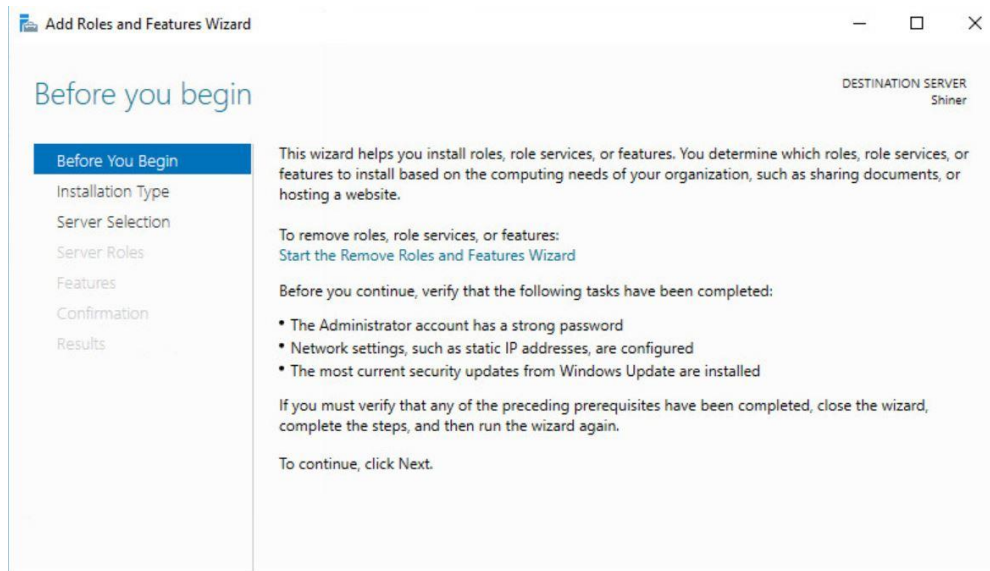Documentation Mary Server Active Directory (LDAP Protocol)

References:
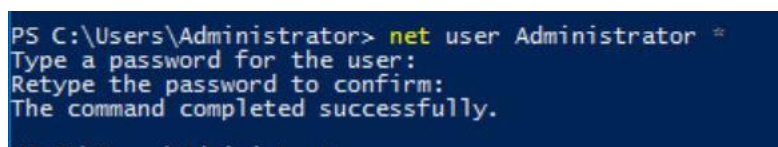
https://blogs.msdn.microsoft.com/microsoftrservertigerteam/2017/04/10/step-by-step-guide-to-setup-ldaps-on-windows-server/ -Setting up LDAP
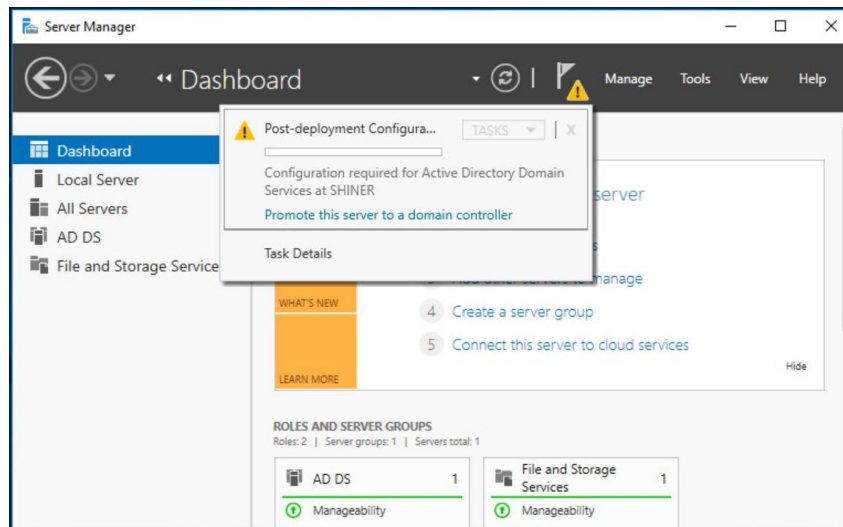
Lab3 setting up Domain Controller

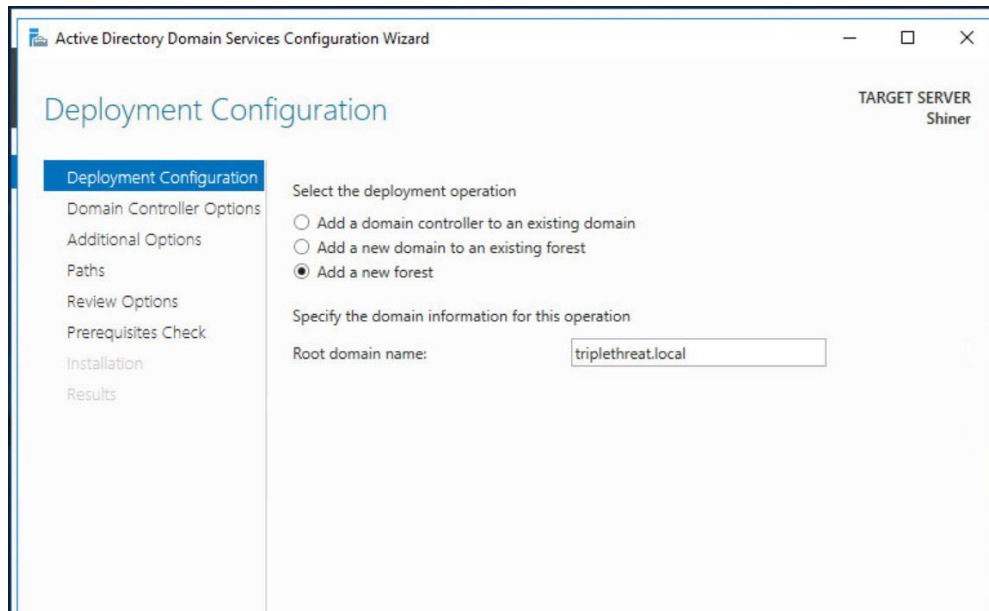1. Went through Lab 3 in order to set up the domain controller. Installed Active Directory Domain Services.

2. Opened up Powershell and set up admin password.

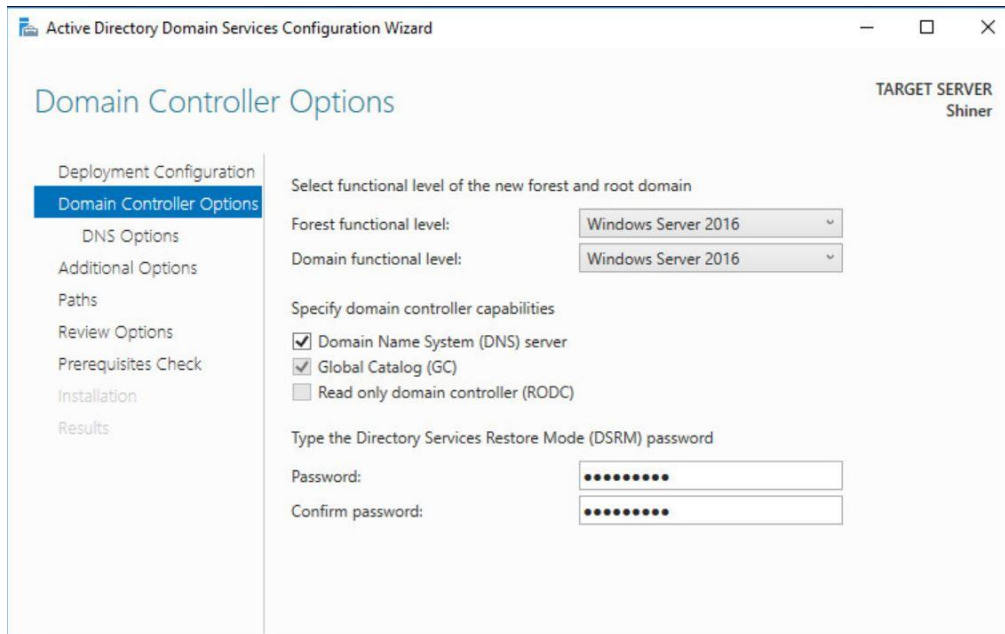3. Clicked promote this server to a domain controller.
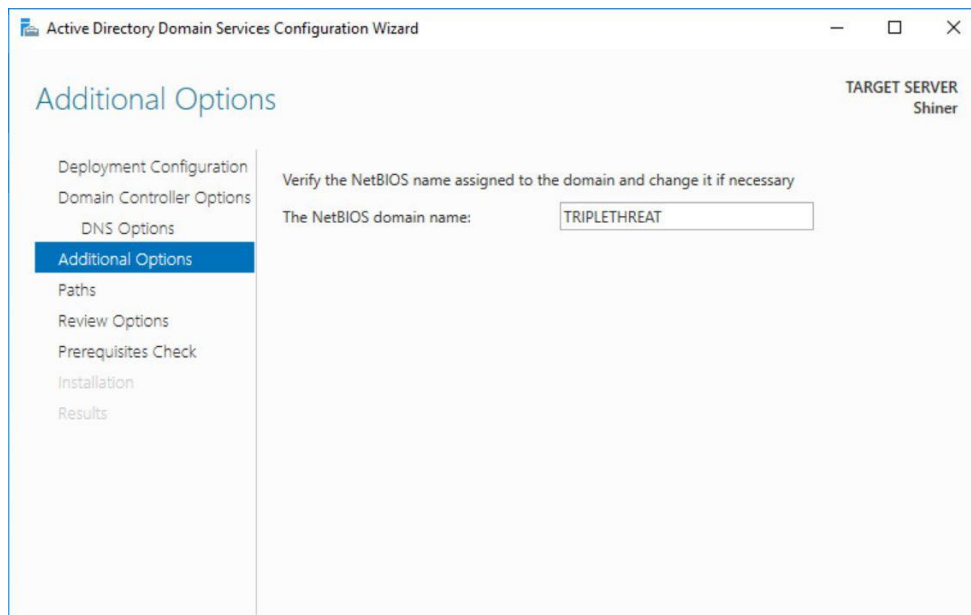
4. Created a new forest.

5. Set the recovery password for the domain services.
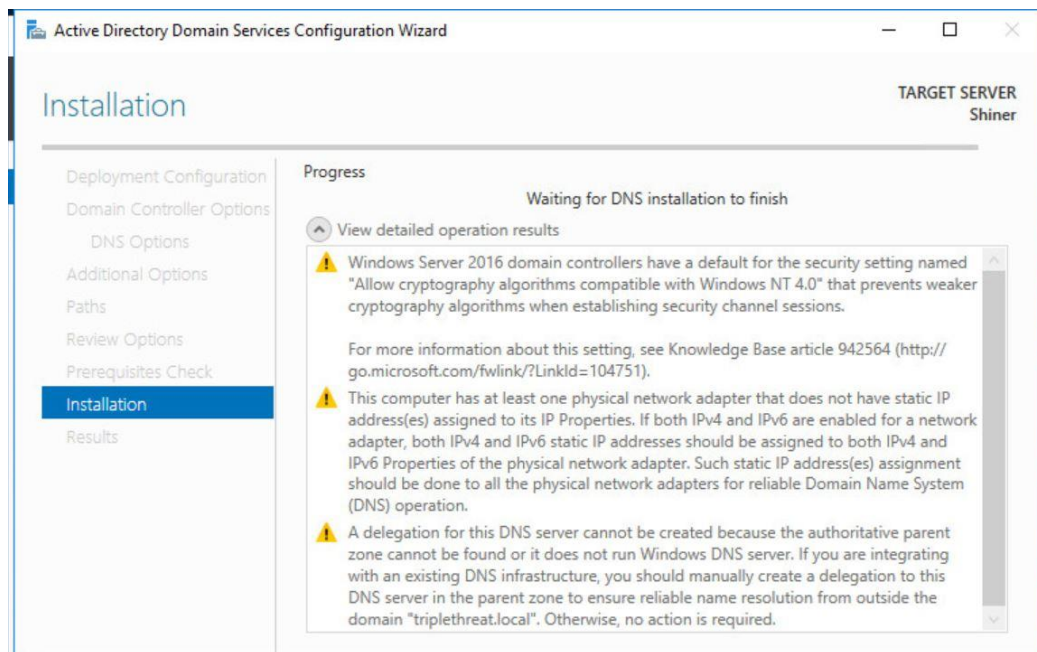
6. Set up the NetBIOS domain name.

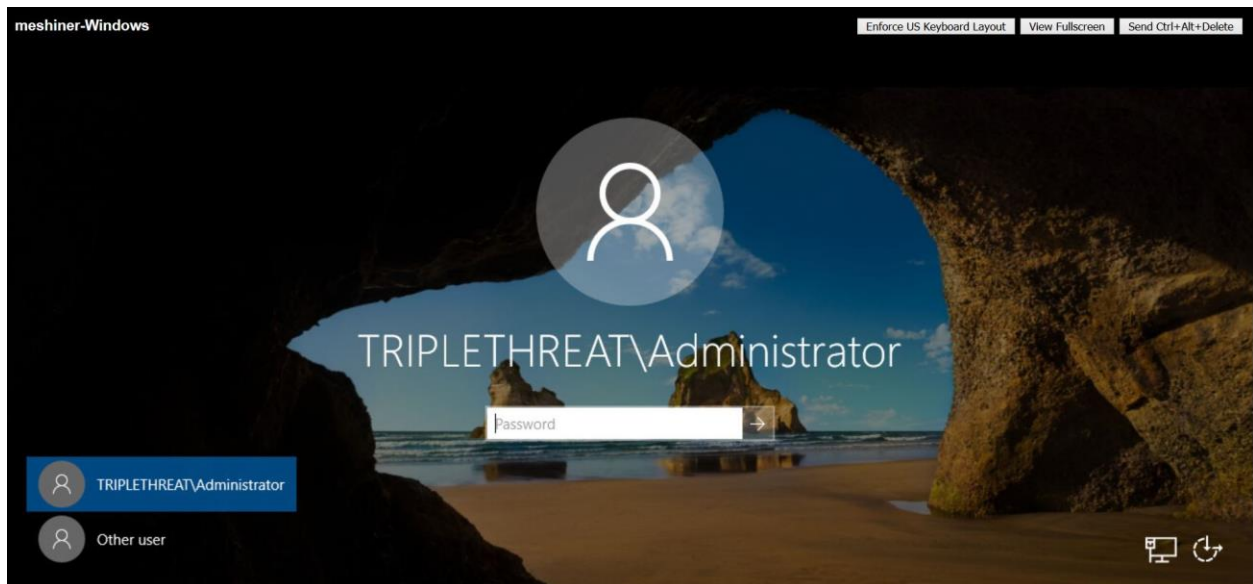

7. Checked prerequisites.
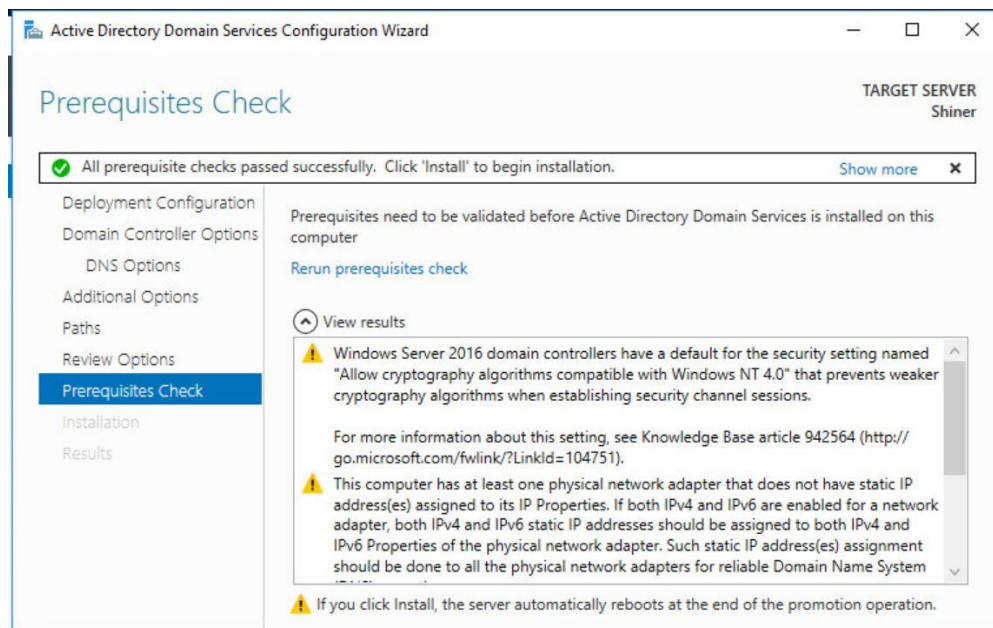
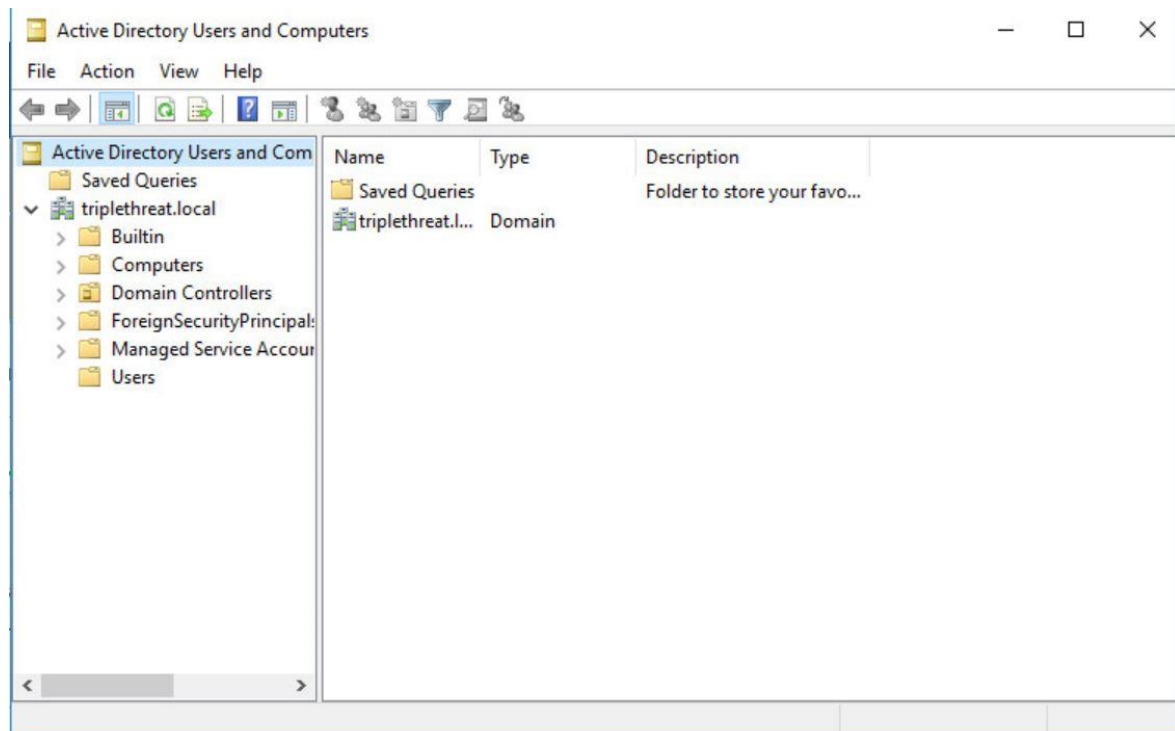8. Active Directory is being installed.
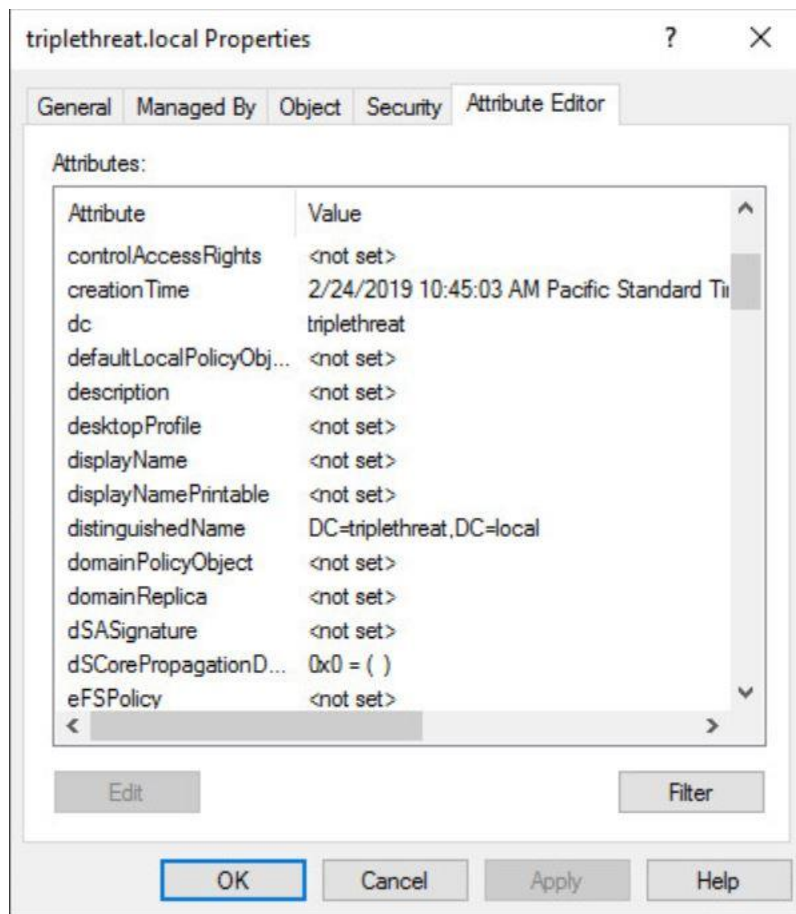

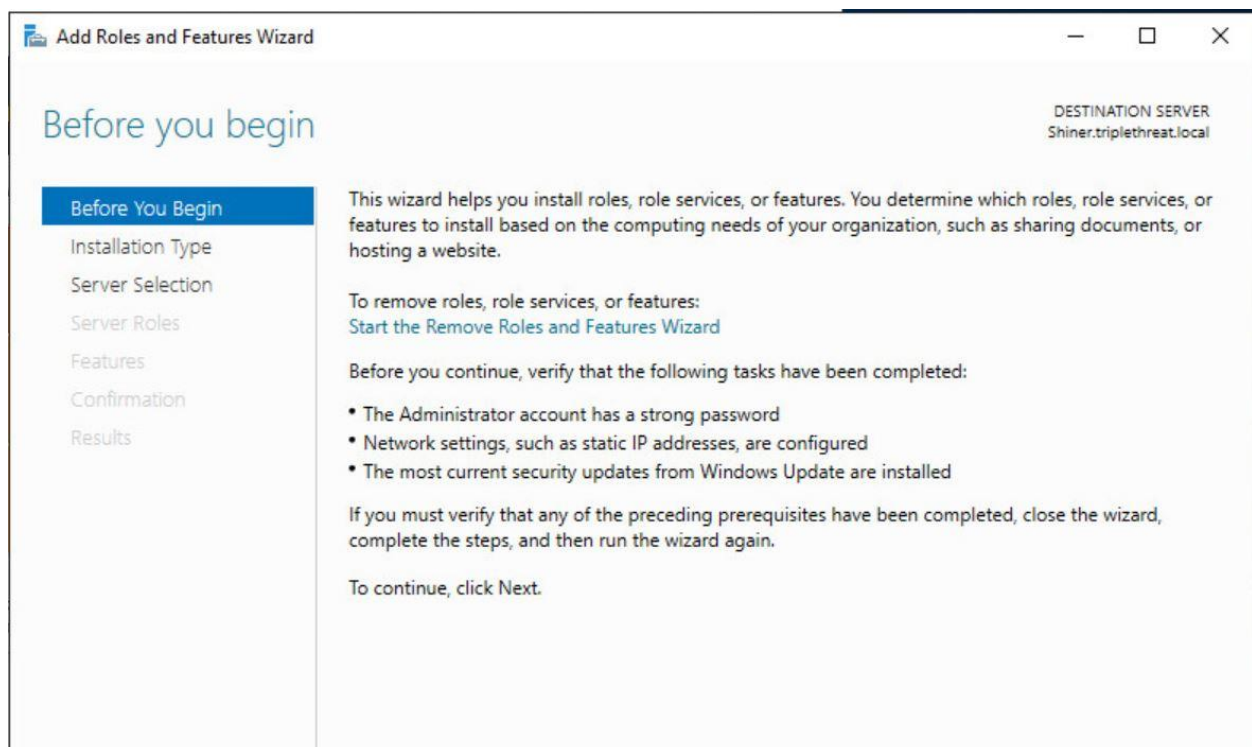9. VM is restarted.

10. Login to new admin account.

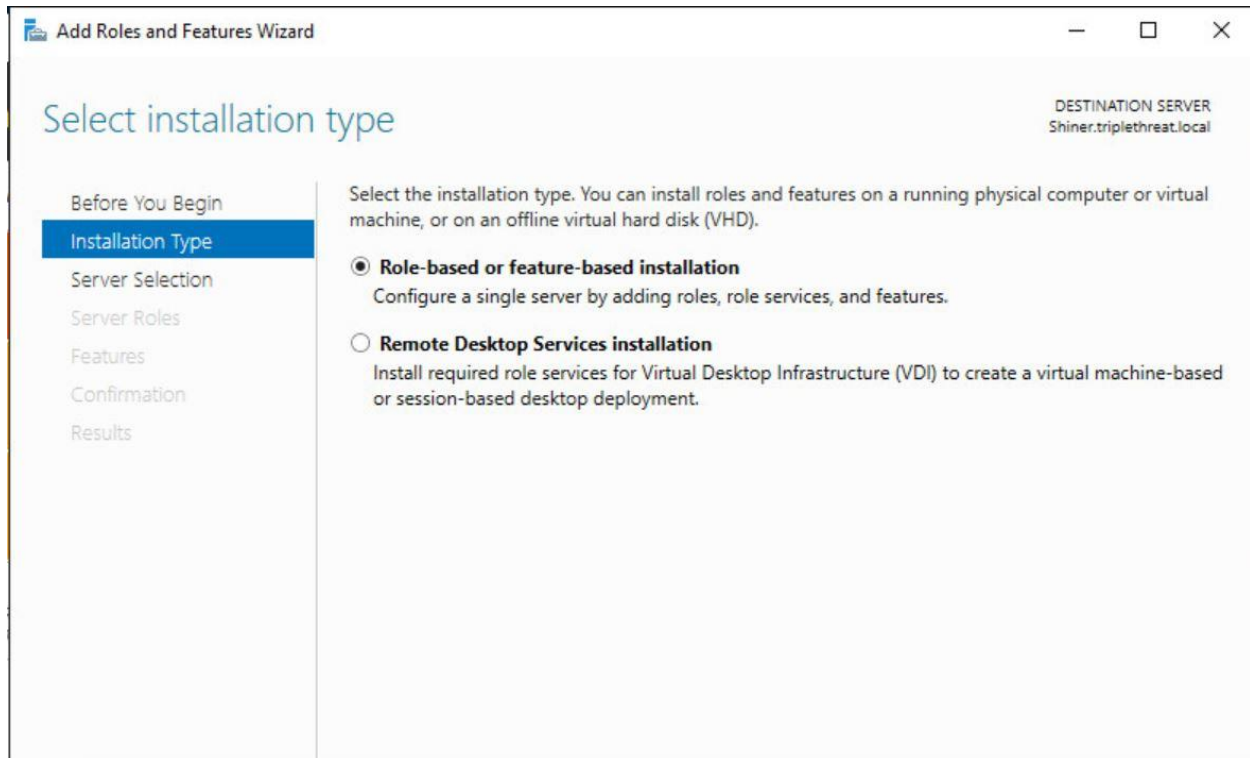11. Active directory is now installed and shows our forest.

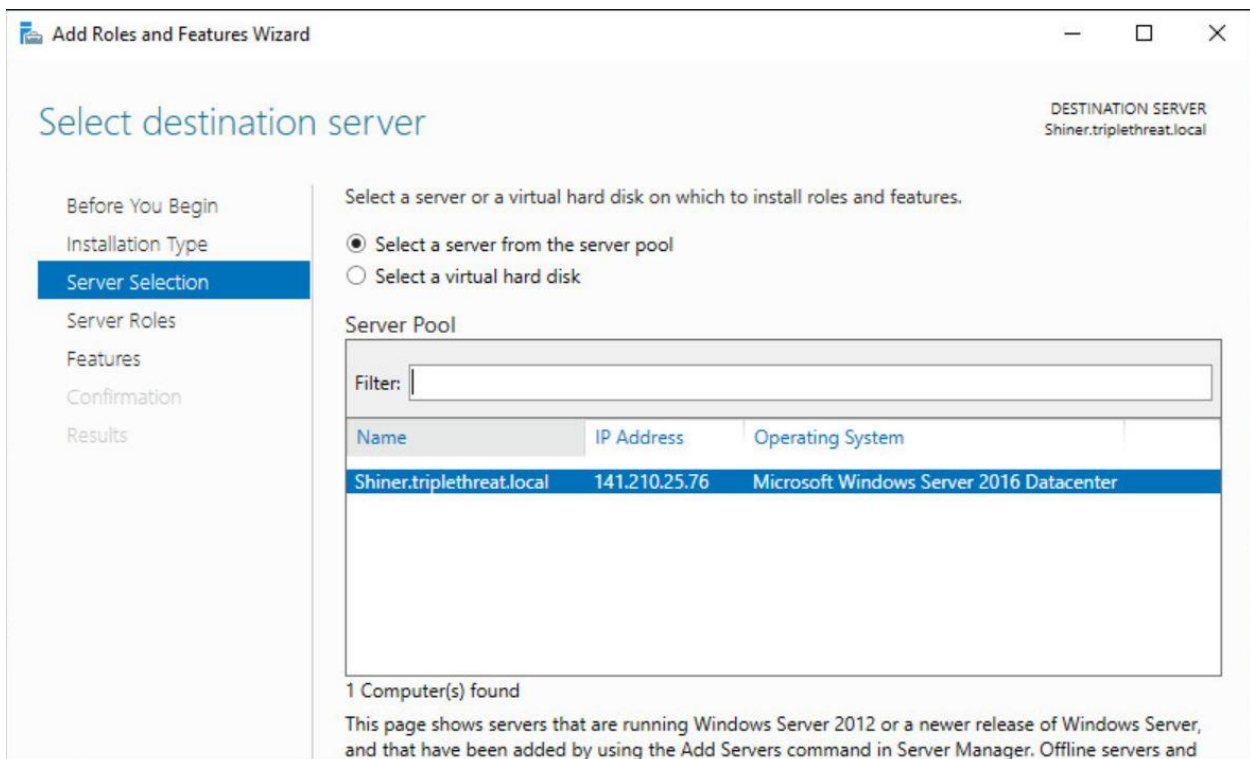12. Here is our forest properties.

13. We are now going to install LDAP using AD LDS (Active Directory Lightweight Directory Services)
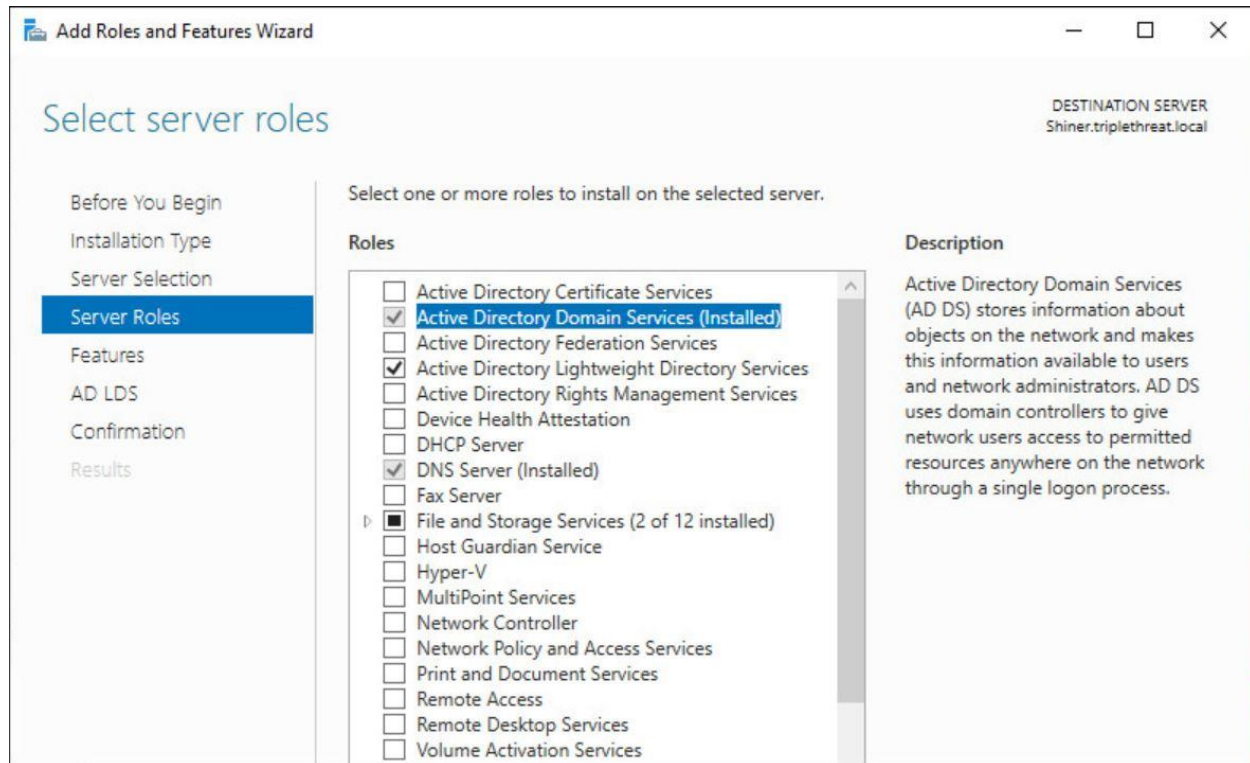
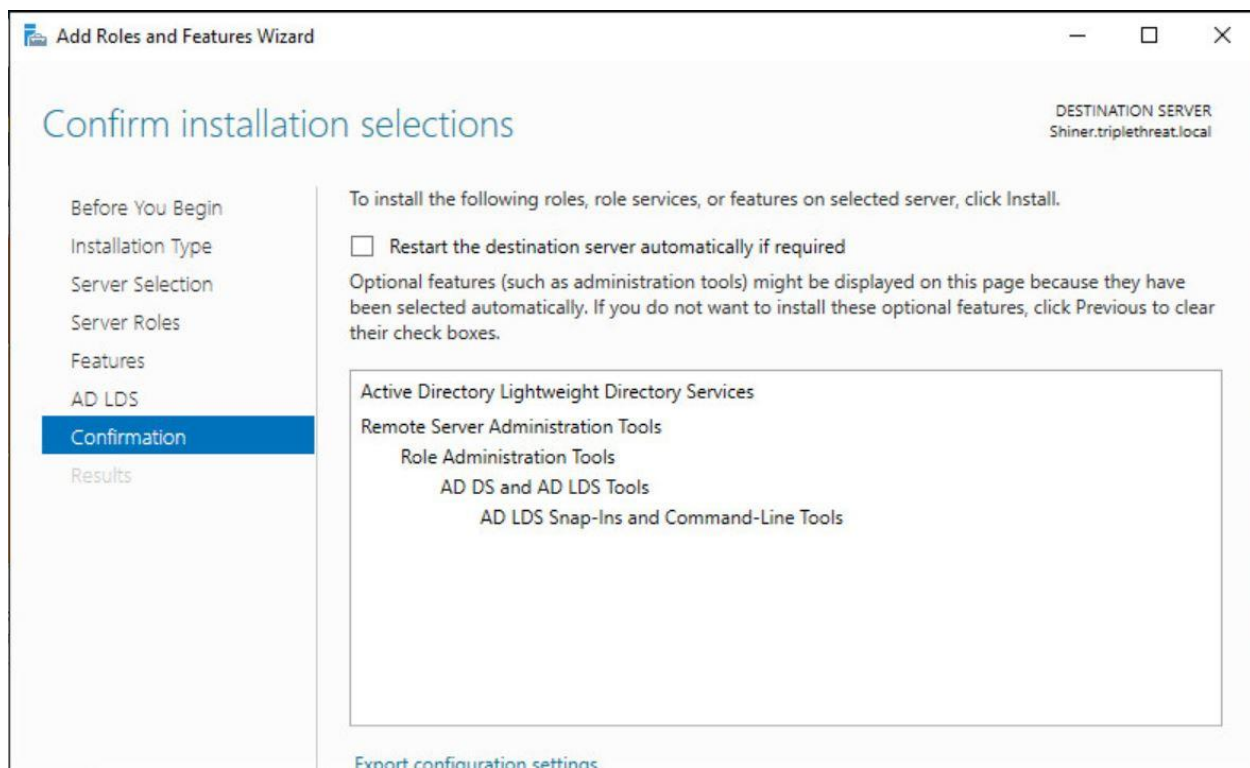14. We choose Role-based installation.
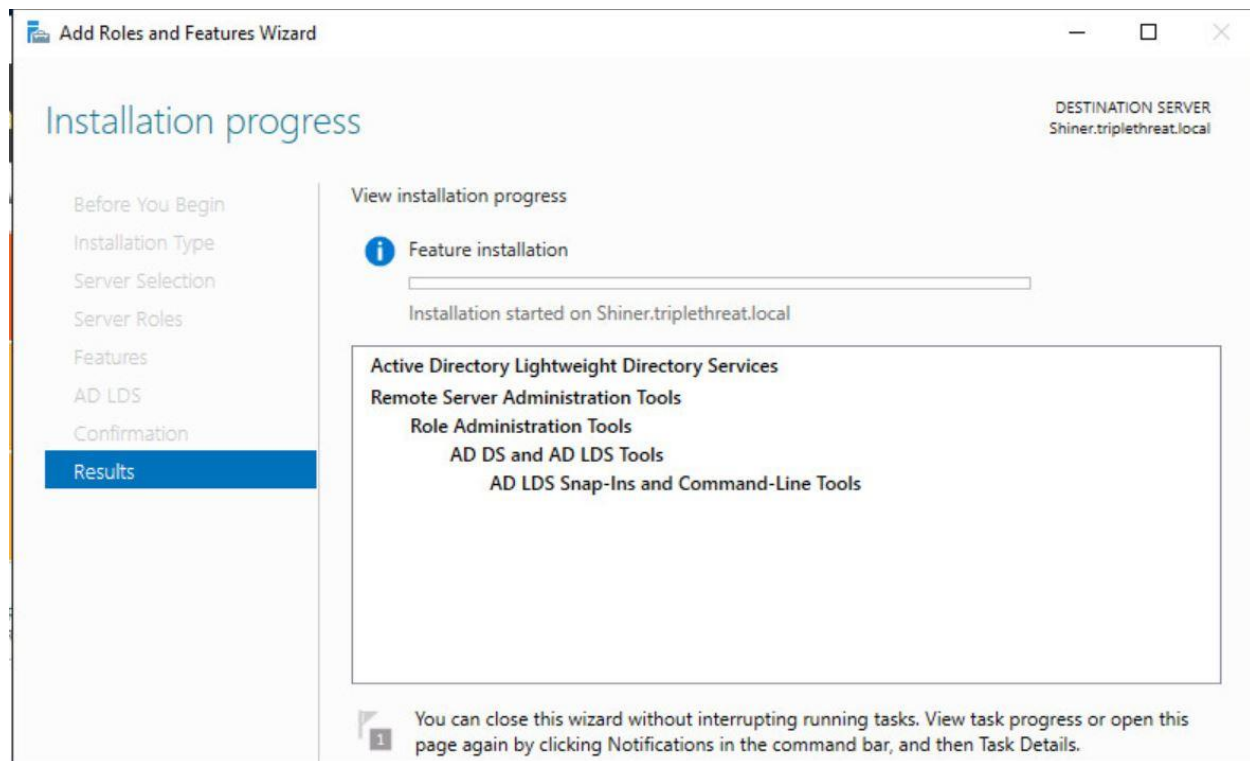

15. We select a server from the server pool.

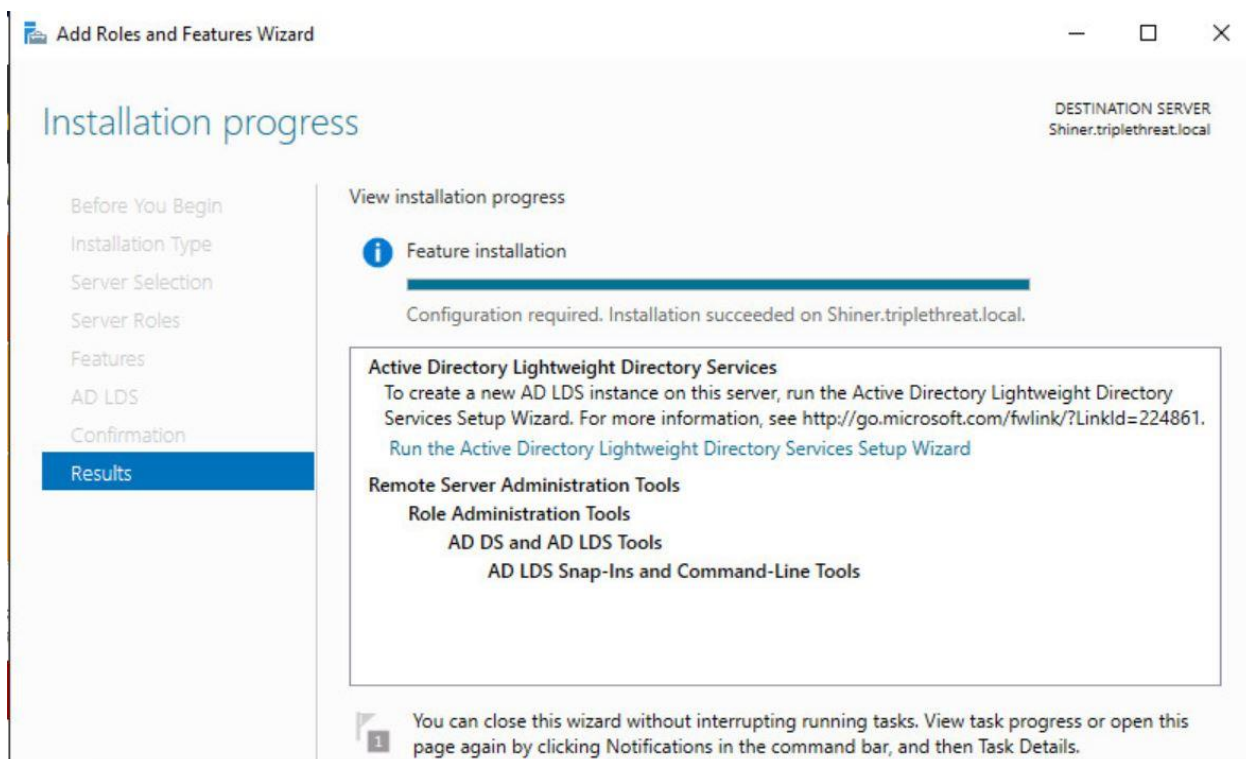16. We select Active Directory Lightweight Directory Services.

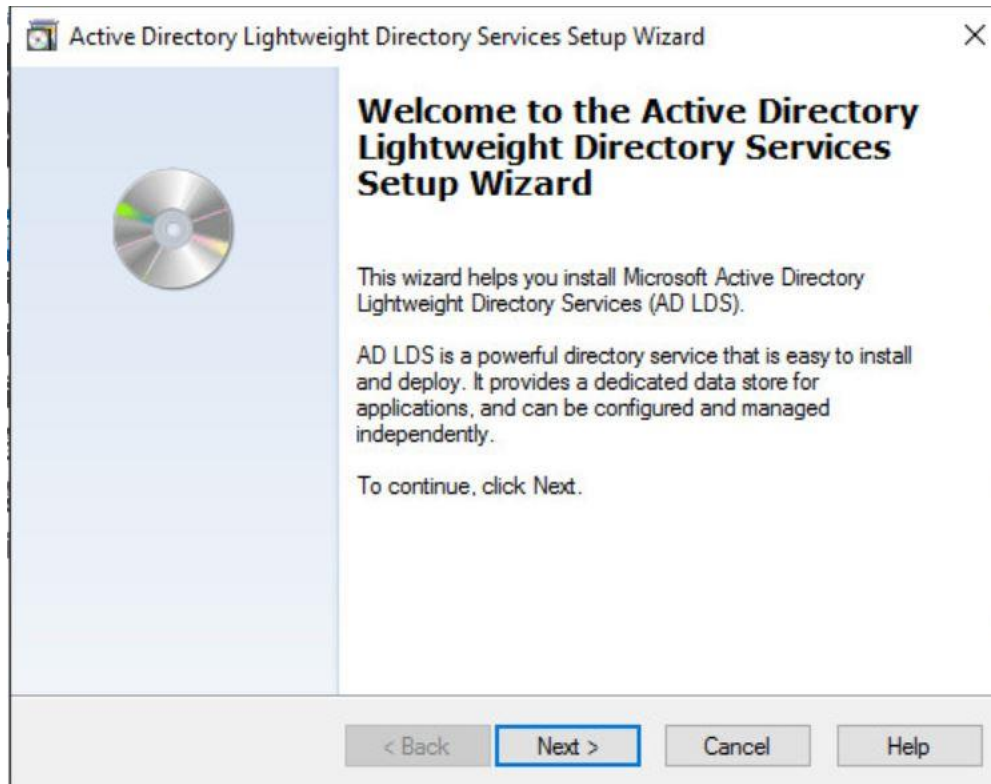17. We then check our roles, role service and features and then install.
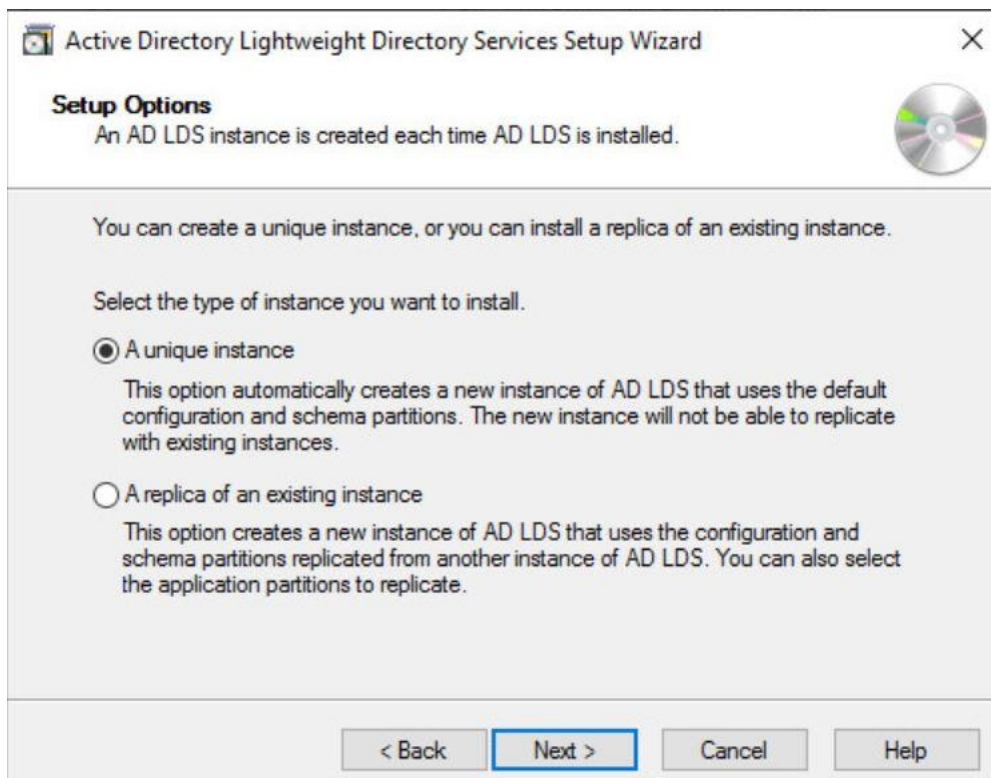
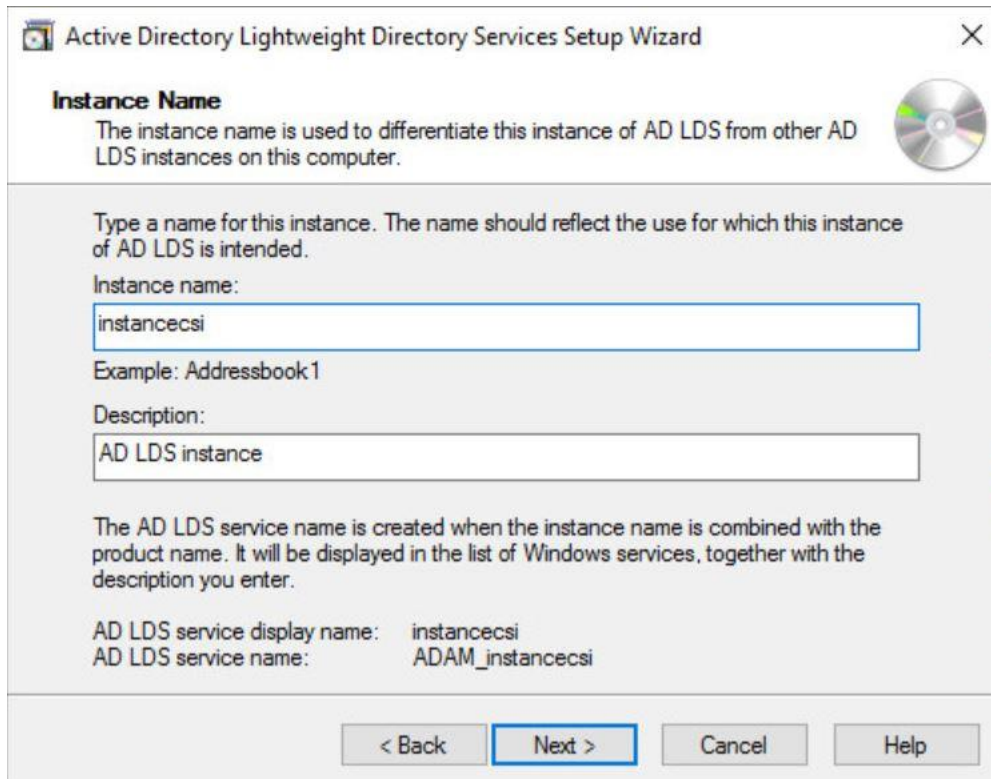18. It is now installing.

19. Installation of AD LDS Role complete.

20. Now we are going to create a AD LDS Instance.

21. We choose to set up a unique instance.

22. We name our instance.

23. We choose our port numbers.

24. We create and name a new Application Directory Partition.

Active Directory Lightweight Directory Services Setup Wizard   ✕

Application Directory Partition
An application directory partition stores application-specific data.

Do you want to create an application directory partition for this instance of AD LDS?

○ No, do not create an application directory partition

   Select this option if the application that you plan to install creates an application directory upon installation, or if you plan to create one later.

⦿ Yes, create an application directory partition

   Select this option if the application that you plan to install does not create an application directory partition upon installation. A valid partition name is any distinguished name that does not already exist in this instance. Example distinguished name:
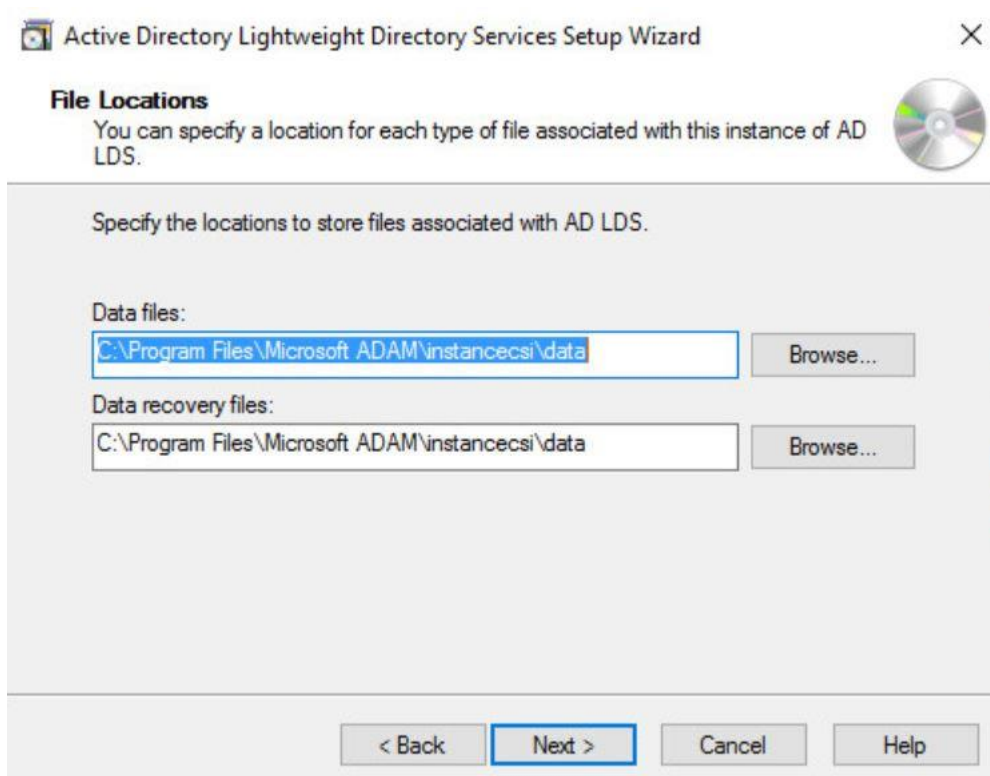   CN=Partition1,DC=Woodgrove,DC=COM

Partition name:
CN=USERS,DC=TRIPLETHREAT,DC=LOCAL

[< Back] [Next >]   [Cancel] [Help]

25. We use the default storage locations.

Active Directory Lightweight Directory Services Setup Wizard   ✕

File Locations
You can specify a location for each type of file associated with this instance of AD LDS.
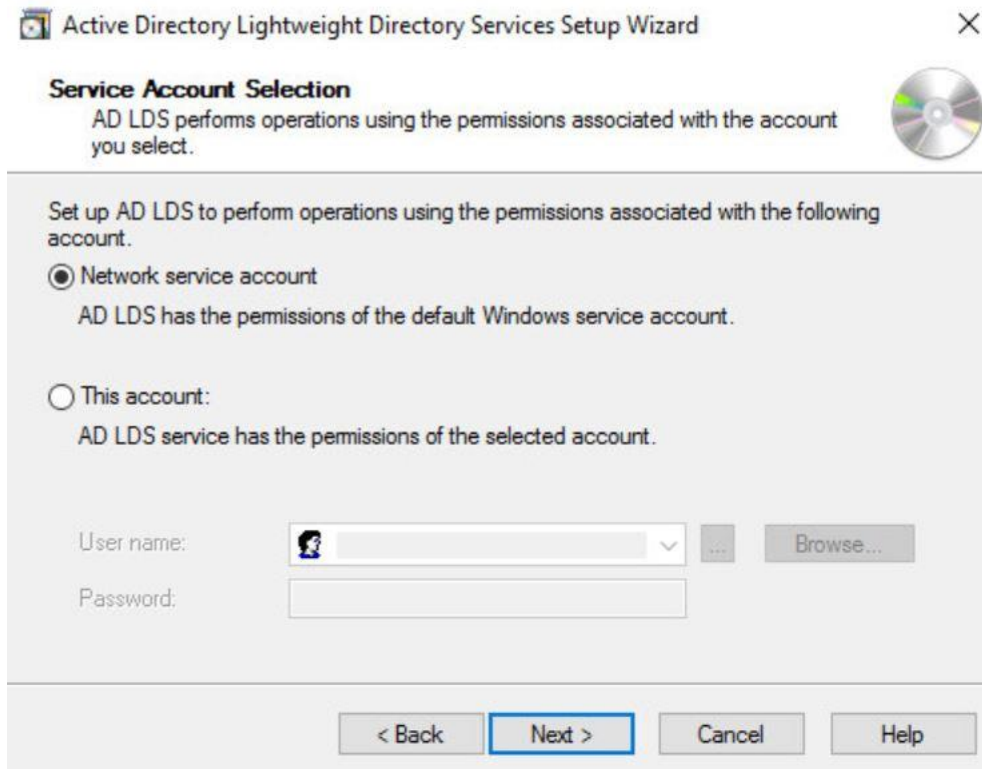
Specify the locations to store files associated with AD LDS.

Data files:
C:\Program Files\Microsoft ADAM\instancecsi\data   [Browse...]

Data recovery files:
C:\Program Files\Microsoft ADAM\instancecsi\data   [Browse...]
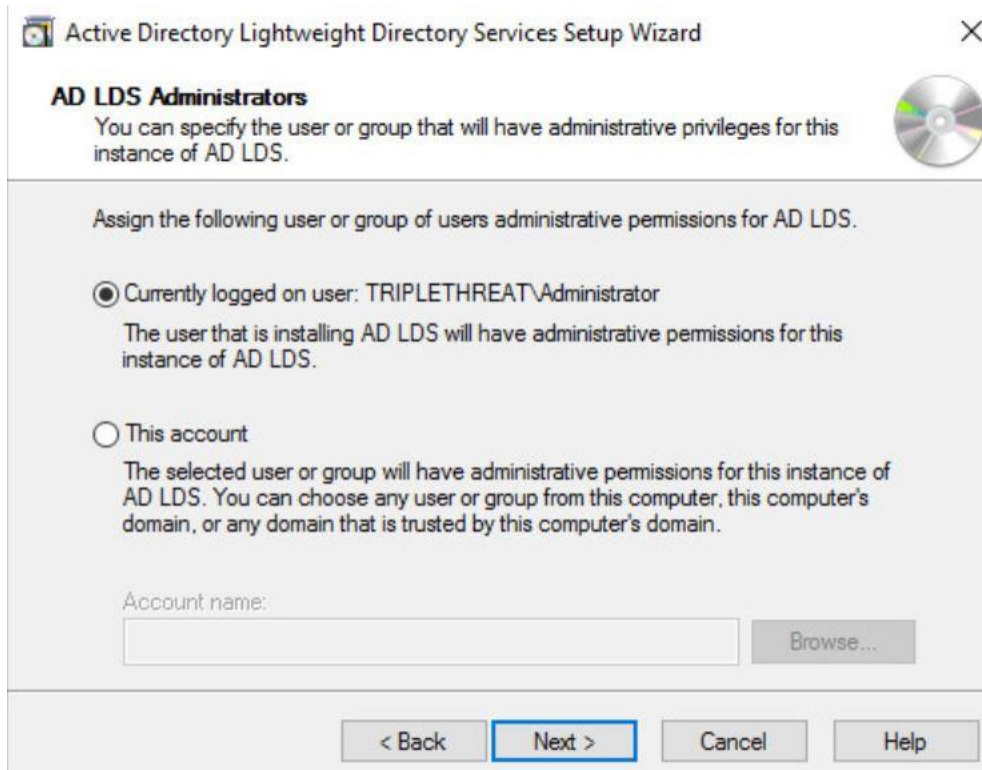
[< Back] [Next >]   [Cancel] [Help]

26. We choose network service account for running AD LDS Service.

27. We choose the currently logged in user as an admin to for the AD LDS Instance.

28. Marked all LDIF files to import.
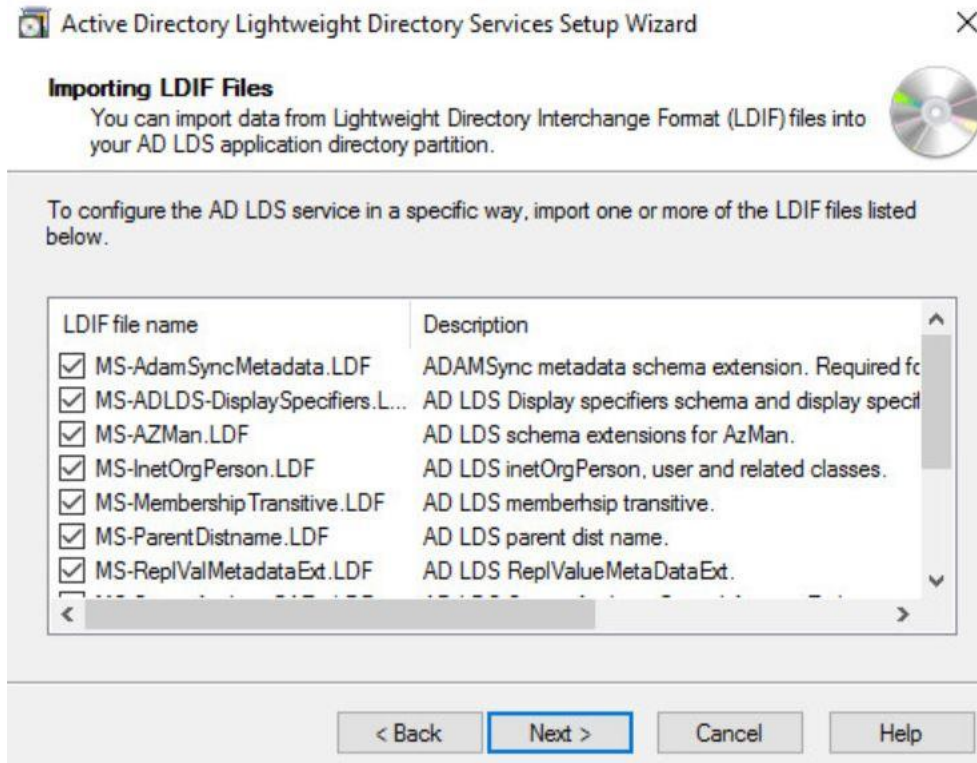
29. Verify our selections and install.
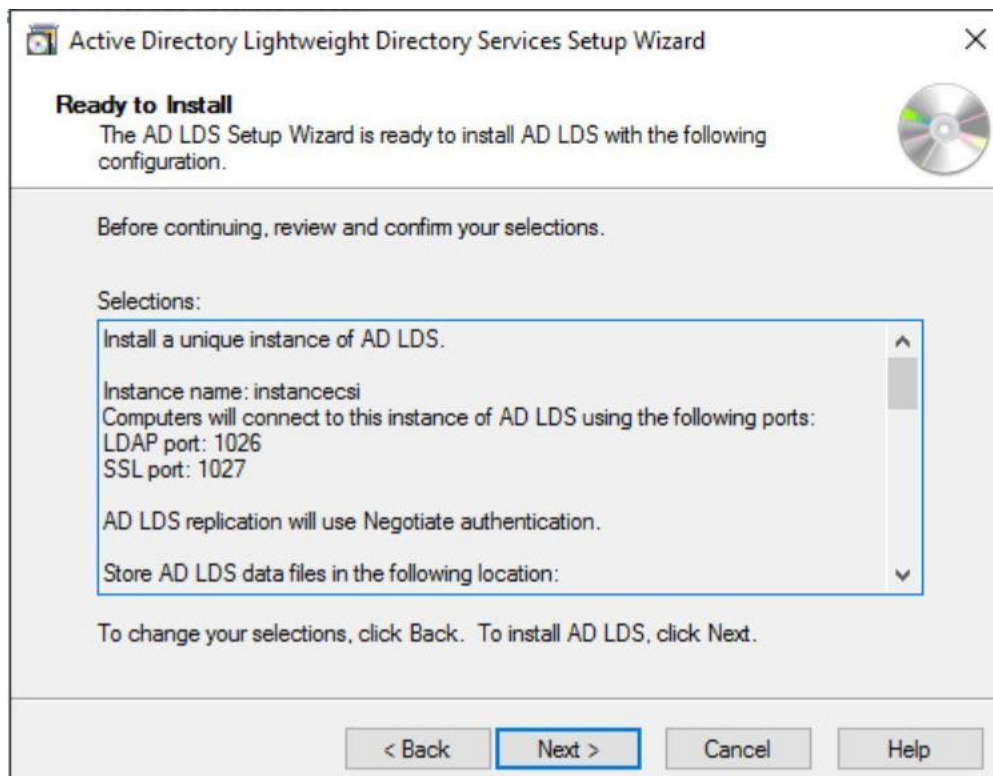
30. AD LDS is installing.
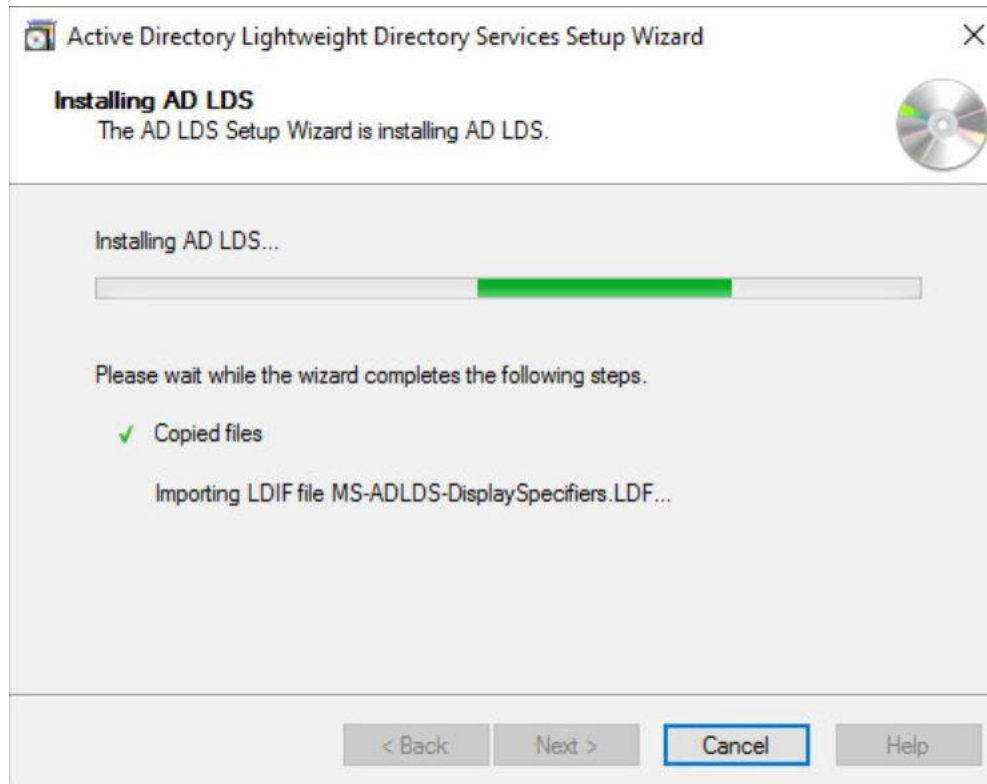
31. AD LDS is installed.
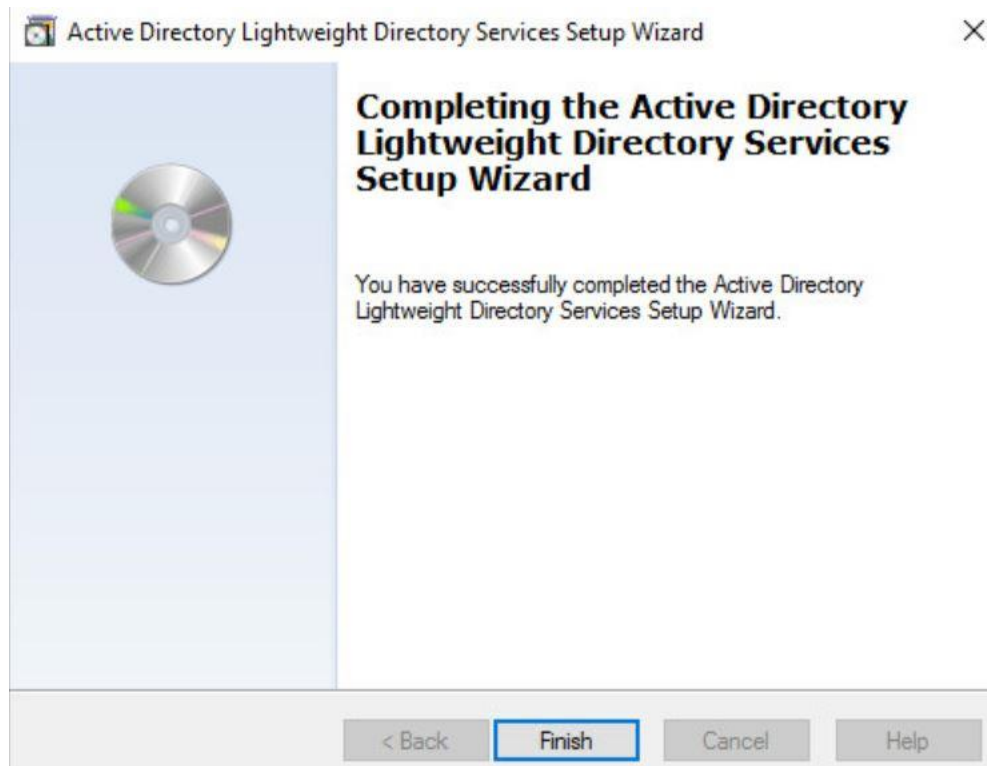
32. We pick ADSI from the menu and open it. Then we choose to connect.
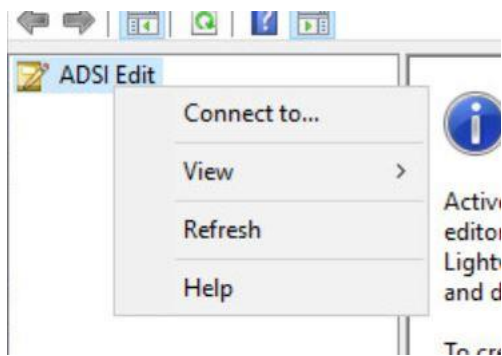
33. We fill out the following.
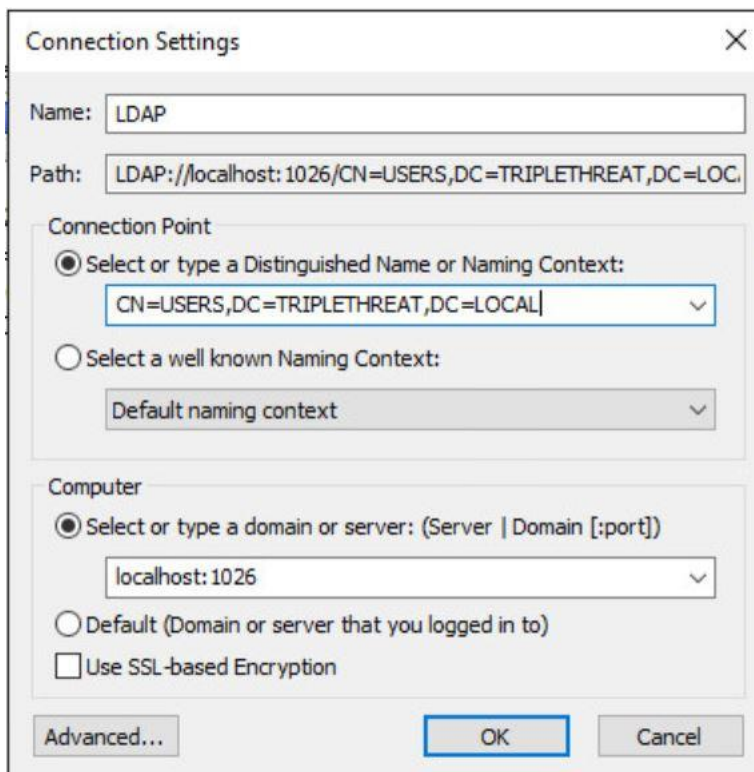
34. The connection is successful.
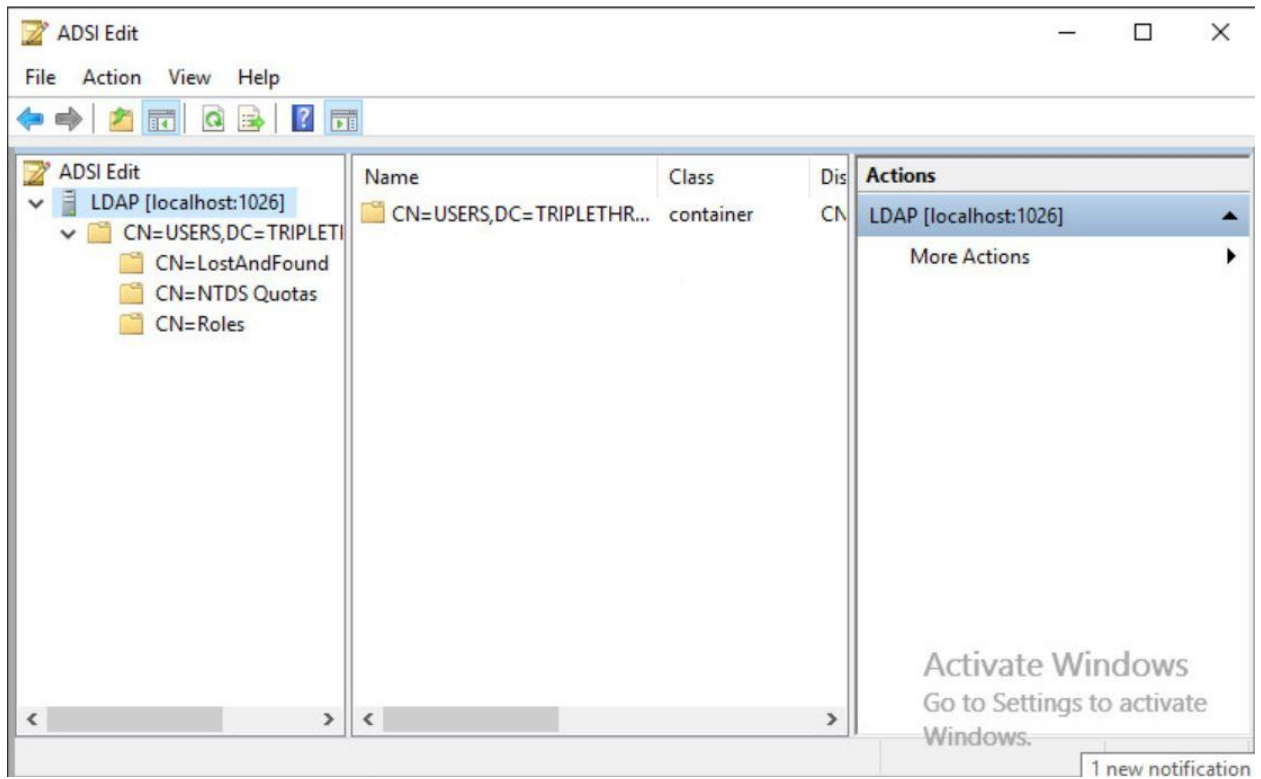
35. We add users got to Active directory, right click on users New -> User. Fill out user info with name and password.

36. Check everything is correct and finish.
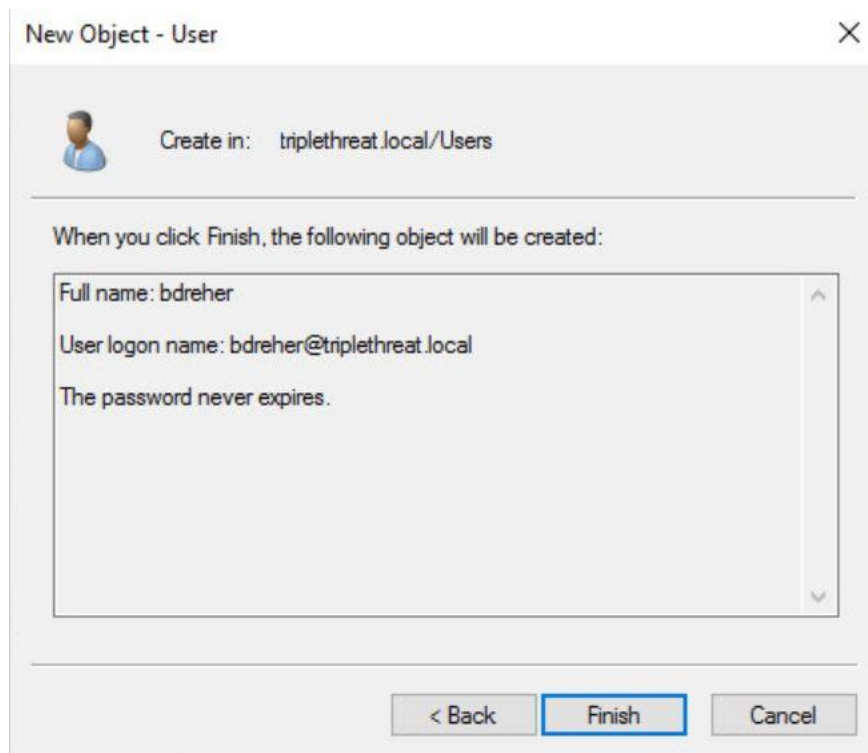
37. Then right click said users and select properties and click the Member Of tab. Then added in Administrators group click Check names and ok and add.
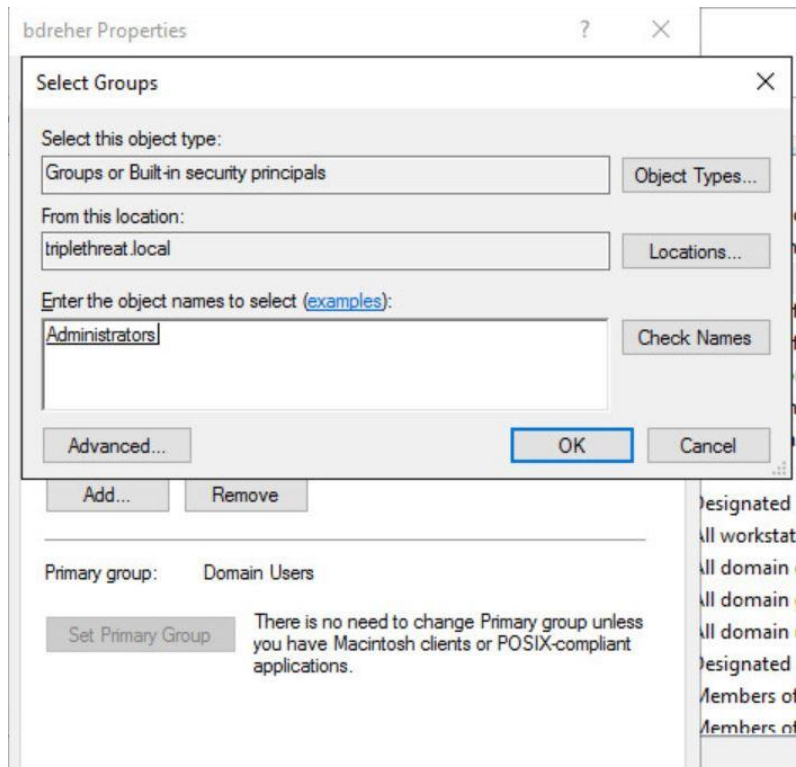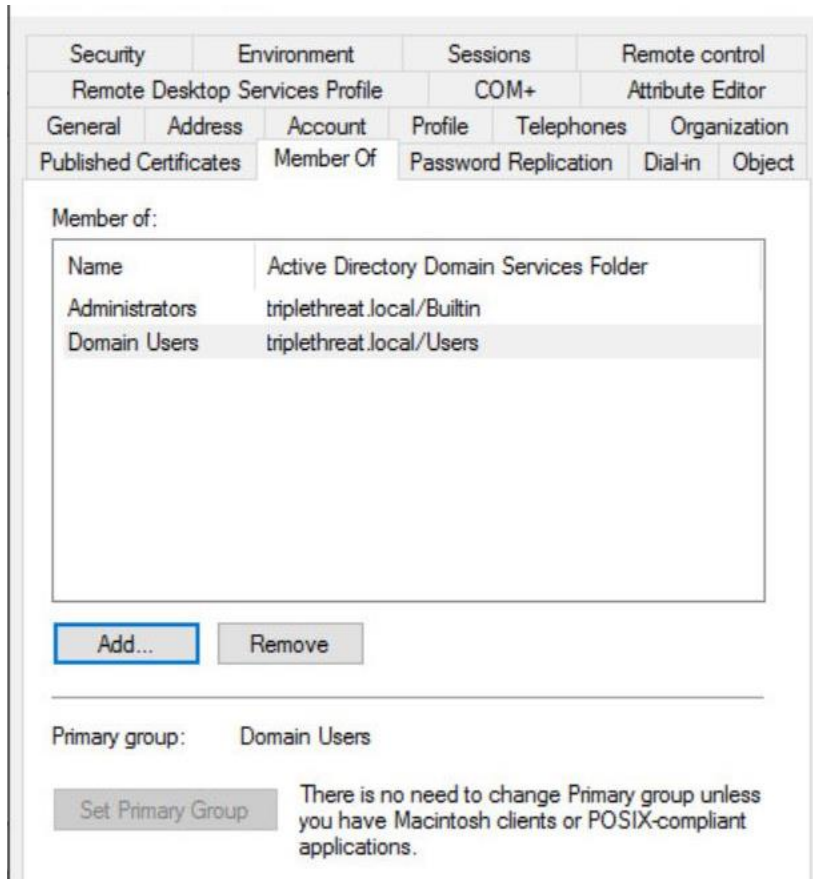
38. Users appear in Users section, bdreher, kkurowski, and meshiner.

39. Our other computers appeared in active directory.

40. Allowed for remote connections to computer.

41. Put all users in the Remote Desktop Users group.

bdreher Properties   ?   ✕

Security	Environment	Sessions	Remote control
Remote Desktop Services Profile		COM+	Attribute Editor

General	Address	Account	Profile	Telephones	Organization

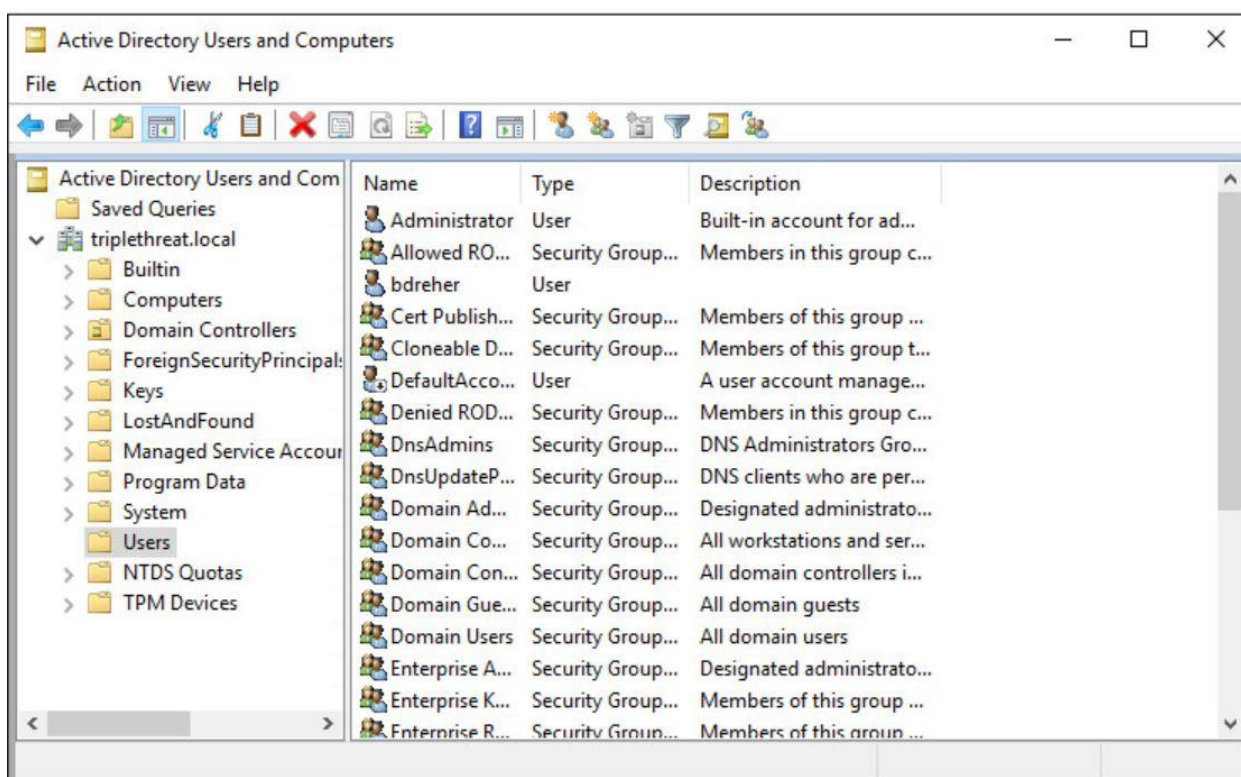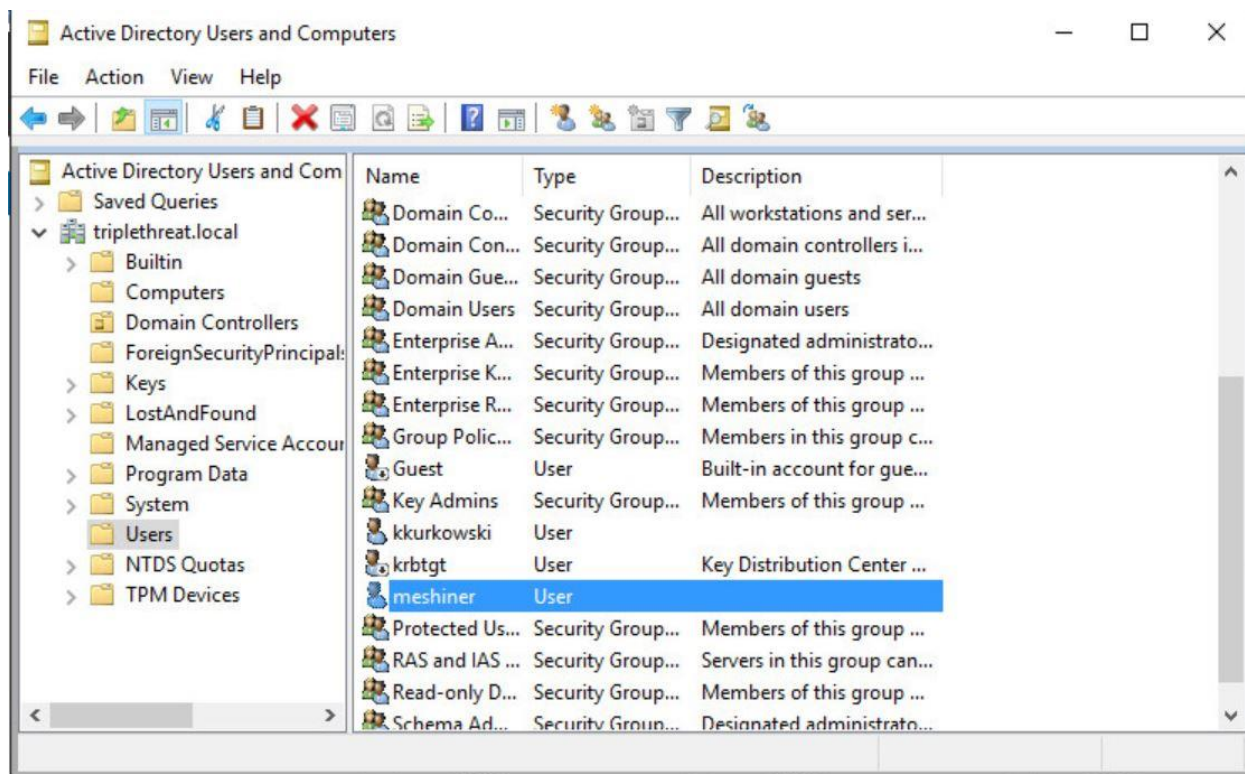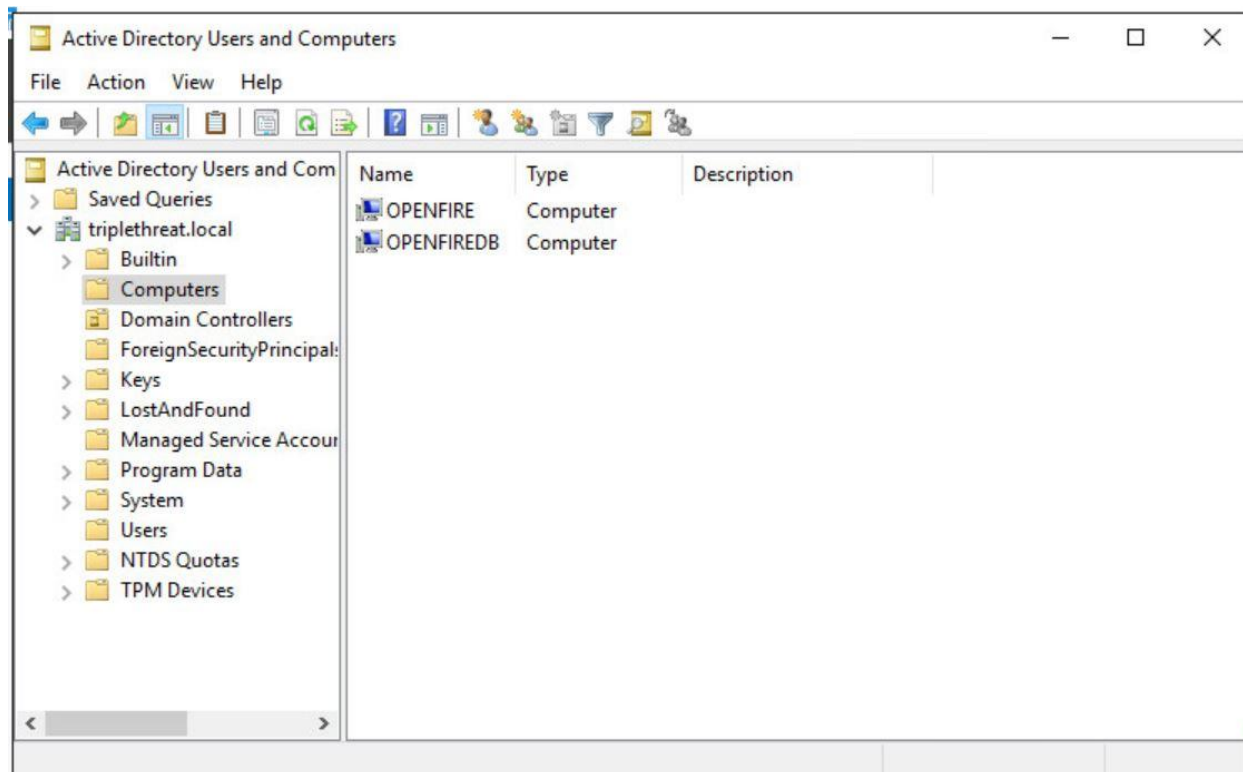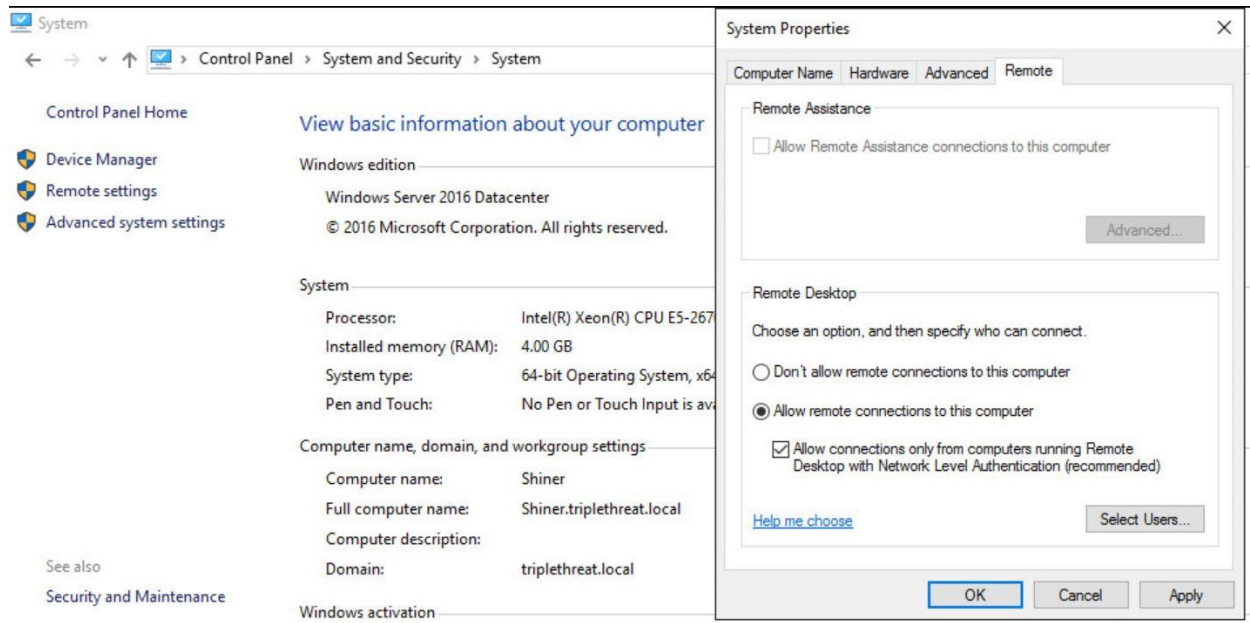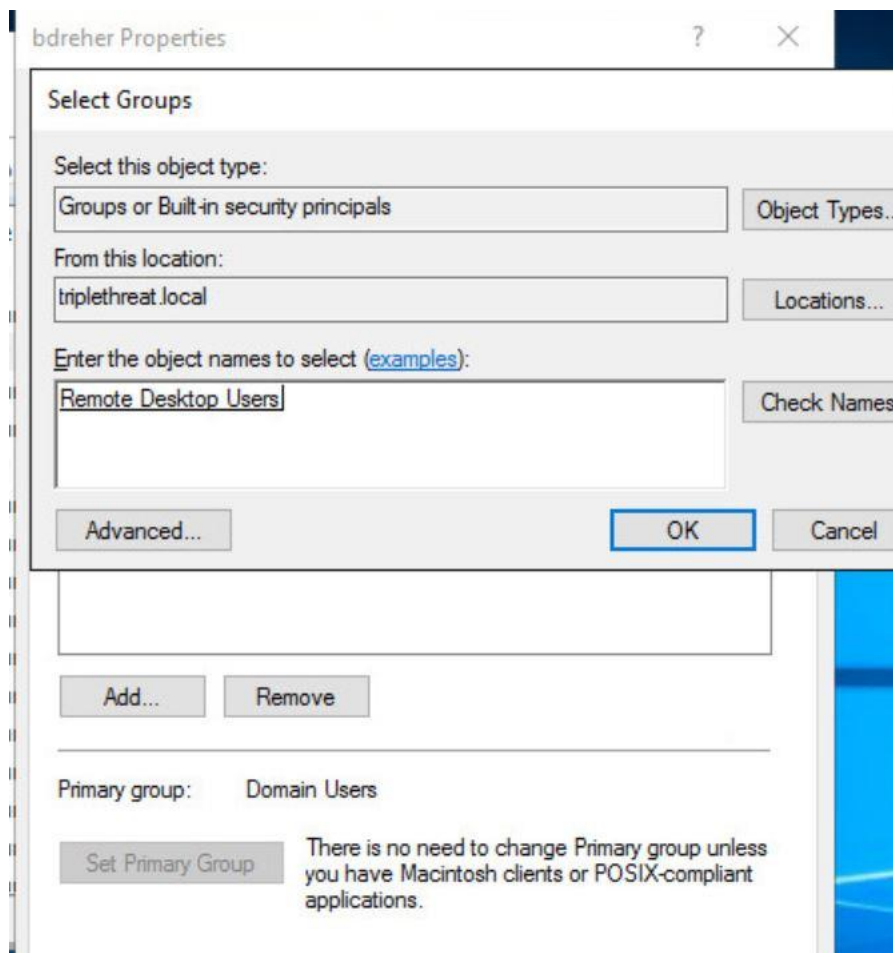| Published Certificates	Member Of	Password Replication	Dial-in	Object

Member of:

Name	Active Directory Domain Services Folder
Administrators	triplethreat.local/Builtin
Domain Users	triplethreat.local/Users
Remote Desktop ...	triplethreat.local/Builtin

[Add...] [Remove]

Primary group: Domain Users

[Set Primary Group]   There is no need to change Primary group unless you have Macintosh clients or POSIX-compliant applications.