

Install and Setup Active Directory

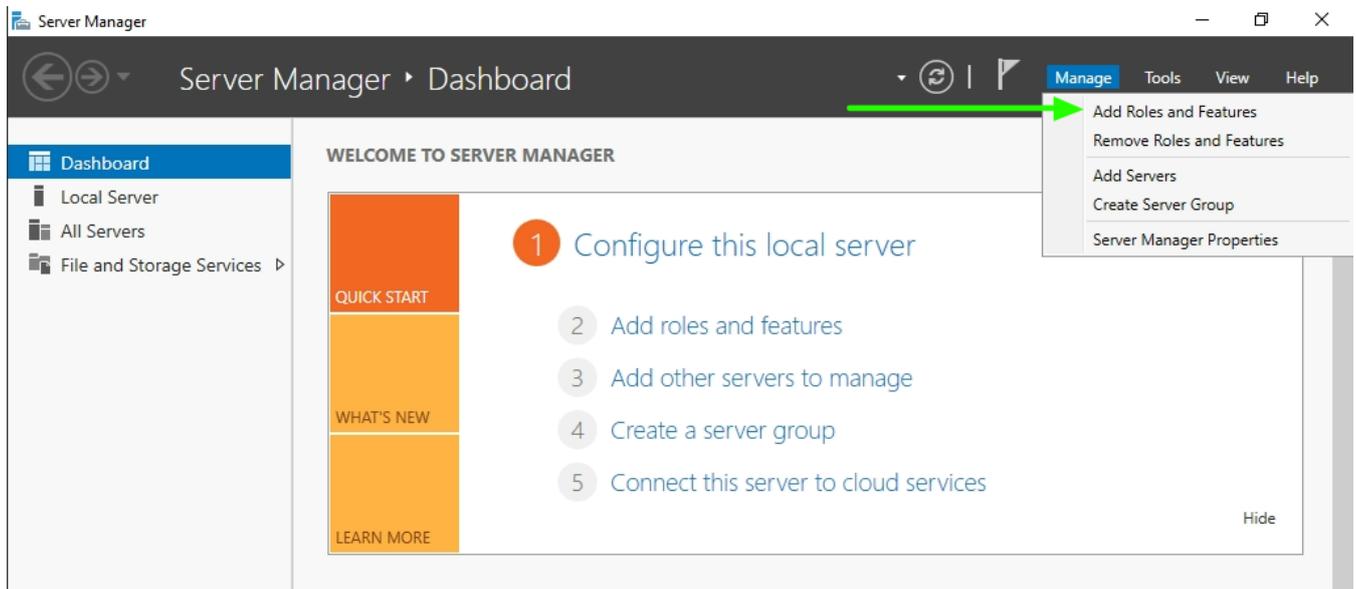
444 Nesvin KN August 8, 2024 [Installation](#) 3872

How to install and setup active directory

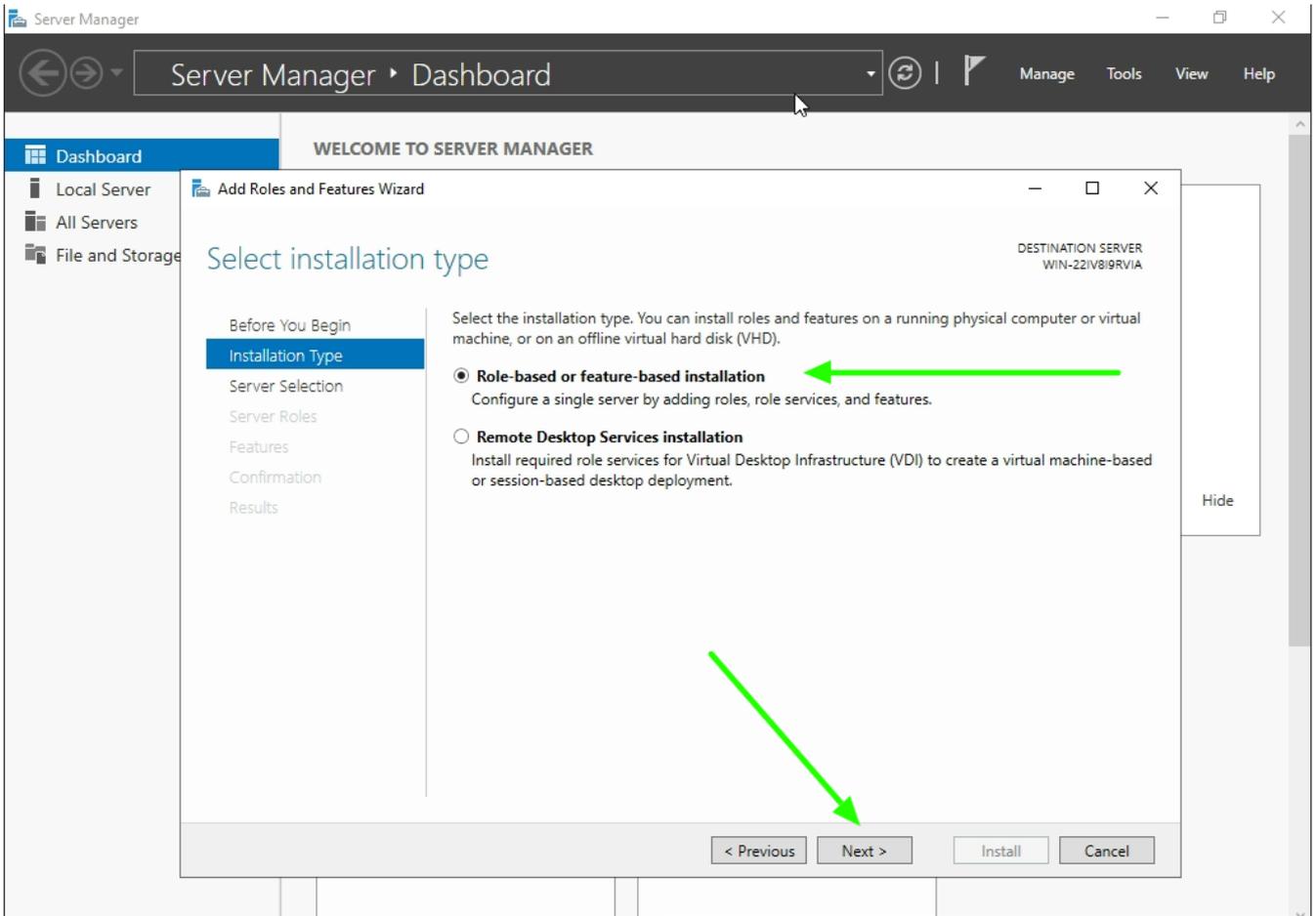
Overview: This article provides a comprehensive guide on installing and setting up Active Directory on Windows Server 2012, 2016, or 2019. It includes step-by-step instructions for adding roles and features, promoting the server to a domain controller, and managing Active Directory using the Administrative Center.

Pre-requisites : Windows server 2012/ 2016 / 2019

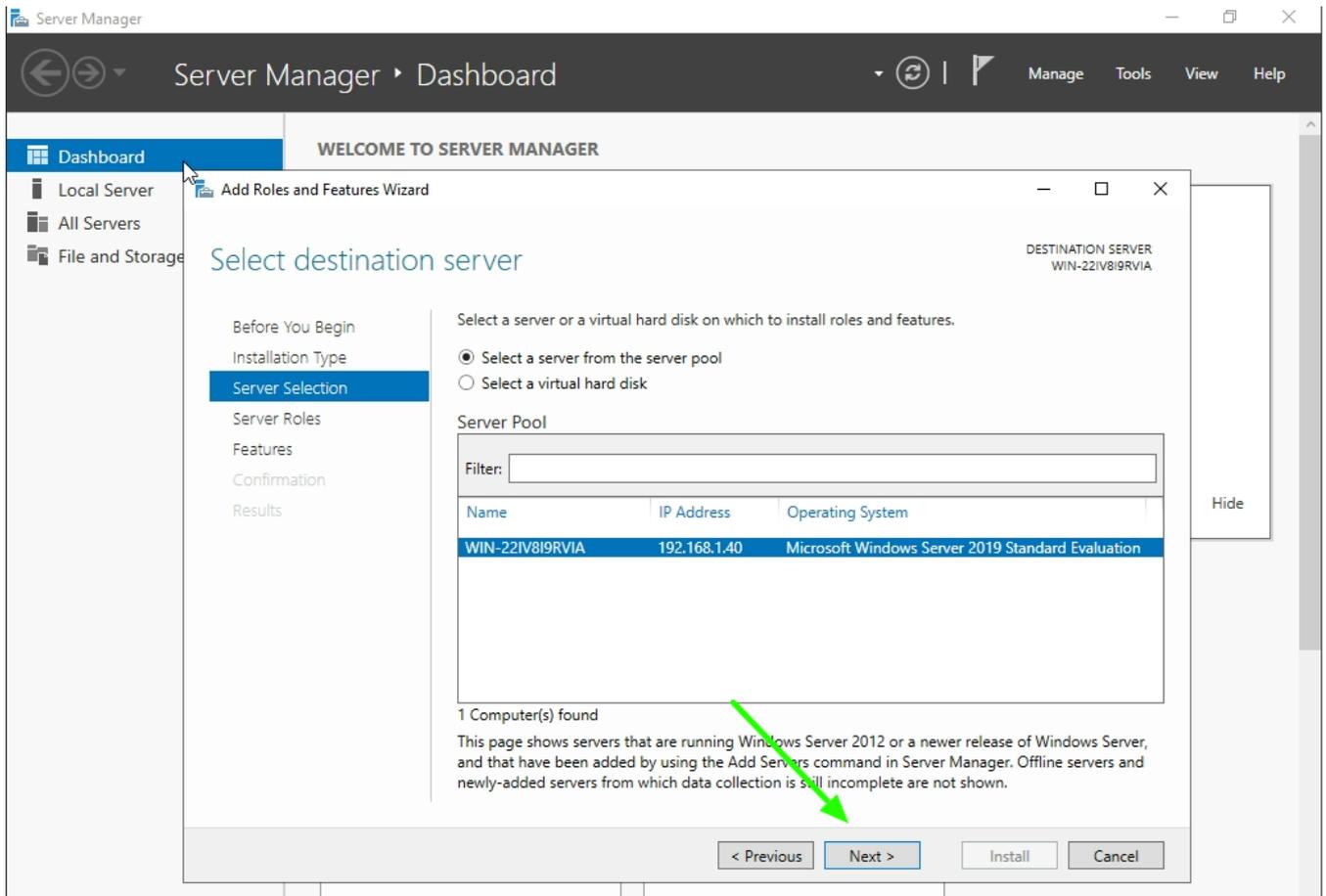
Step 1. From the **Server Manager Dashboard**, click on **Add roles and features**.



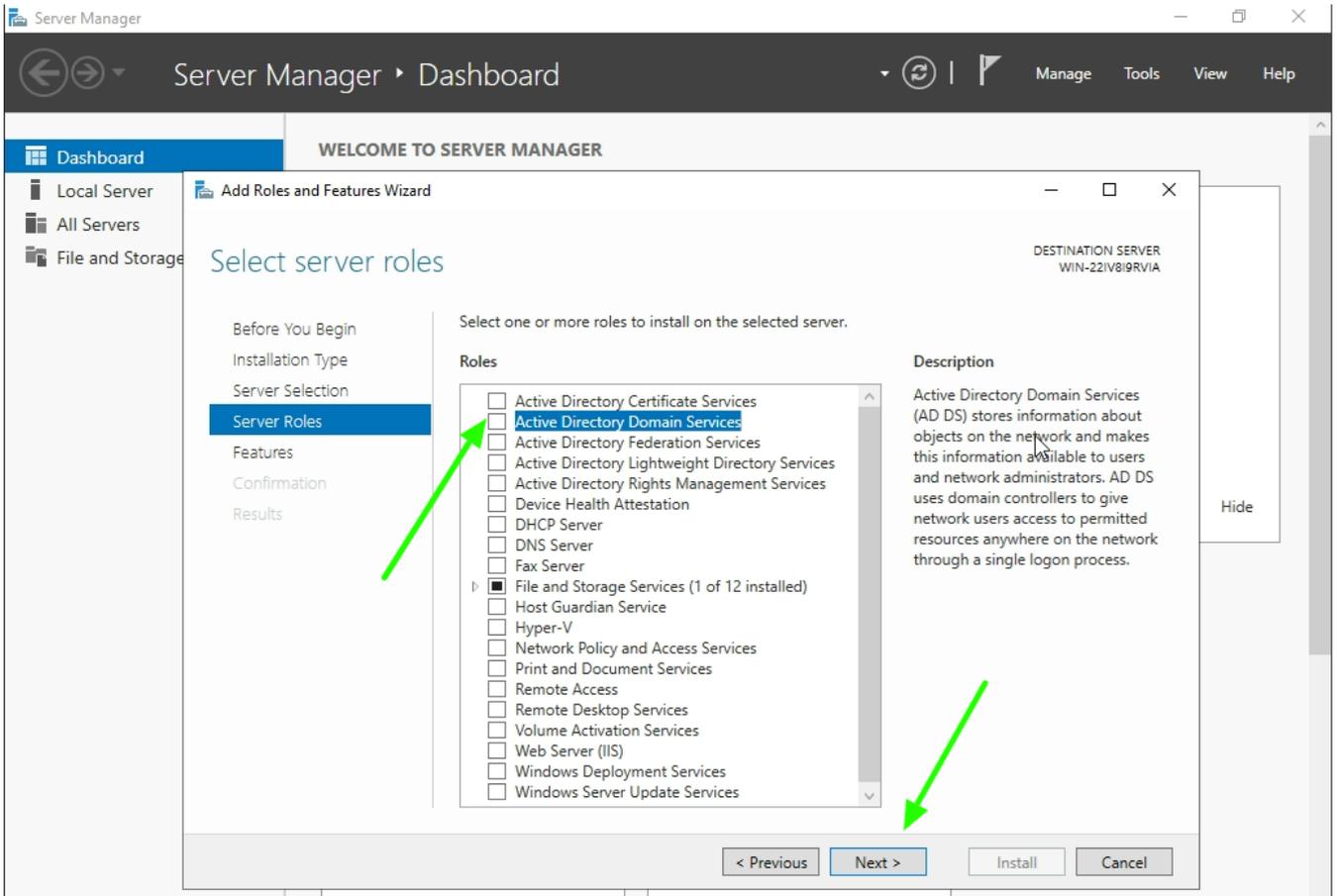
Step 2. Select **Role-based or feature-based installation** and click **Next**.



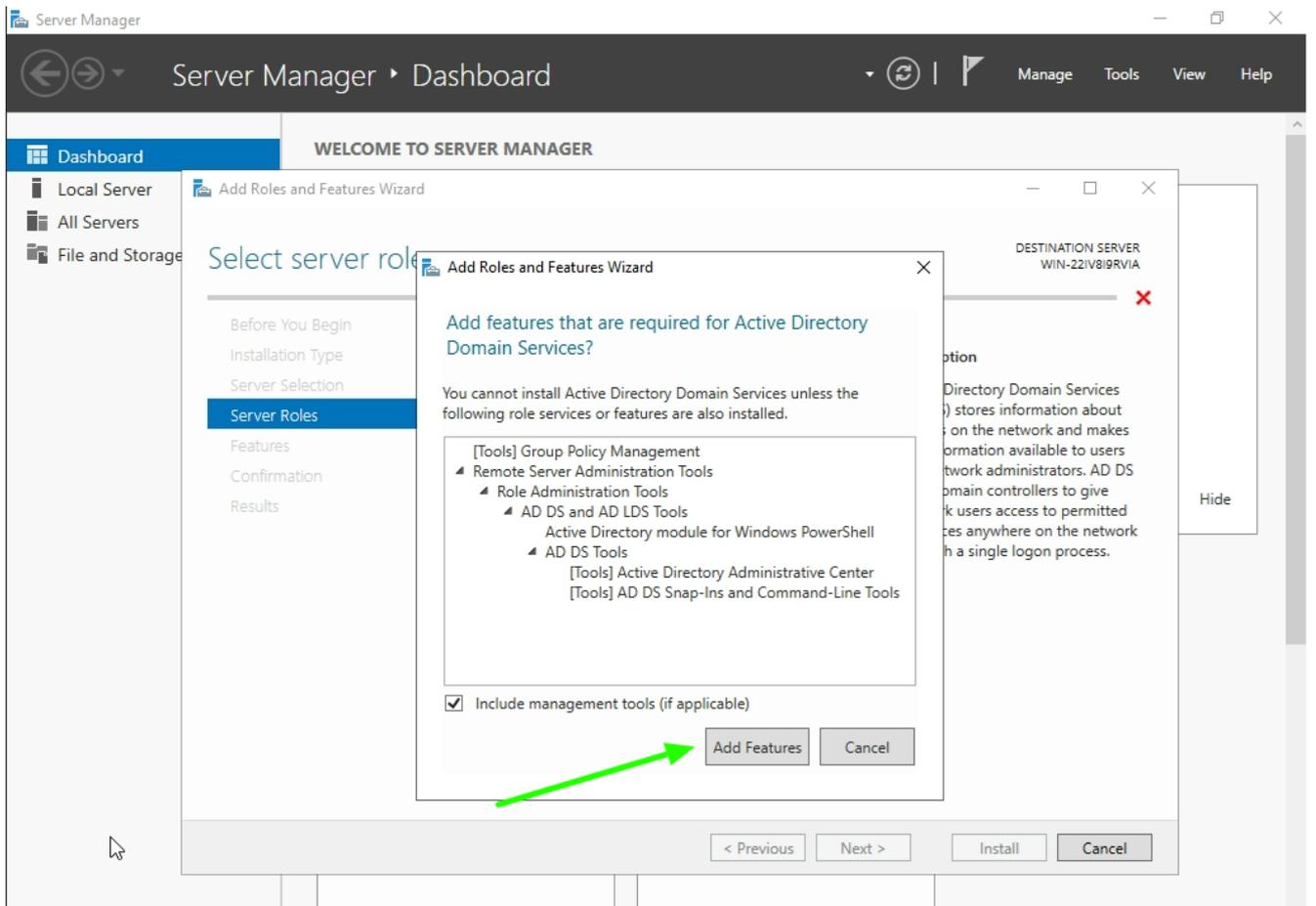
Step 3. Select the server by highlighting the row and select **Next**.



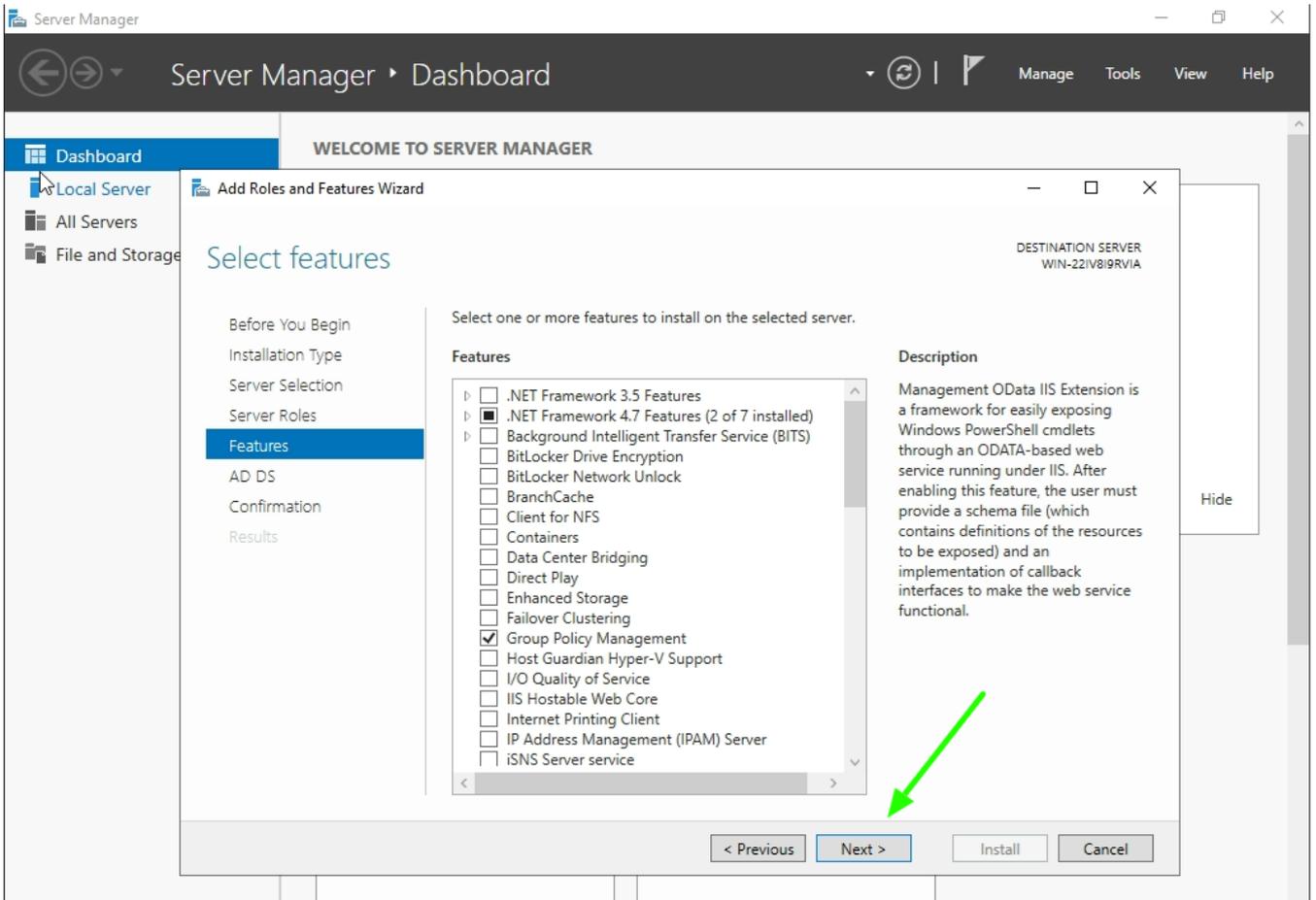
Step 4. Select Active Directory Domain Services and then select Next.



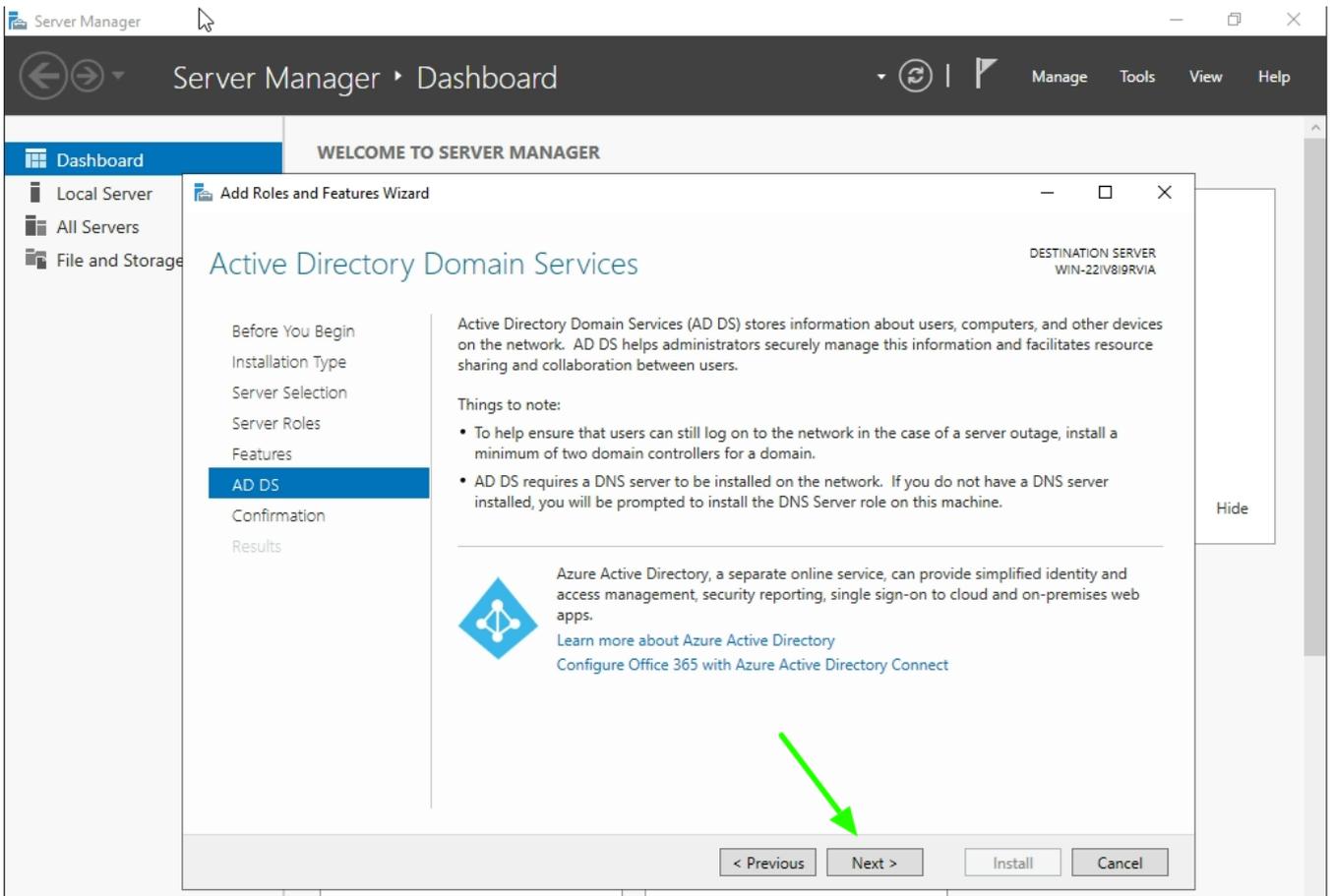
Step 5. Click Add Features.



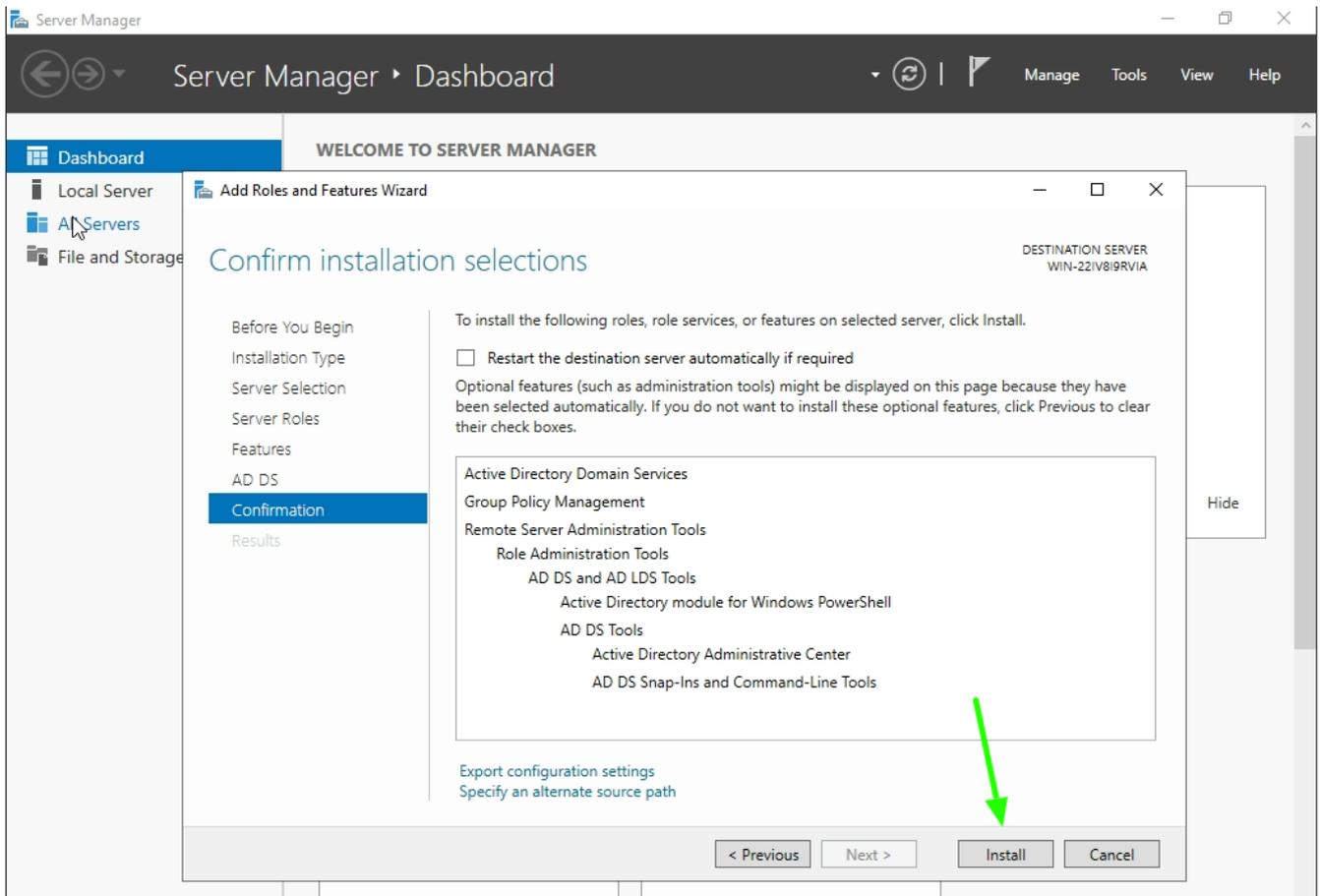
Step 6. You shouldn't have to select anything at the **Select Features**, so just select **Next**.



Step 7. Click **Next** in the **AD DS** section.

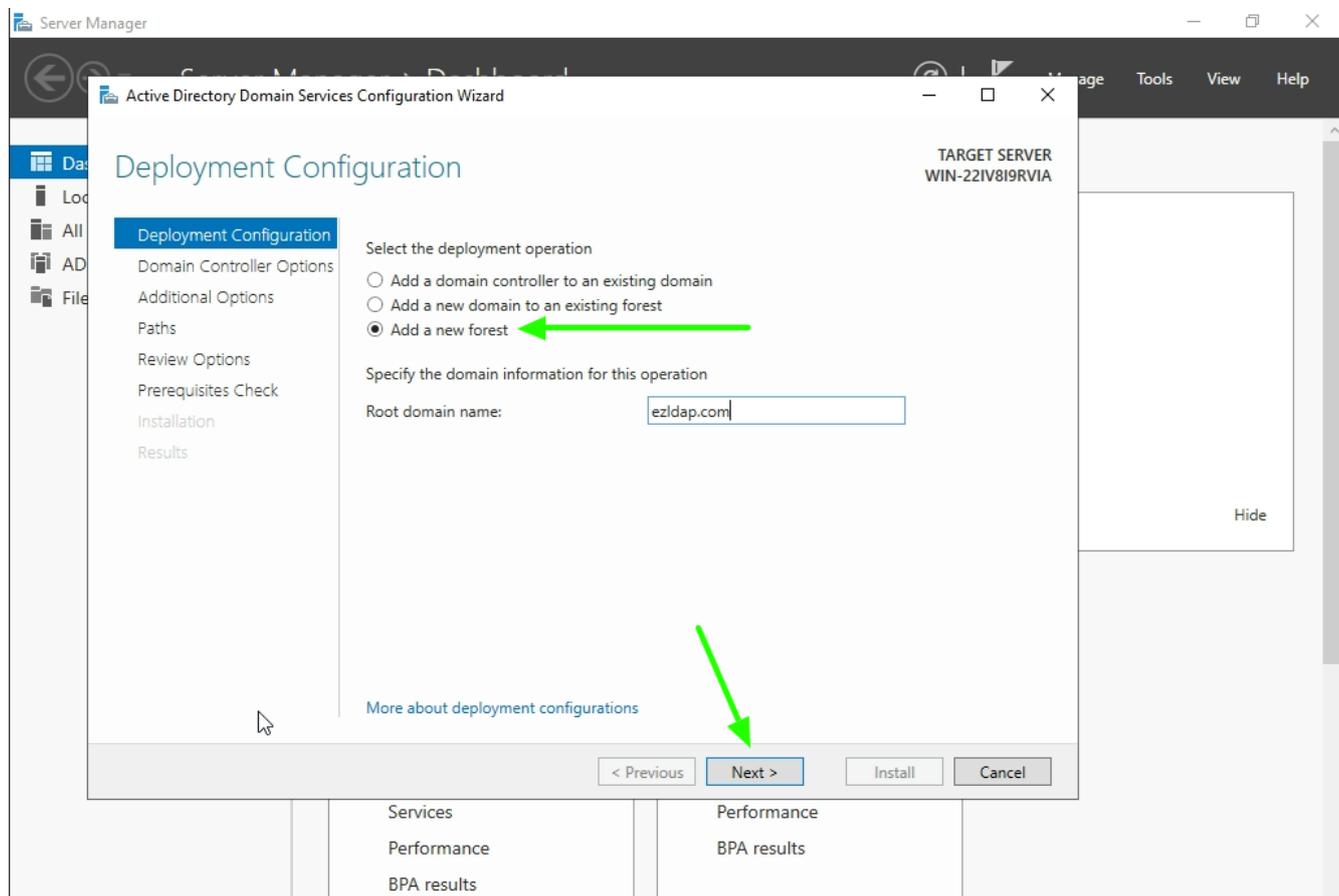


Step 8. On the confirmation window, review everything and then click **Install**.

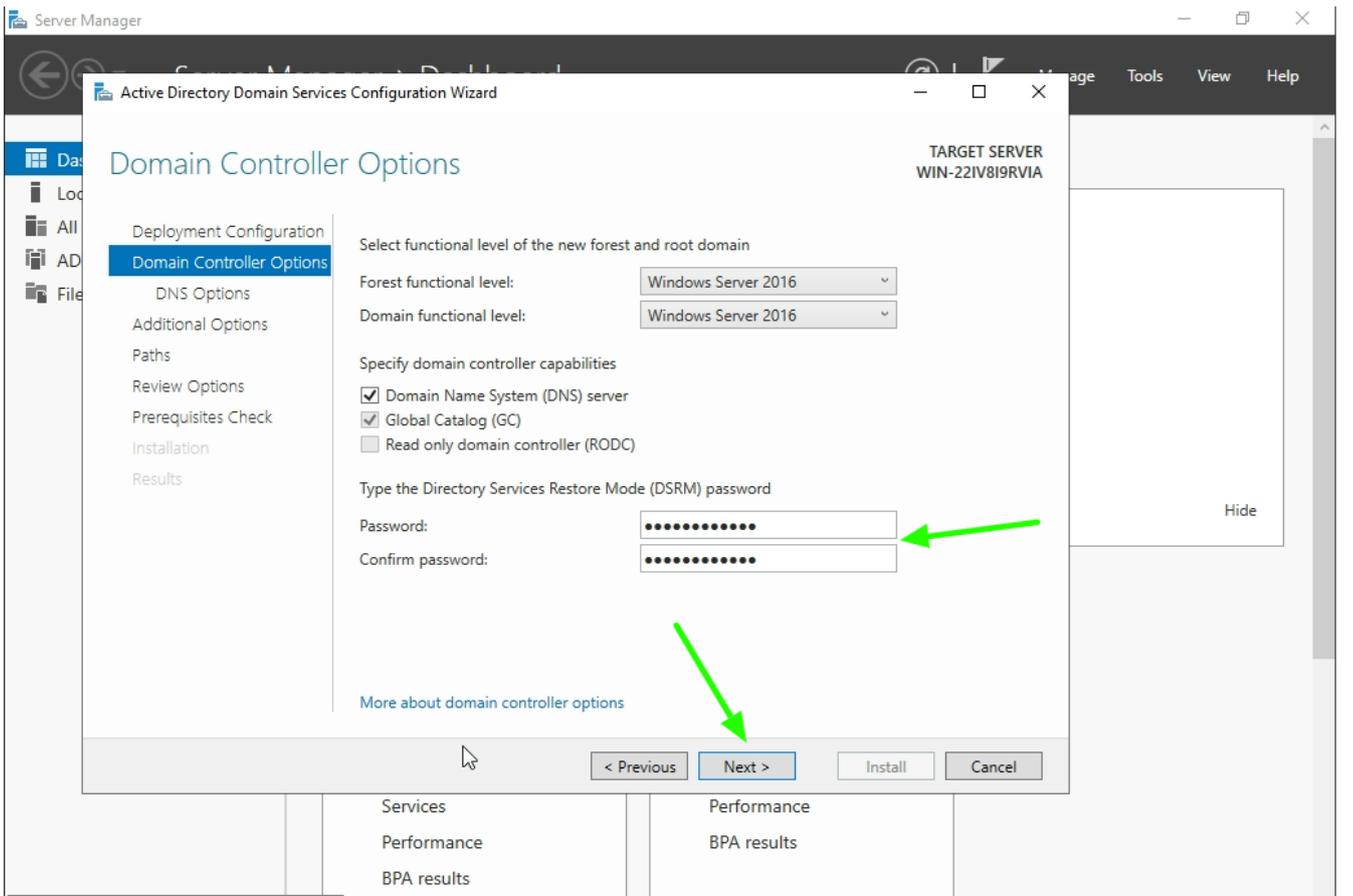


- The installation will begin.
- When the installation is complete, you need to now promote the server to a domain controller.
- Click **Promote this server to a domain controller** (small hyperlink in the results window). Refer the below screenshot.

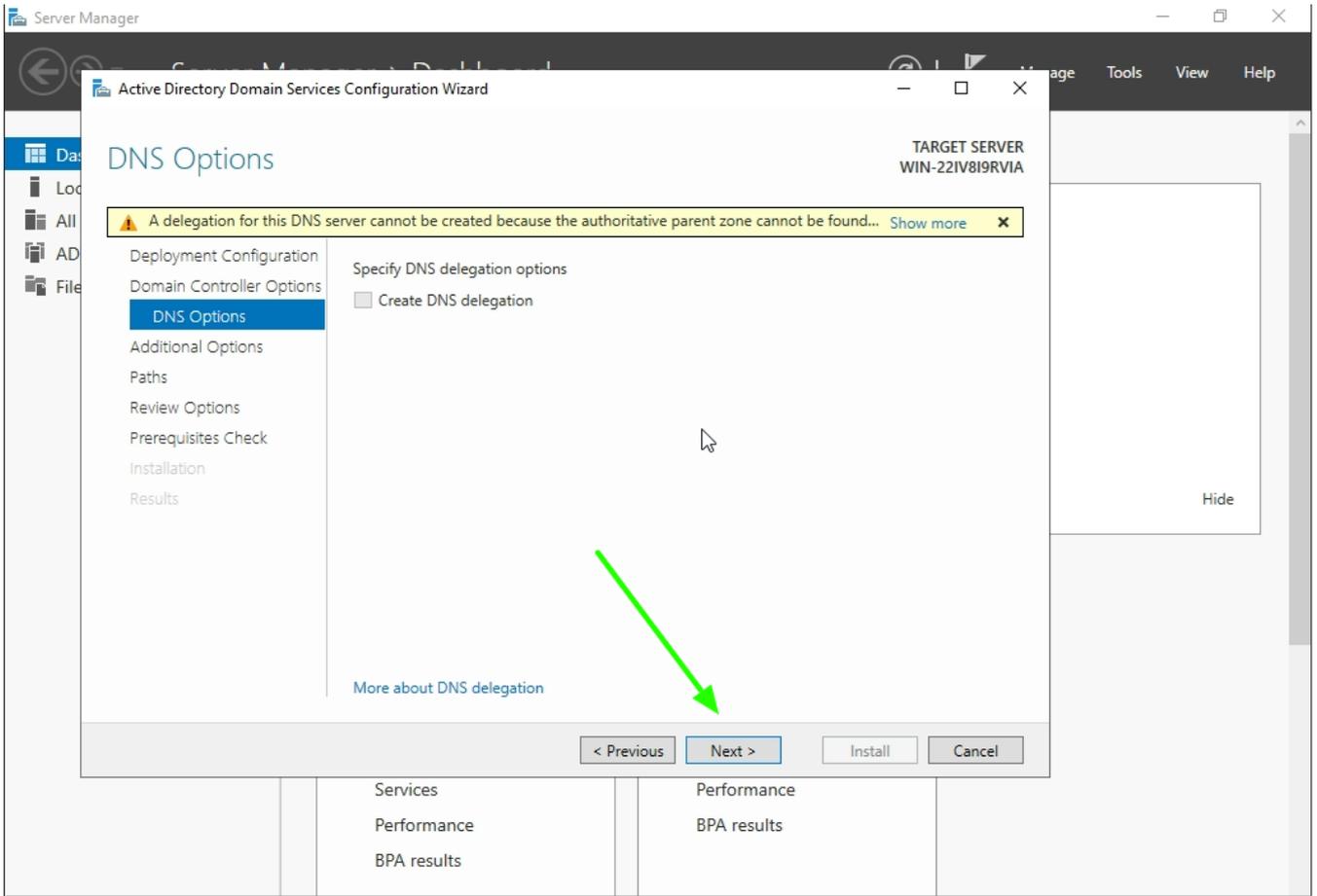
Step 9. Select **Add a new forest**, type in a **domain name** that you want to use (pro-tip: use something like example.com), then click **Next**.



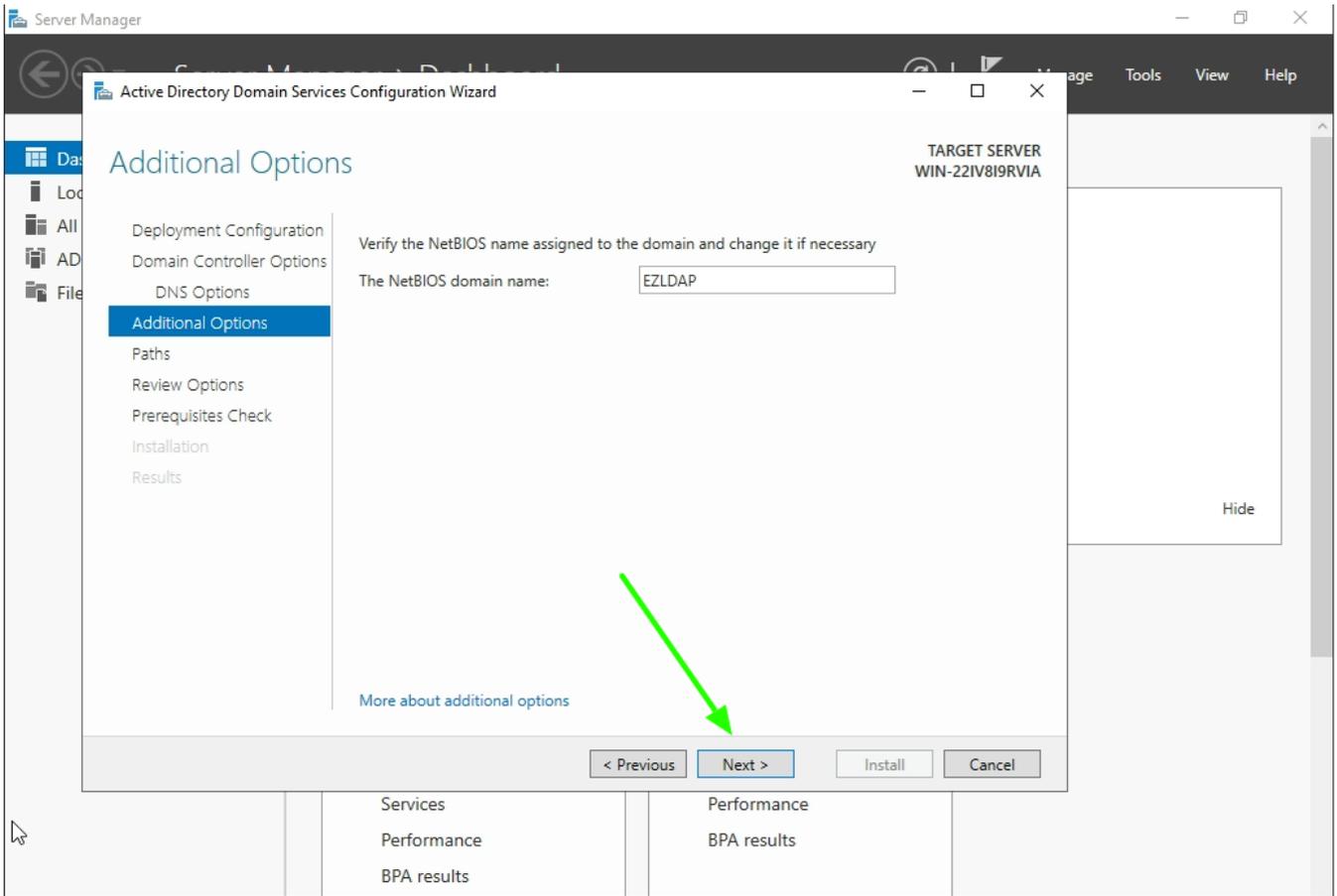
Step 10. Type in a password you want to use for DSRM, then click **Next**.



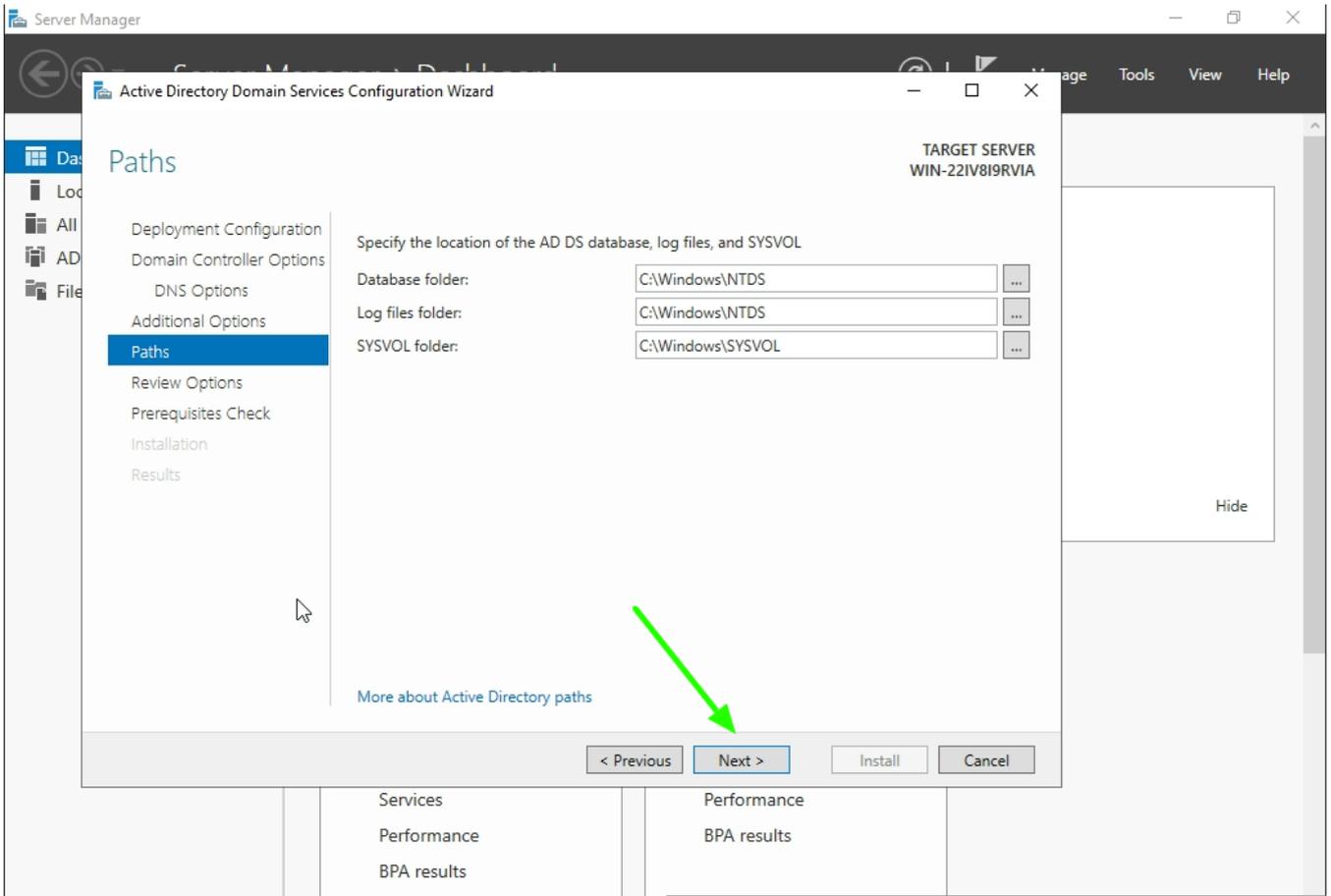
Step 11. Click **Next** on the **DNS Options** page.



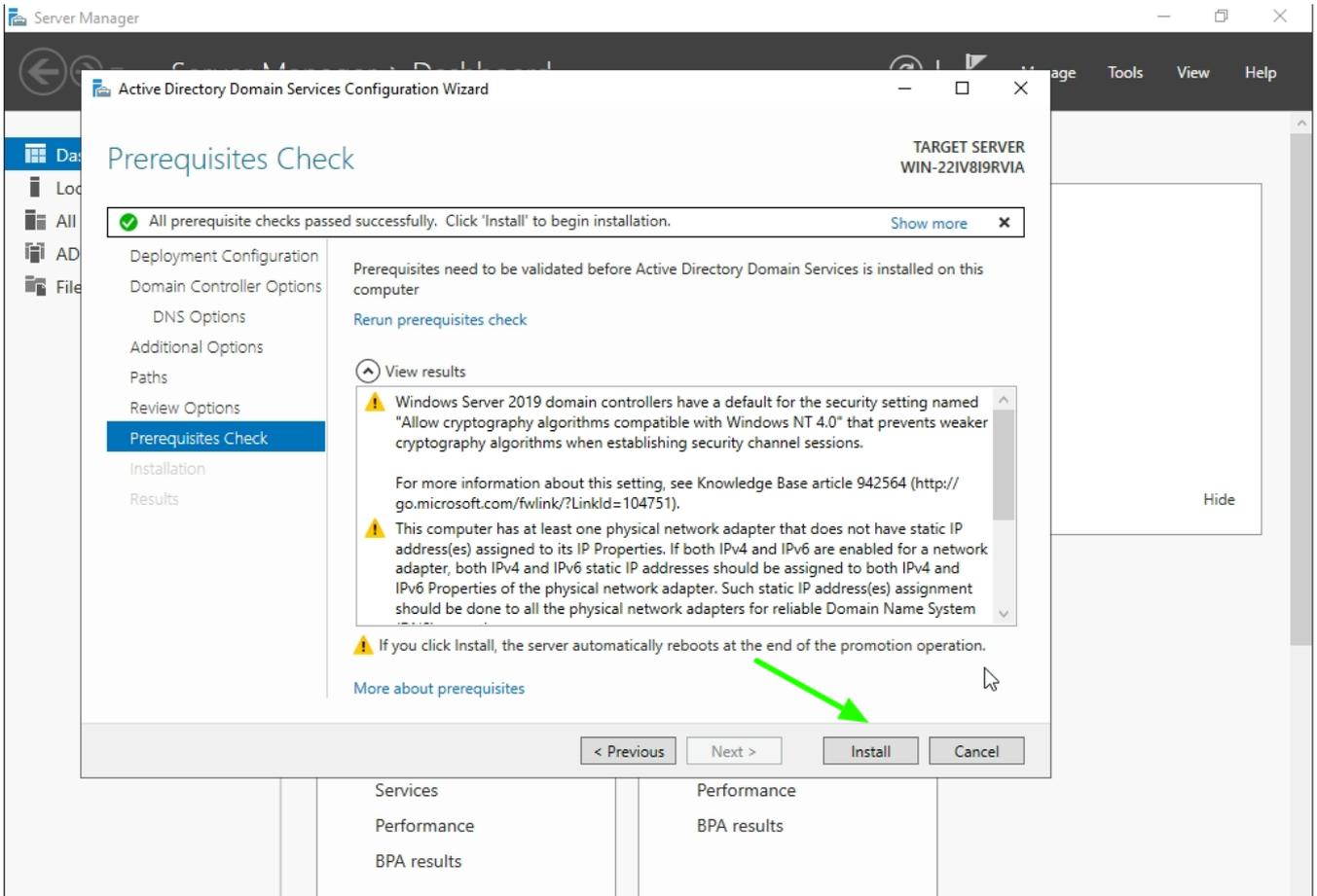
Step 12. Click **Next** on the **Additional Options** page.



Step 13. Click **Next** on the **Paths** sections.

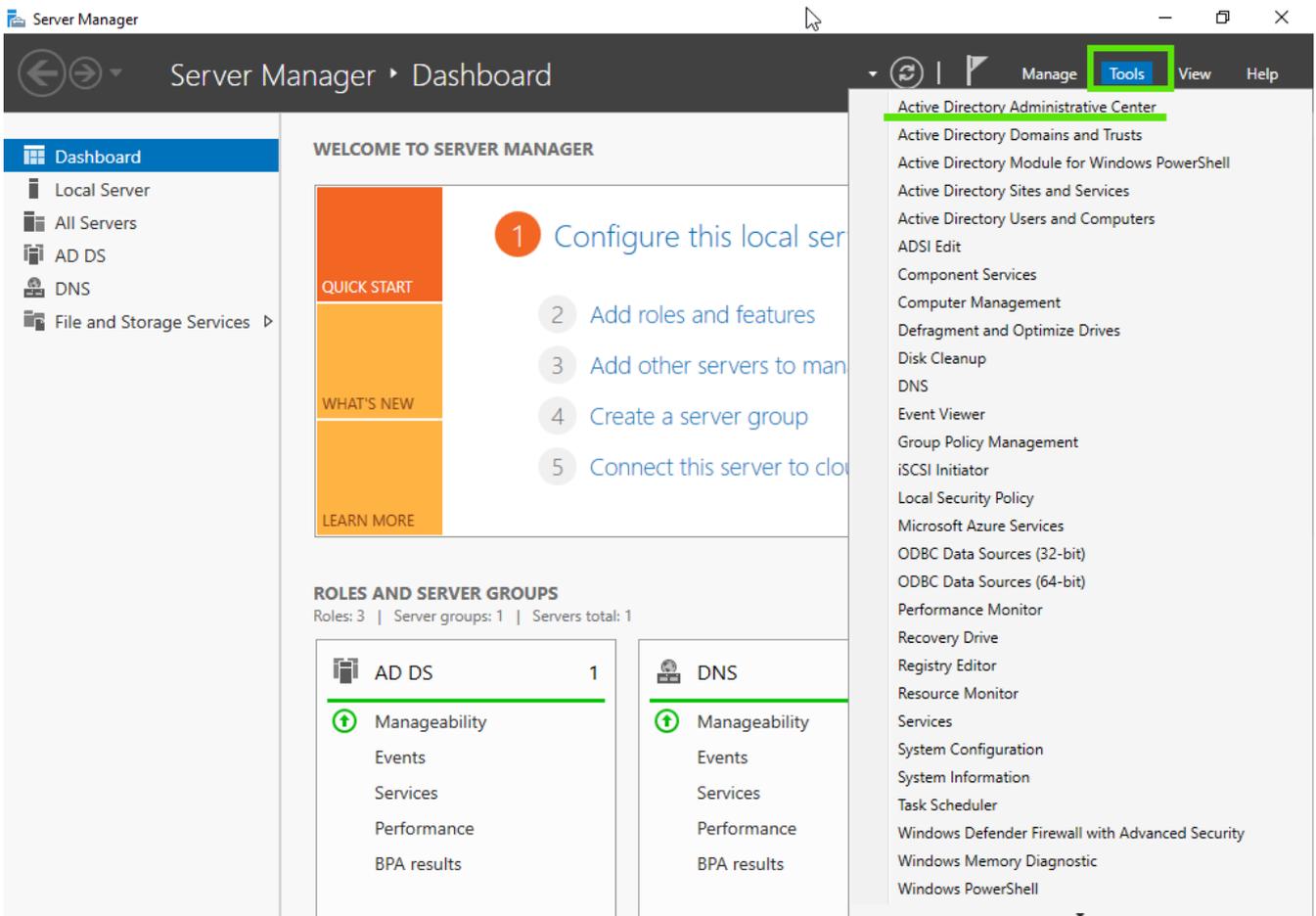


Step 14. Click **Next** on the Review Options screen, then click **Install** on the prerequisites check page.

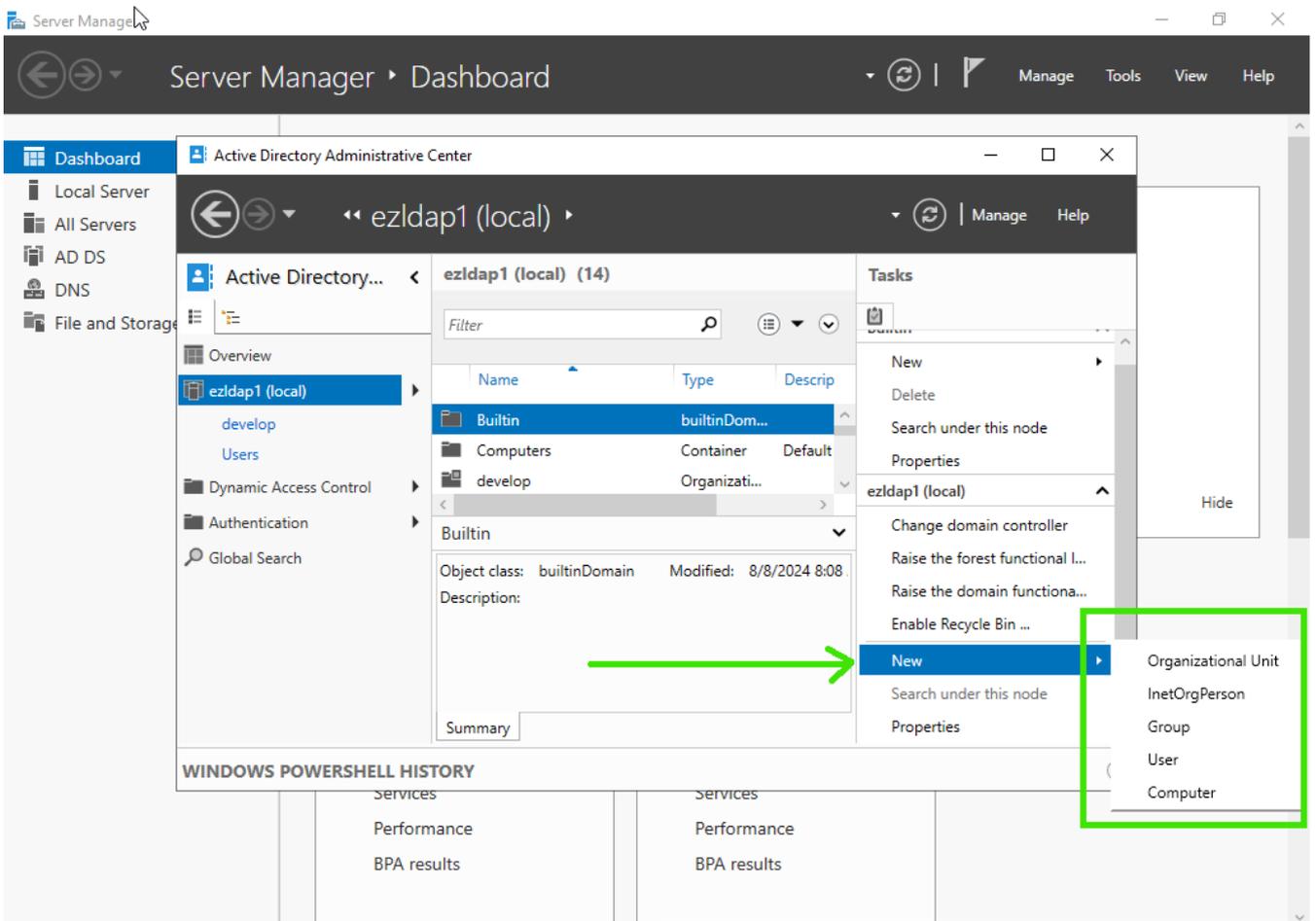


- The installation (promotion process) will begin. The server will reboot during this process.
- When the installation is complete, log back in (this time you will be logging into the server with domain credentials)

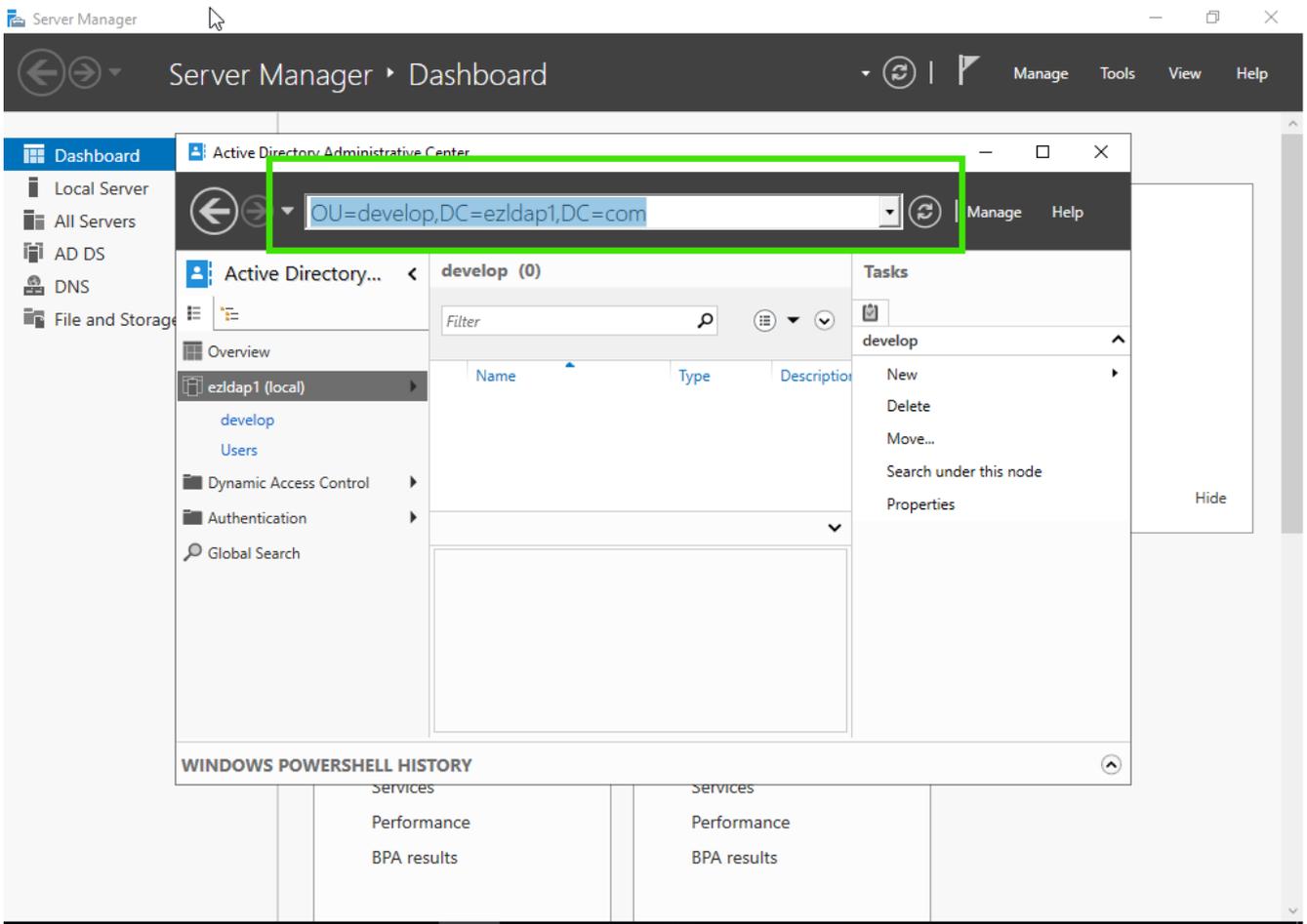
Step 15. From **Server Manager**, click **Tools** then **Active Directory Administrative Center**



Step 16. There you can add new **AD Users, Organizational Unit and Groups**



Step 17. You will be able to find the DN of the Organizational unit by clicking on the title bar



Step 18. You can find the DN of a user by Right button click on a User -> **Properties** -> **Extensions** -> **Attribute Editor**.

- Dashboard
- Local Server
- All Servers
- AD DS
- DNS
- File and Storage

Active Directory... < Users (23)

Filter

Name	Type	Descrip
Administrator		
Allowed R...		
Cert Publis...		
Administrator		

User logon: Ad...
E-mail: ...
Modified: ...
Description: Built-in account for administering the computer/domain

Summary

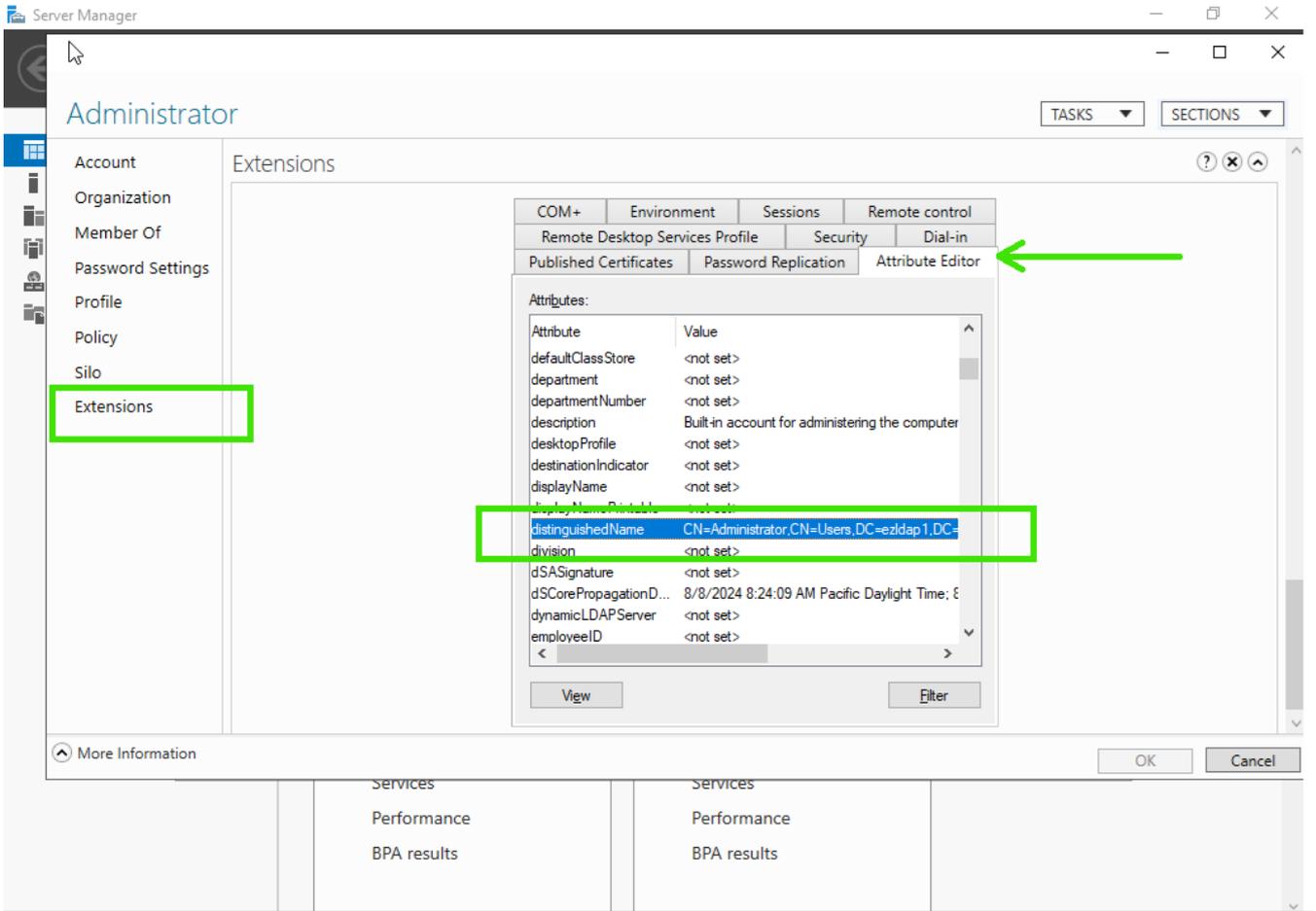
Tasks

- Administrator
- Reset password...
- View resultant password se...
- Add to group...
- Disable
- Delete
- Move...
- Properties
- New
- Delete
- Search under this node
- Properties

- Reset password...
- View resultant password settings...
- Add to group...
- Disable
- Delete
- Move...
- Properties

WINDOWS POWERSHELL HISTORY

Services	Services
Performance	Performance
BPA results	BPA results



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Online URL: <https://www.ezeelogin.com/kb/article/install-and-setup-active-directory-444.html>