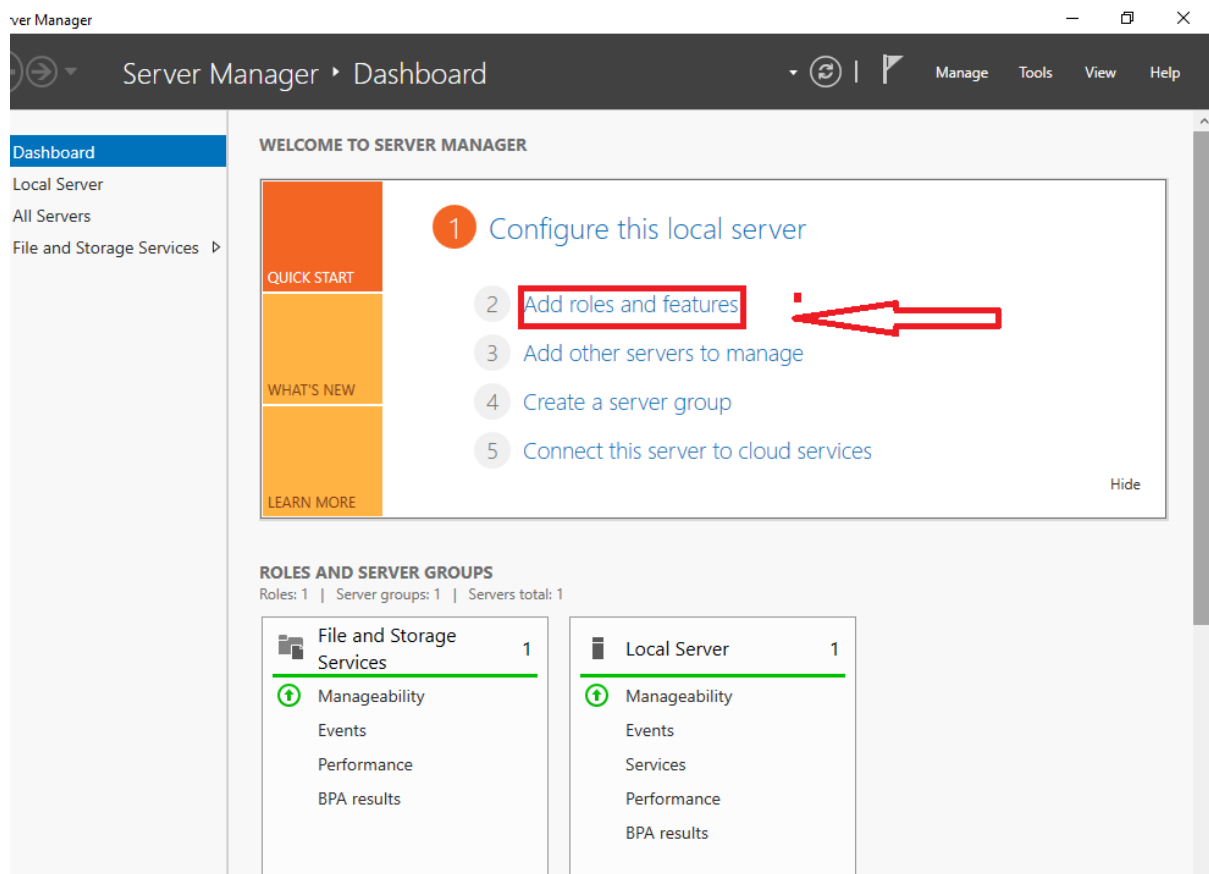


Step-by-Step Technical Guide: Deploying Active Directory Domain Services (AD DS) on Windows Server 2019 Using Hyper-v Lab

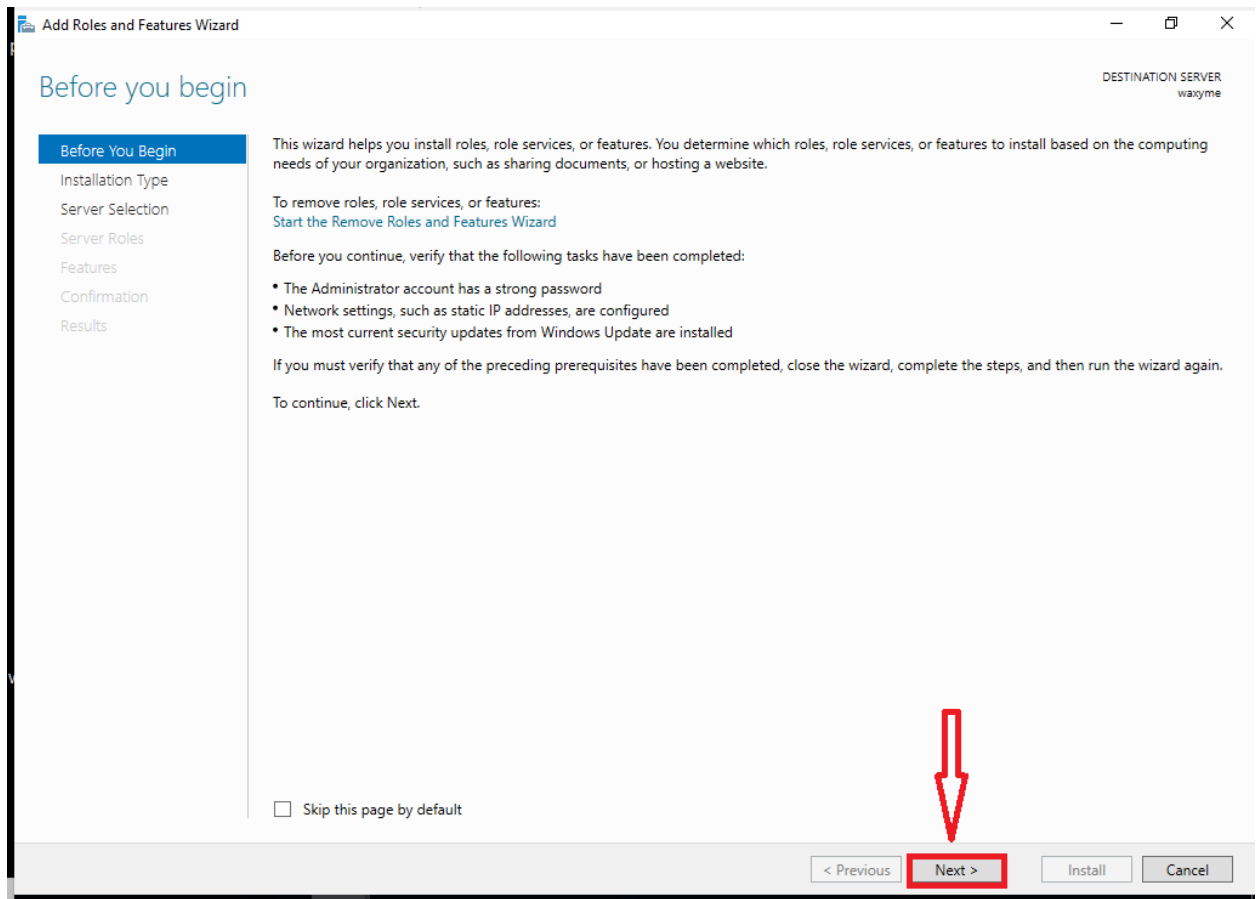
1. Installing the AD DS Role:

→ open your server manager

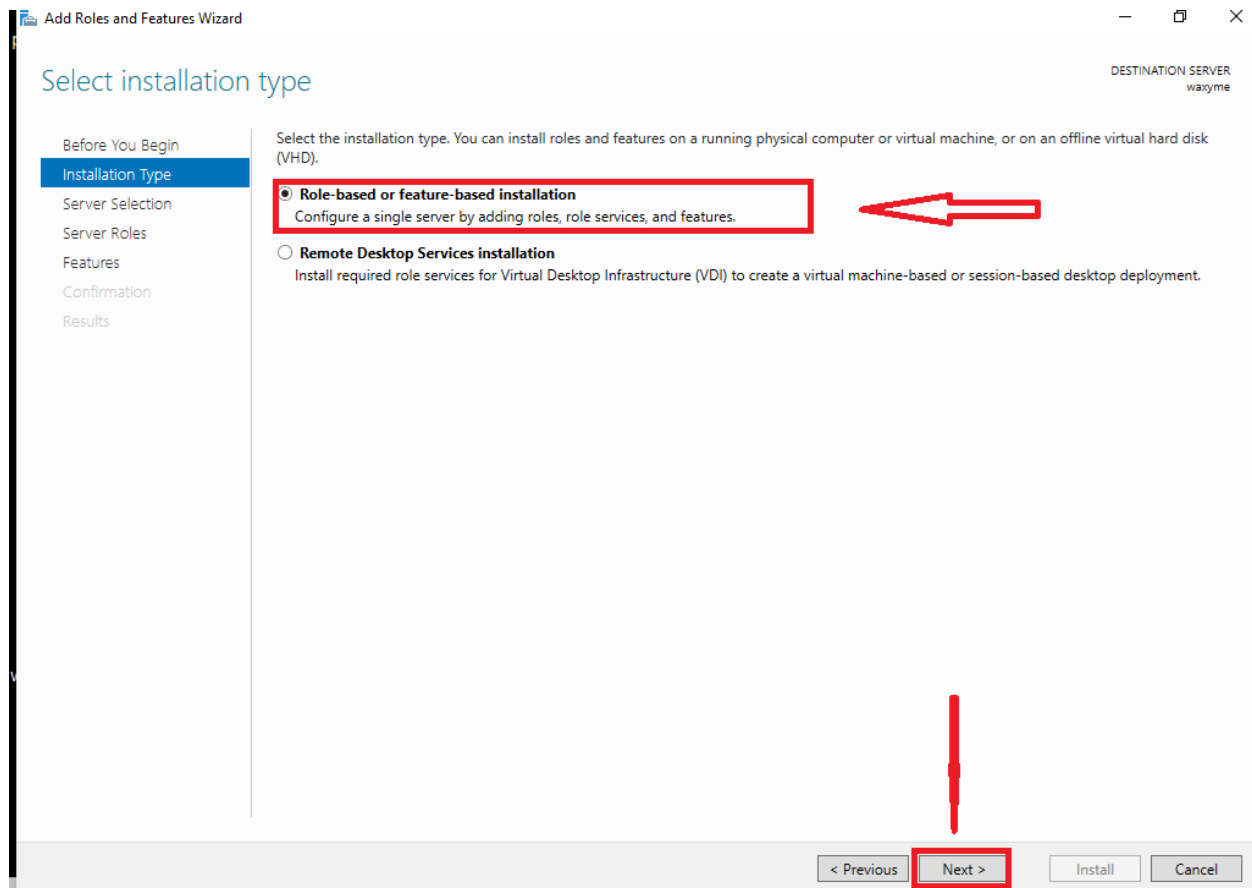
→ select - Add Roles and Features



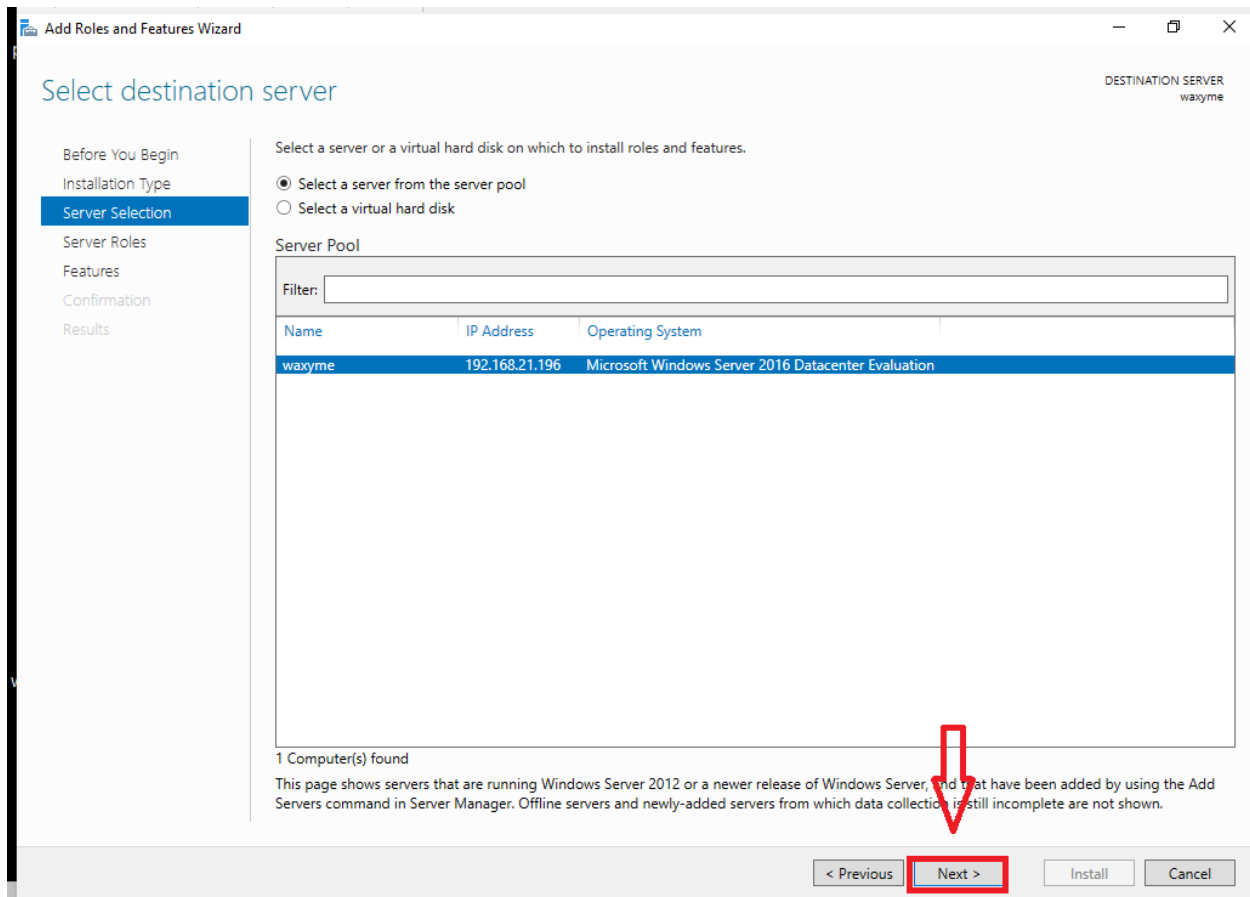
→ In the Wizard- click **Next**



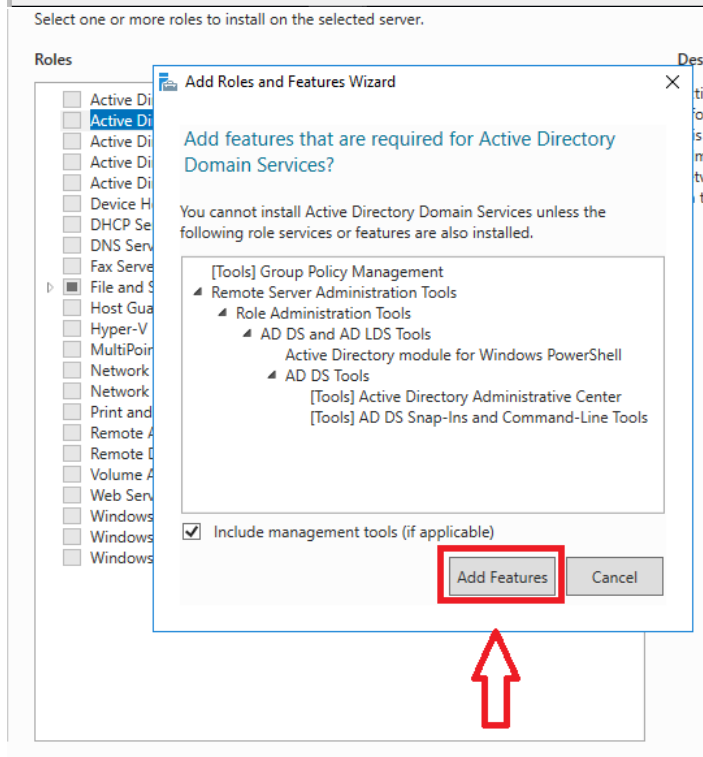
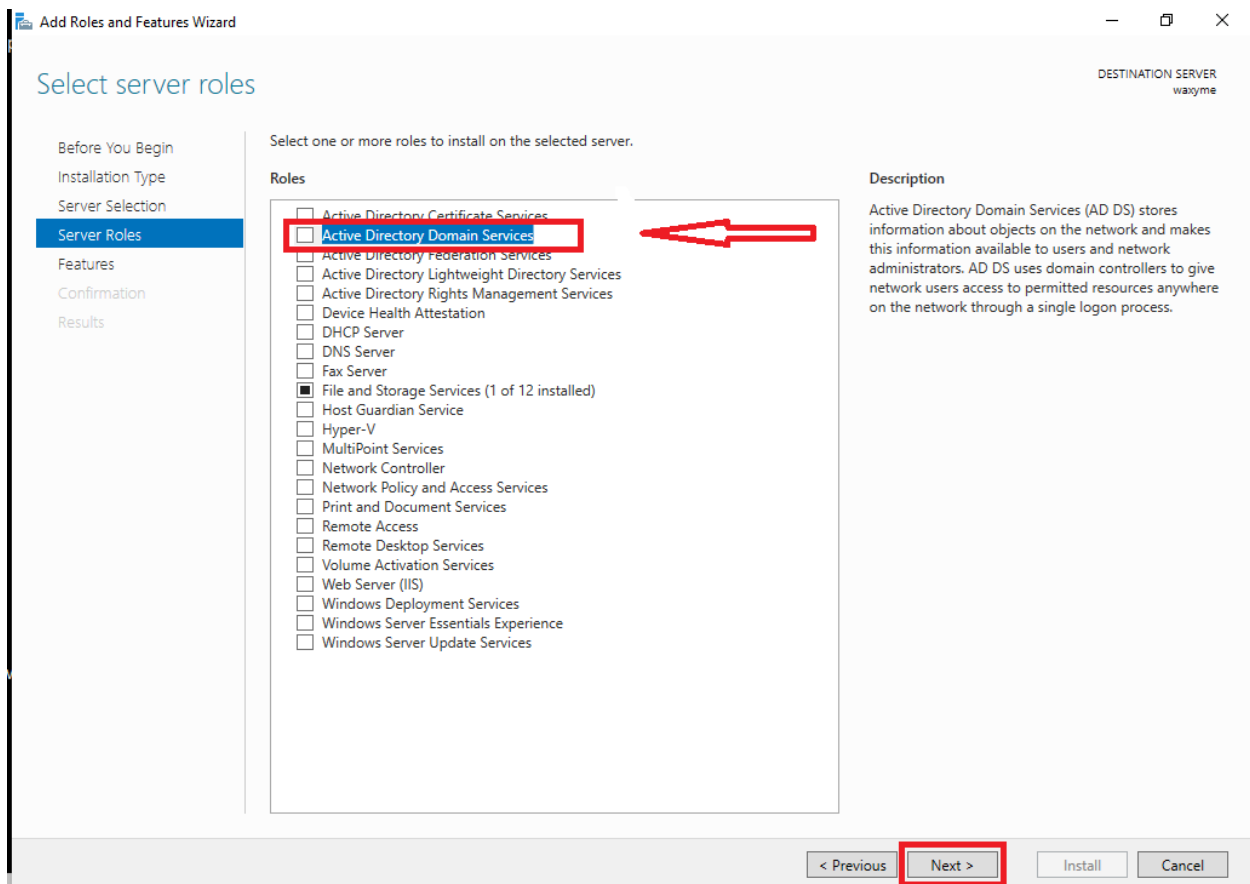
→ select **Role-based** or **Feature-based** and click **Next**



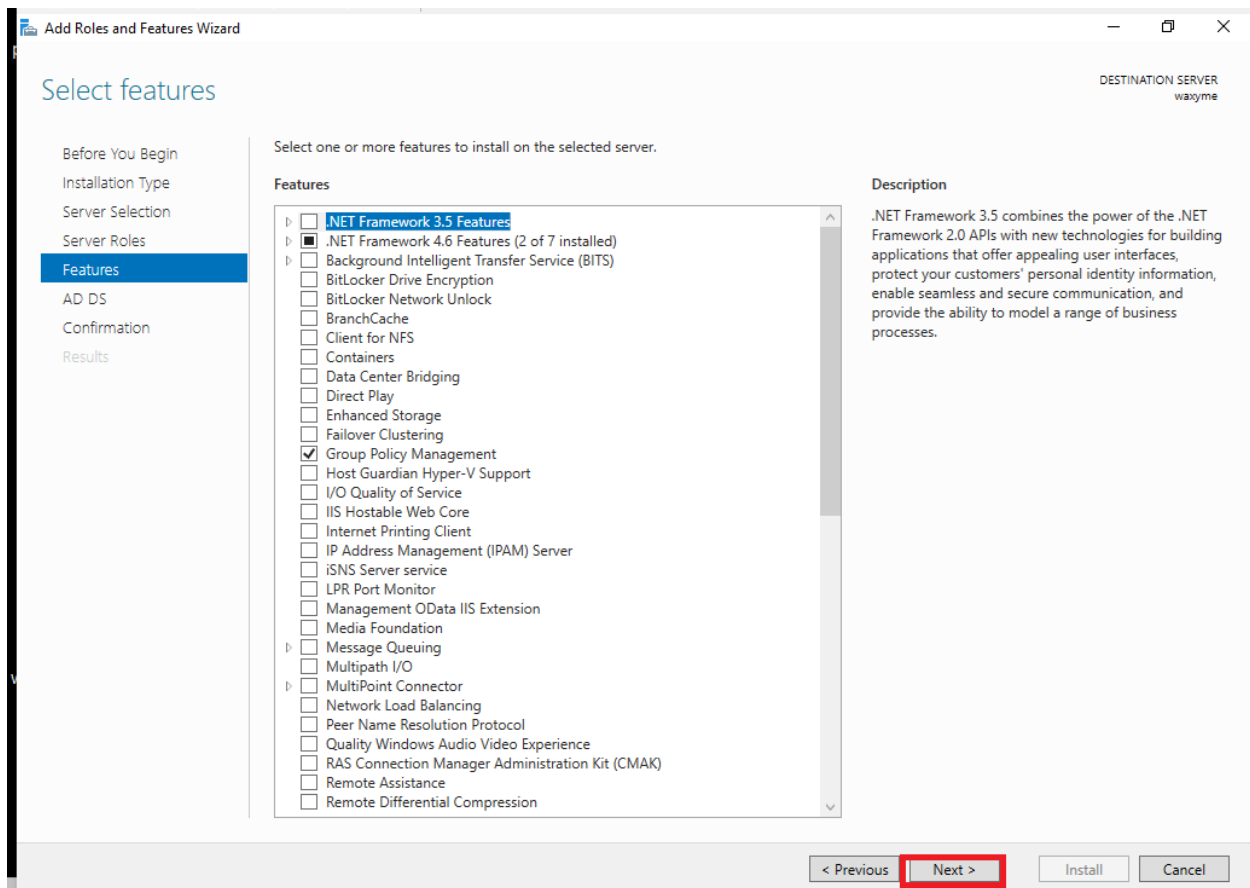
→ choose your **local server** and click **Next**



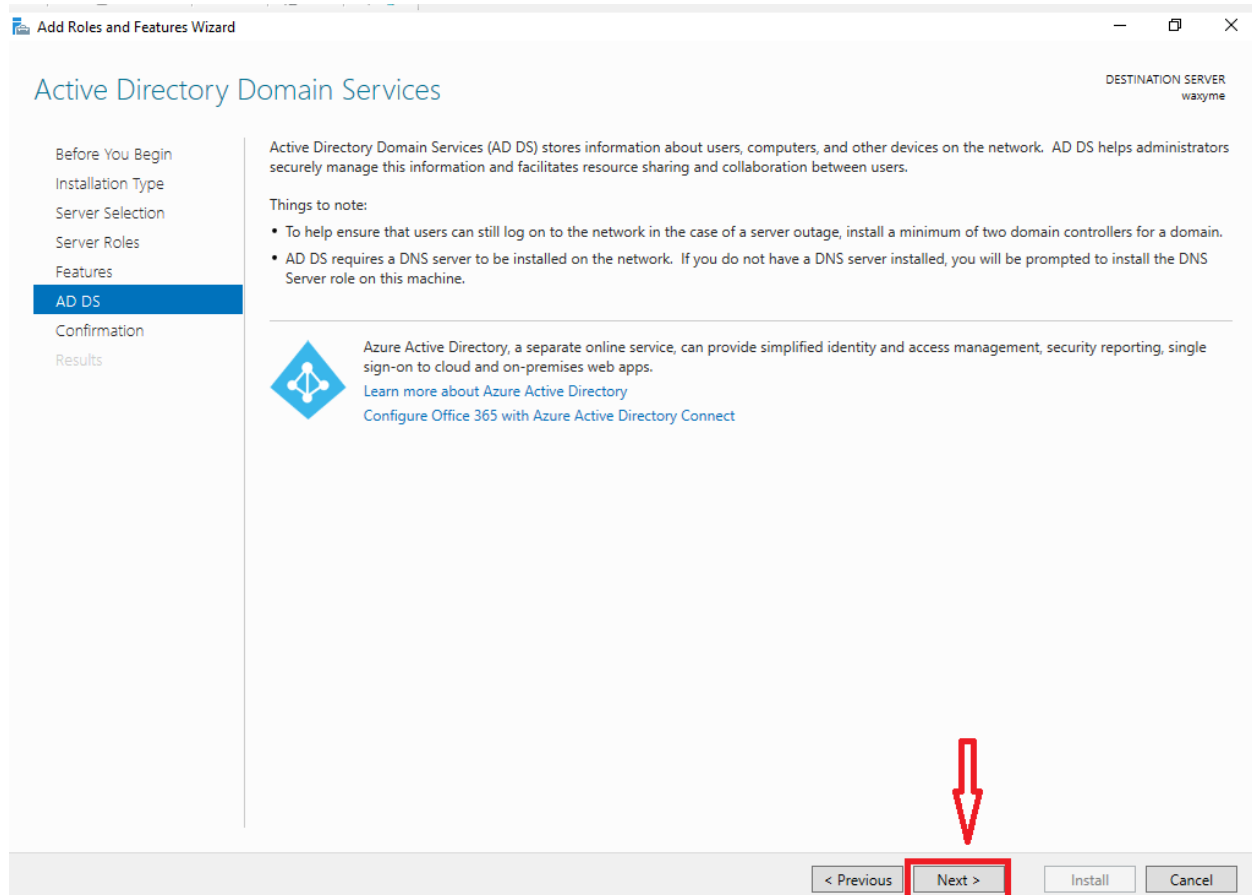
→ select **Active Directory Domain Services** and click the **Add features** console, after which you click **Next**



→ Accept defaults, ensure **Group policy management** is included, and click **next**

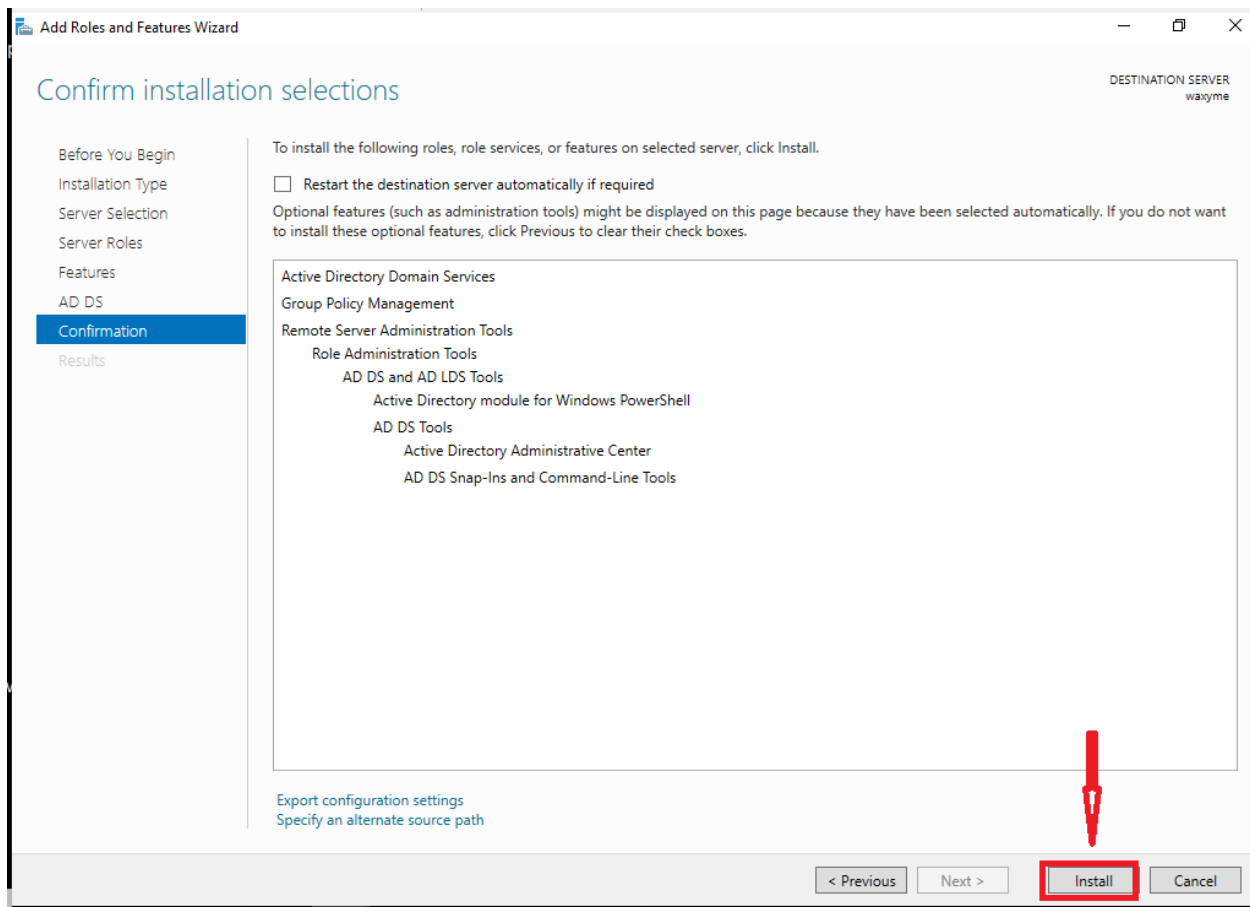


→ Click **Next**



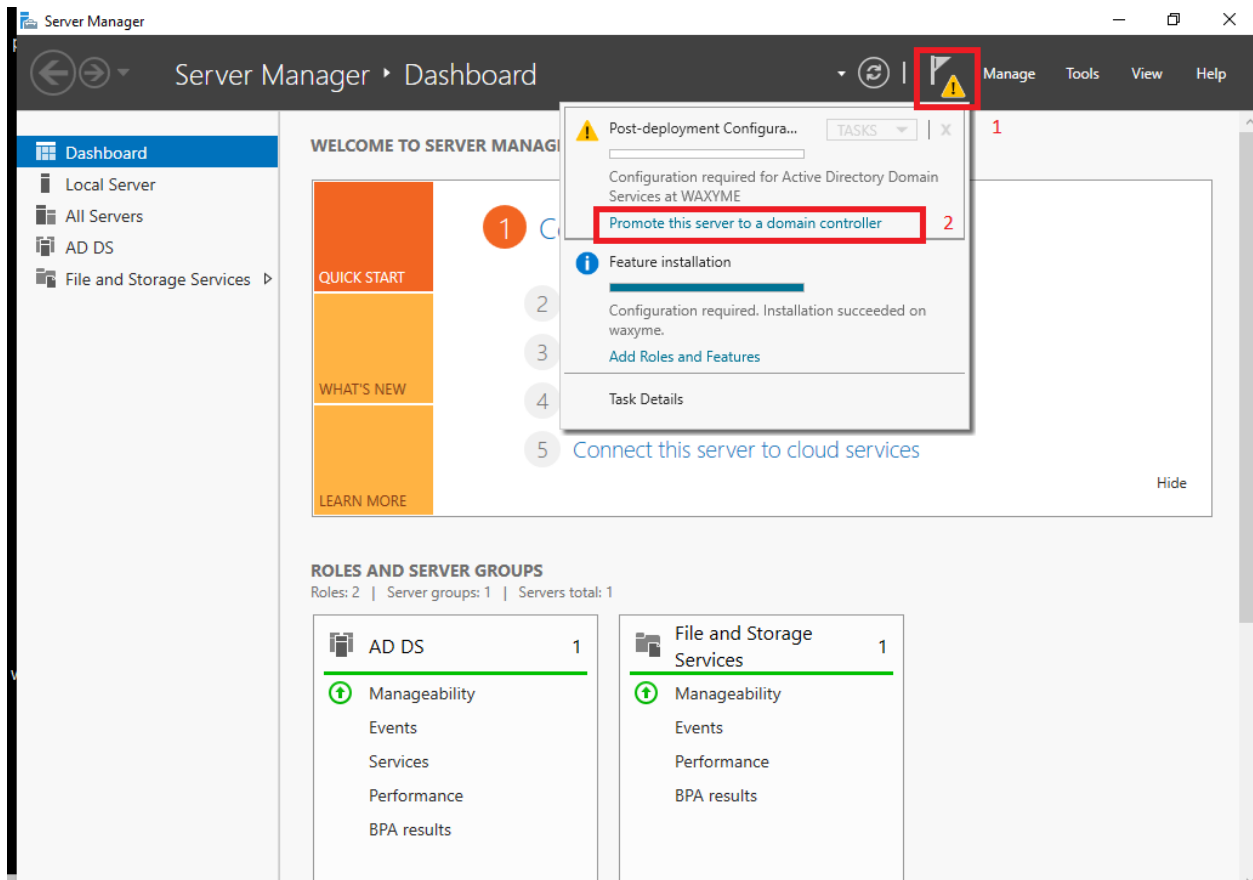
→ Click **Install**

This Installs only the AD DS binaries but doesn't configure the domain yet.

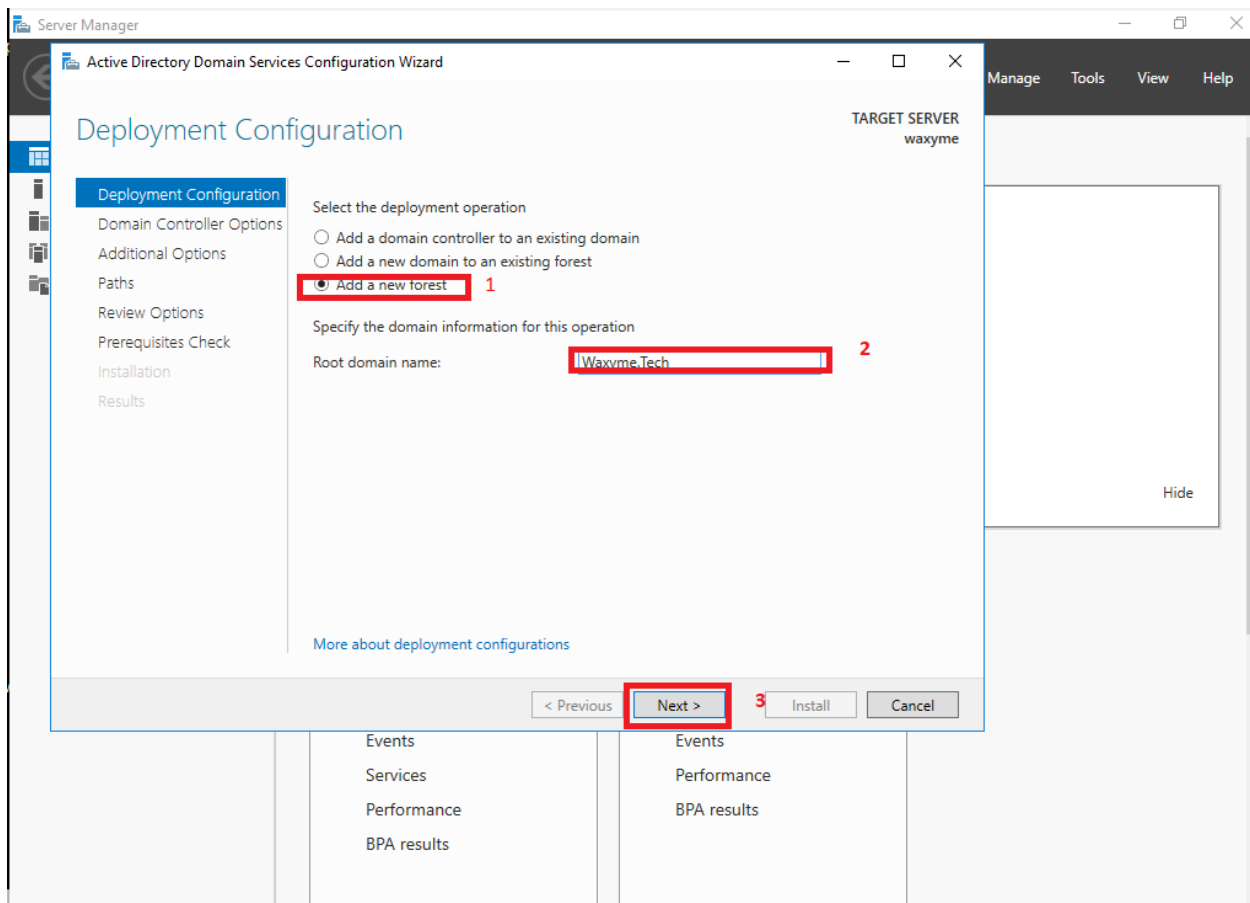


2. Configuring the Domain:

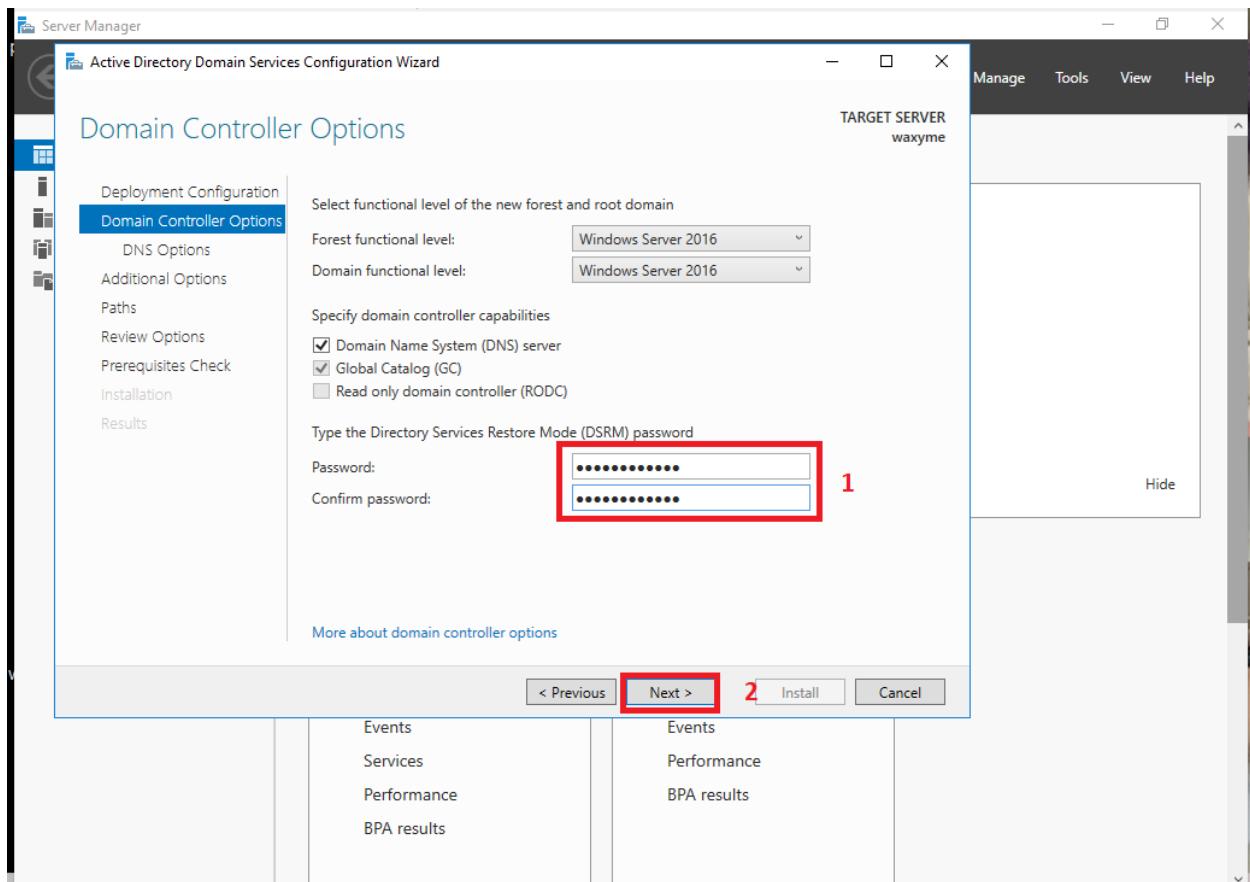
→ In the Server manager, click **promote this server to a domain controller** at the top right side of your server manager where you have the flag sign.

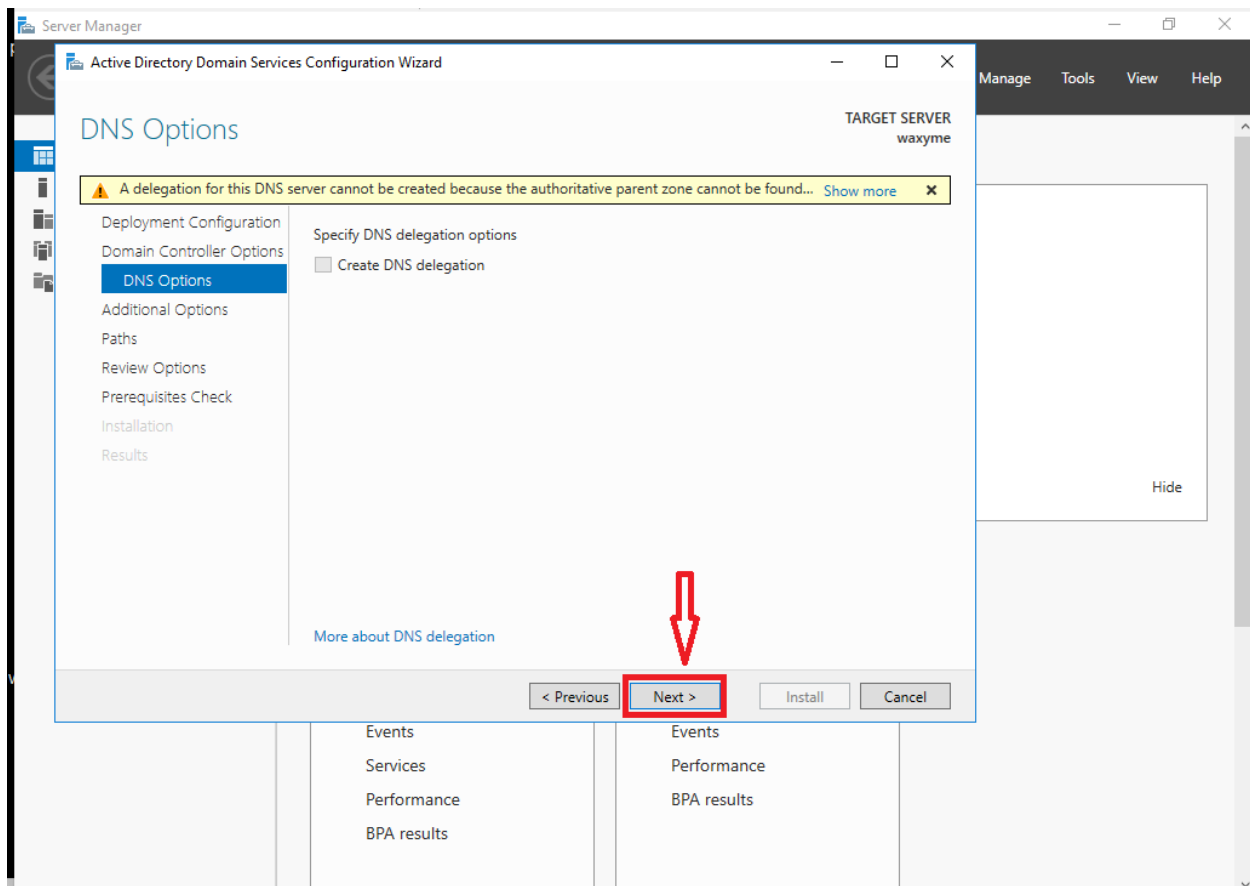


→ Create a new forest: **Waxyme.Tech**

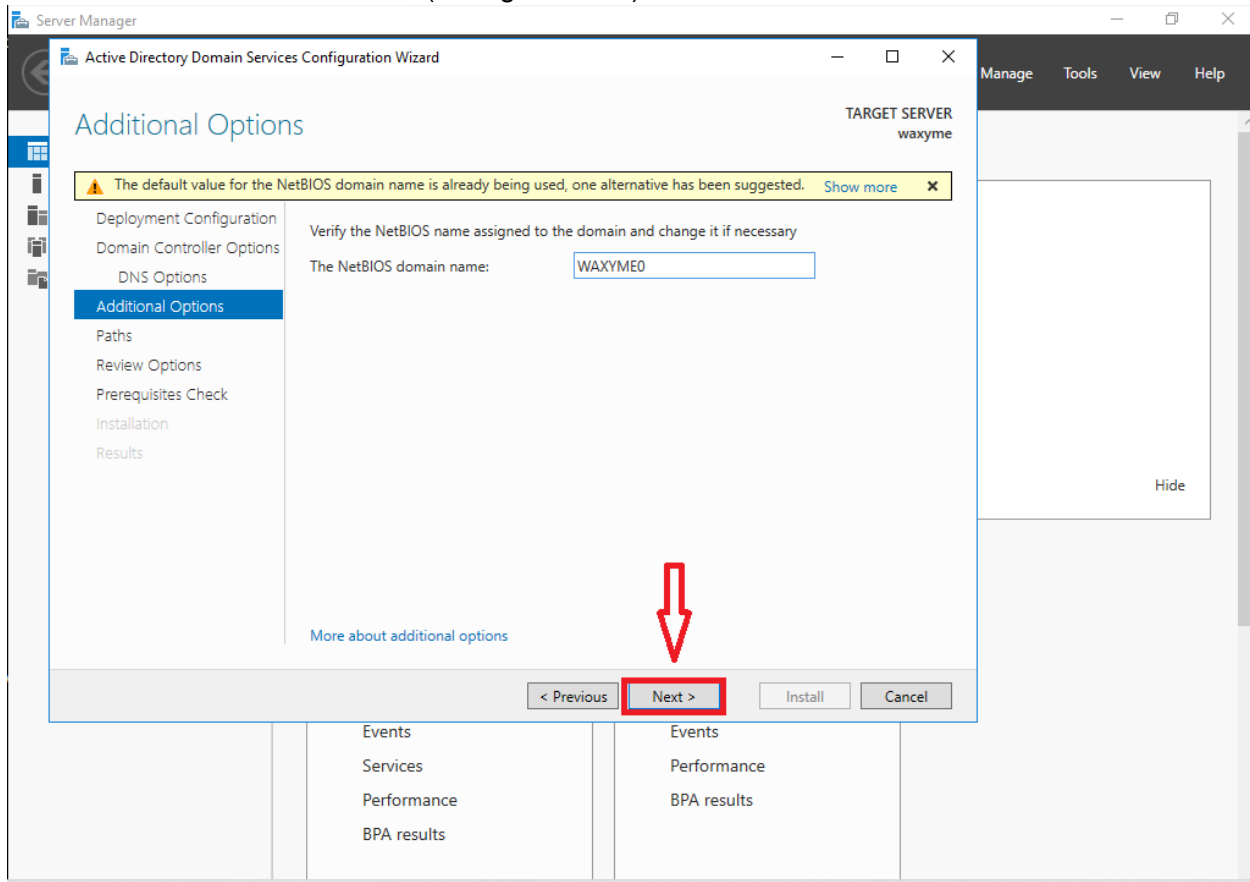


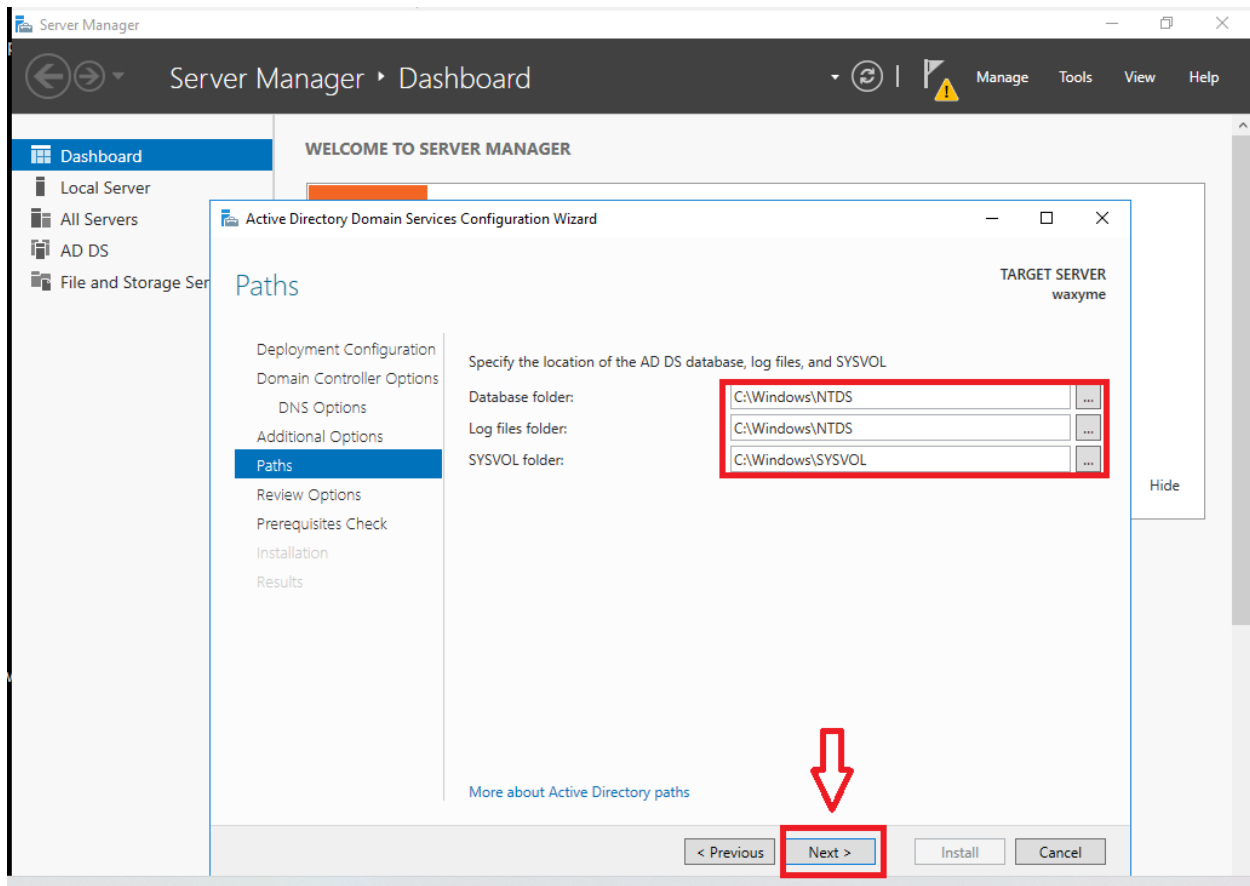
→ set **DSRM** password for recovery



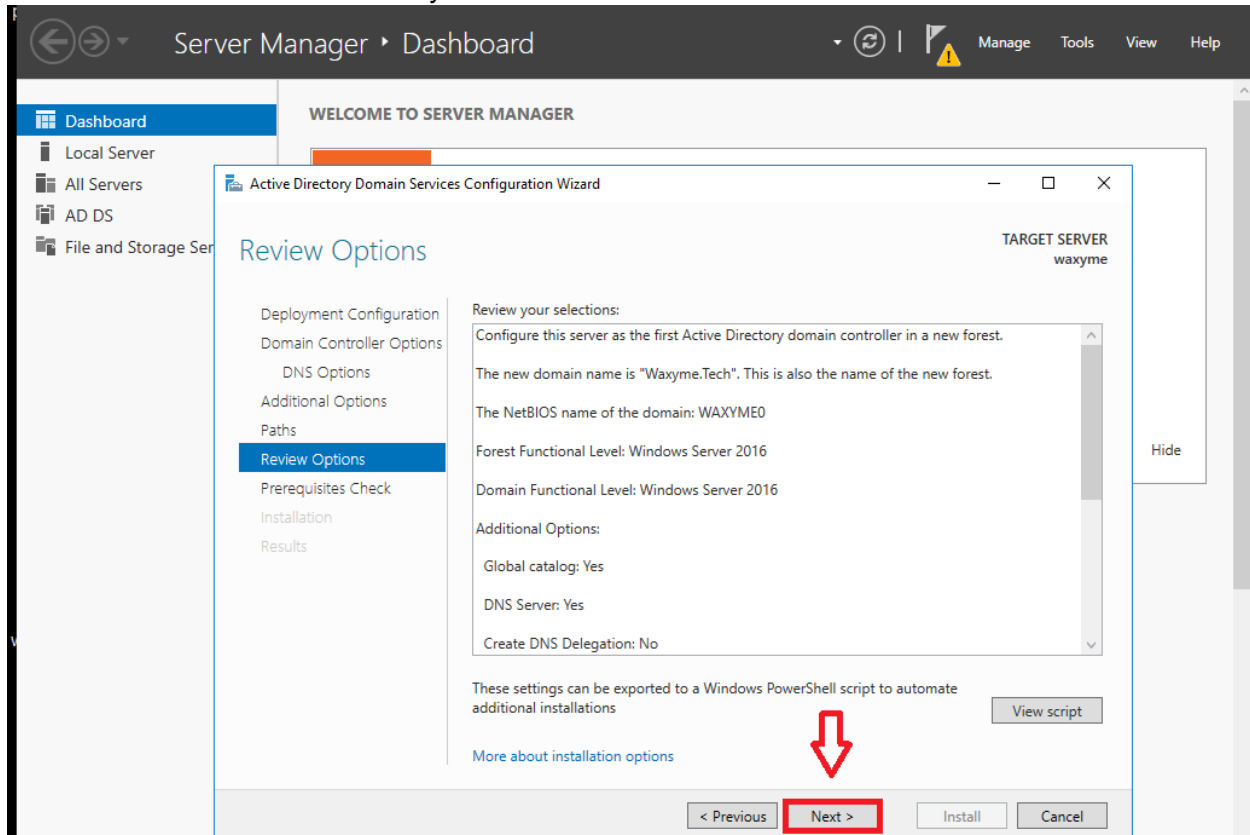


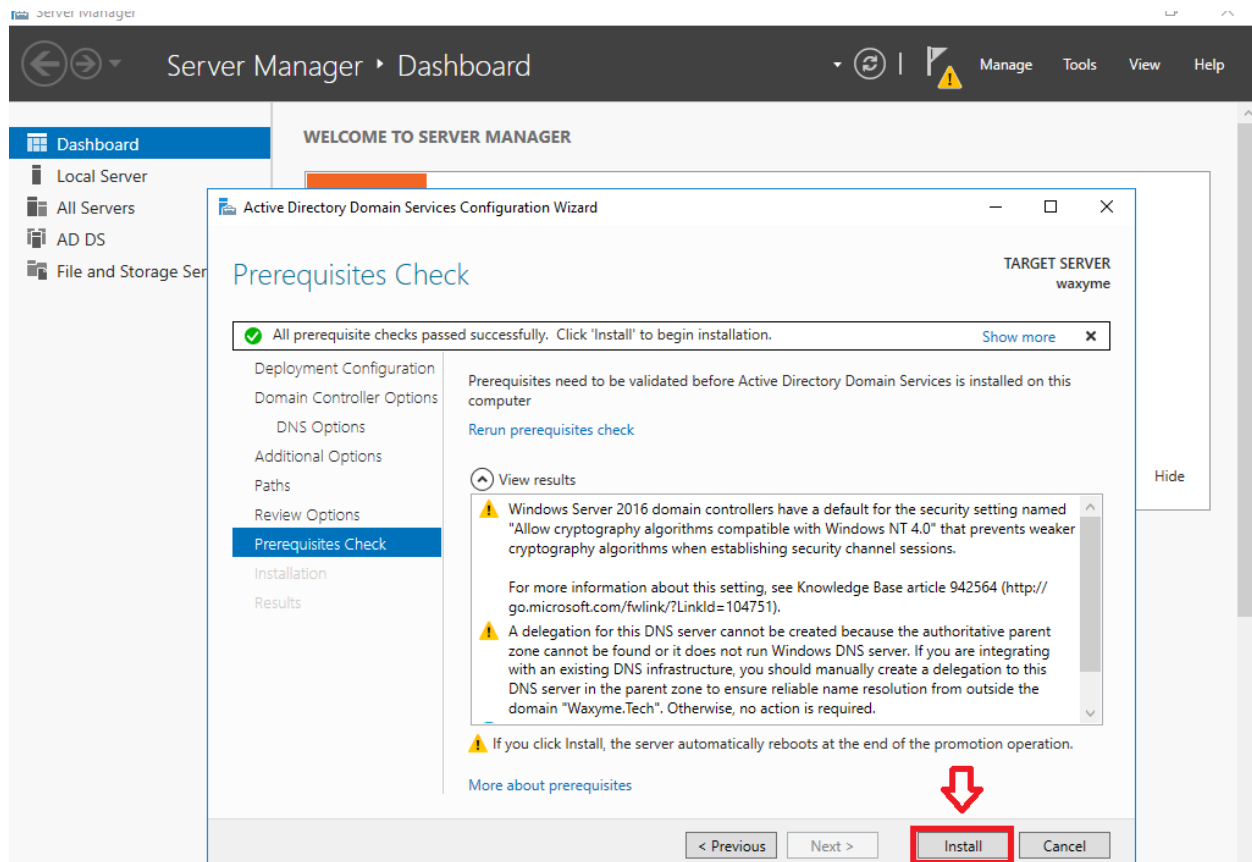
→ **NetBIOS name: WAXYME0** (auto generated)





→ Select Next and Next to Review Prerequisites Check, and then select Install, and the Windows server will automatically reboot.





3. Check and Verify Configuration:

- Login using Domain Credentials
- Open Active Directory Users and Computers to verify Domain Setup
- Verify DNS Registration

Server Manager

Server Manager ▸ Dashboard

Manage Tools View Help

Dashboard

Local Server

All Servers

AD DS

DNS

File and Storage Services ▸

QUICK START

WHAT'S NEW

LEARN MORE

1

Configure this local server

2

Add roles and features

3

Add other servers to manage

4

Create a server group

5

Connect this server to cloud services

Hide

ROLES AND SERVER GROUPS

Roles: 3 | Server groups: 1 | Servers total: 1

AD DS

1

Manageability

Events

Services

Performance

BPA results

DNS

1

Manageability

Events

Services

Performance

BPA results

