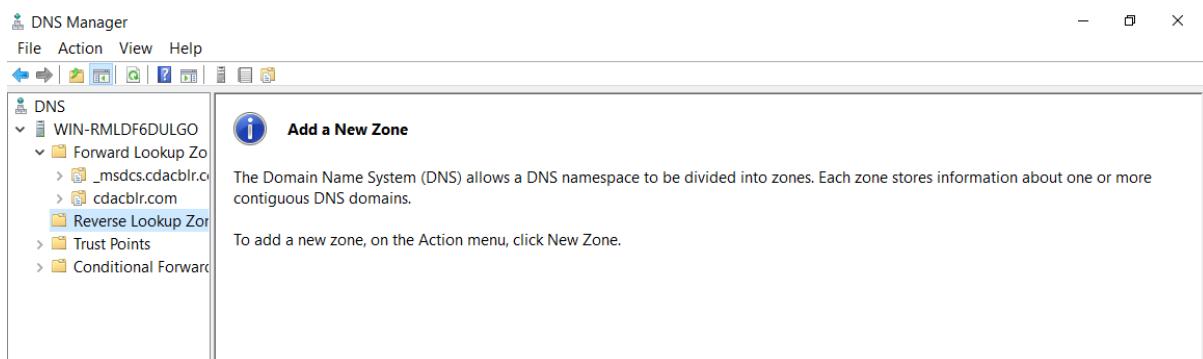
13. And hence the machine has been restarted after the installation



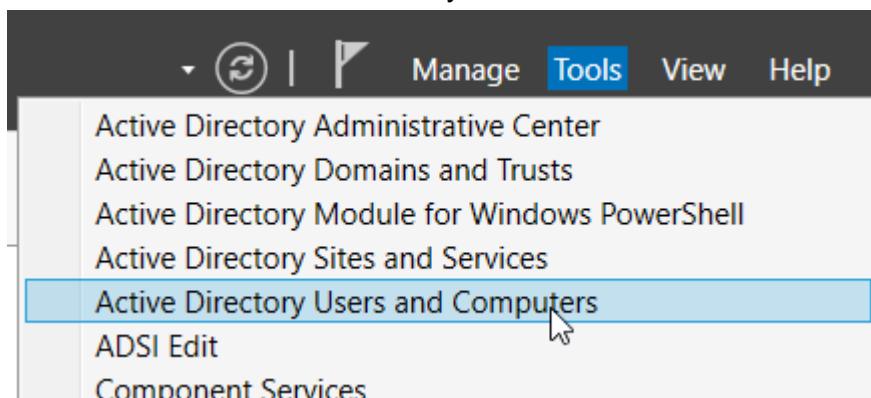
14. Select the tools and choose the DNS



## 15. See the new zone



## 16. Choose the active directory

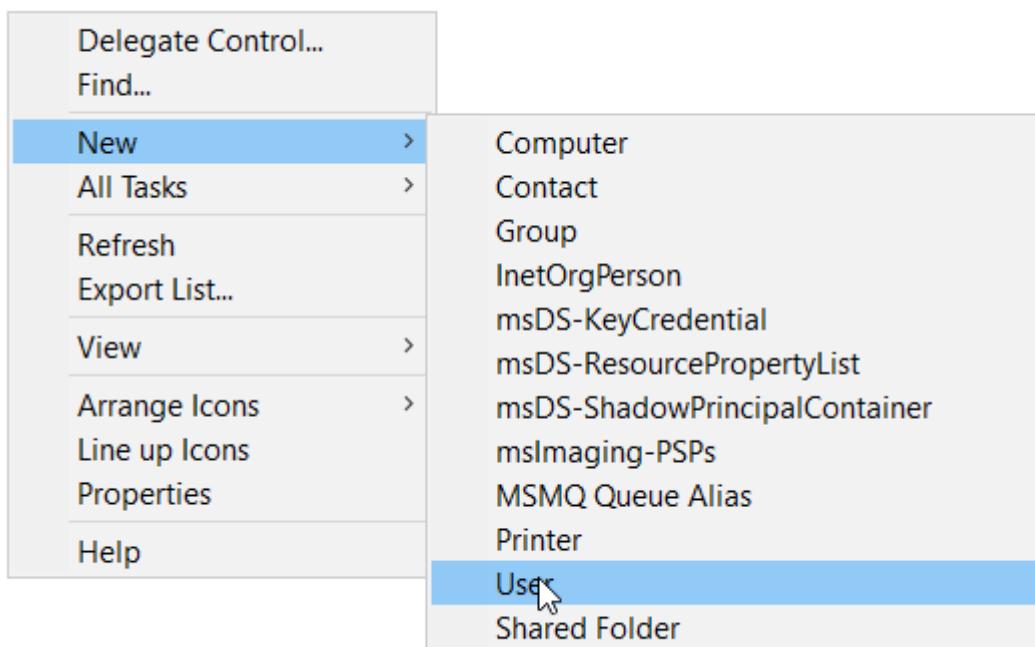


## 17. Go to the users

The screenshot shows the 'Active Directory Users and Computers' window. The top navigation bar includes 'File', 'Action', 'View', and 'Help'. The left pane is a navigation tree showing 'Active Directory Users and Computers', 'Saved Queries', and a 'cdacblr.com' domain with subfolders like 'Builtin', 'Computers', 'Domain Controllers', 'ForeignSecurityPrincipals', 'Managed Service Accounts', and 'Users'. The right pane displays a table of users and 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 Guests	Security Gr...	All domain guests
Domain Users	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	User	this gr...
Cert Pub	User	this gr...
Cloneab	User	this gr...
Denied	User	this gr...

23. Create the new group

The screenshot shows the Windows Server 2012 Active Directory Users and Computers interface. A user account named 'AKSHIT' is selected, and a context menu is open. The 'Add to a group...' option is highlighted. Below the menu, a list of security groups is visible, including 'Denied K...', 'Security Gr...', 'Members in this gr...', 'DnsAdmins', 'Security Gr...', 'DNS Administrator...', 'Security Gr...', 'DNS clients who ar...', 'Security Gr...', 'Designated admini...', and a 'New' submenu with options like 'Computer', 'Contact', 'Group', 'InetOrgPerson', 'msDS-KeyCredential', 'msDS-ResourcePropertyList', 'msDS-ShadowPrincipalContainer', 'msImaging-PSPs', and 'MSMQ Queue Alias'. The 'Group' option is also highlighted.

24. Create the new group name ditiss

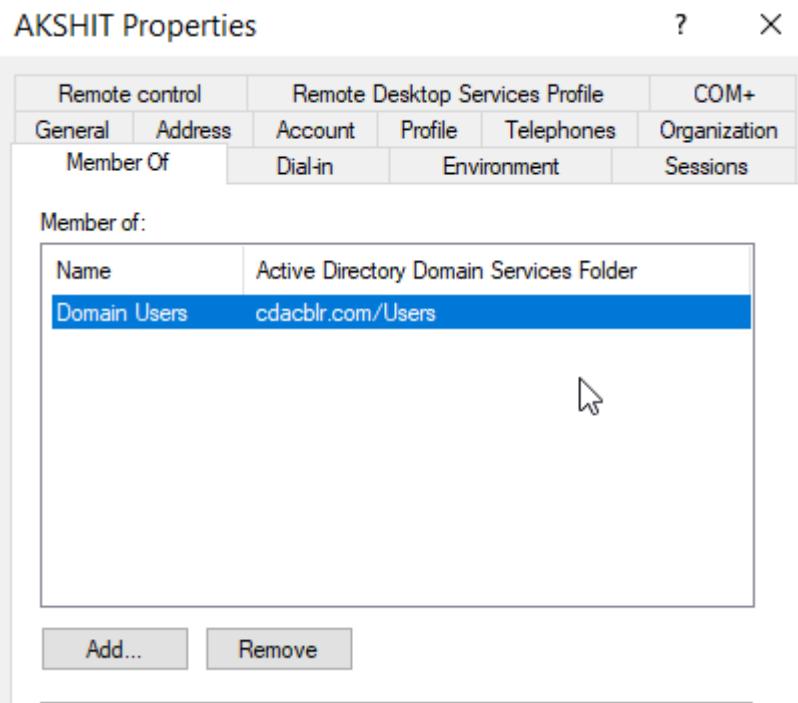
New Object - Group

The screenshot shows the 'New Object - Group' dialog box. The 'Create in:' dropdown is set to 'cdacblr.com/Users'. The 'Group name:' field contains 'ditissS'. The 'Group name (pre-Windows 2000):' field also contains 'ditissS'. Under 'Group scope', the 'Global' radio button is selected. Under 'Group type', the 'Security' radio button is selected. At the bottom right are 'OK' and 'Cancel' buttons.

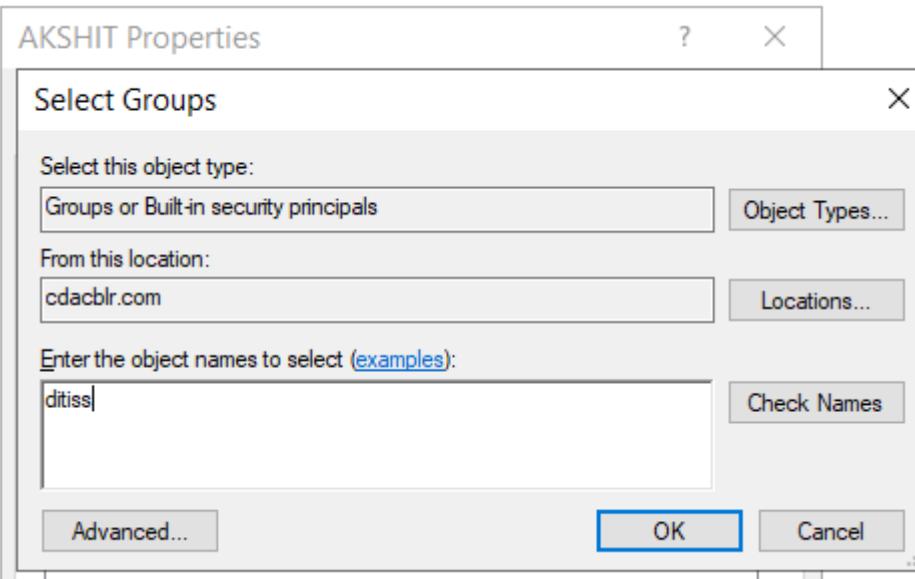
Create in:	cdacblr.com/Users
Group name:	ditissS
Group name (pre-Windows 2000):	ditissS
Group scope	<input checked="" type="radio"/> Domain local <input checked="" type="radio"/> Global <input type="radio"/> Universal
Group type	<input checked="" type="radio"/> Security <input type="radio"/> Distribution

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.

