Install and Setup Active Directory

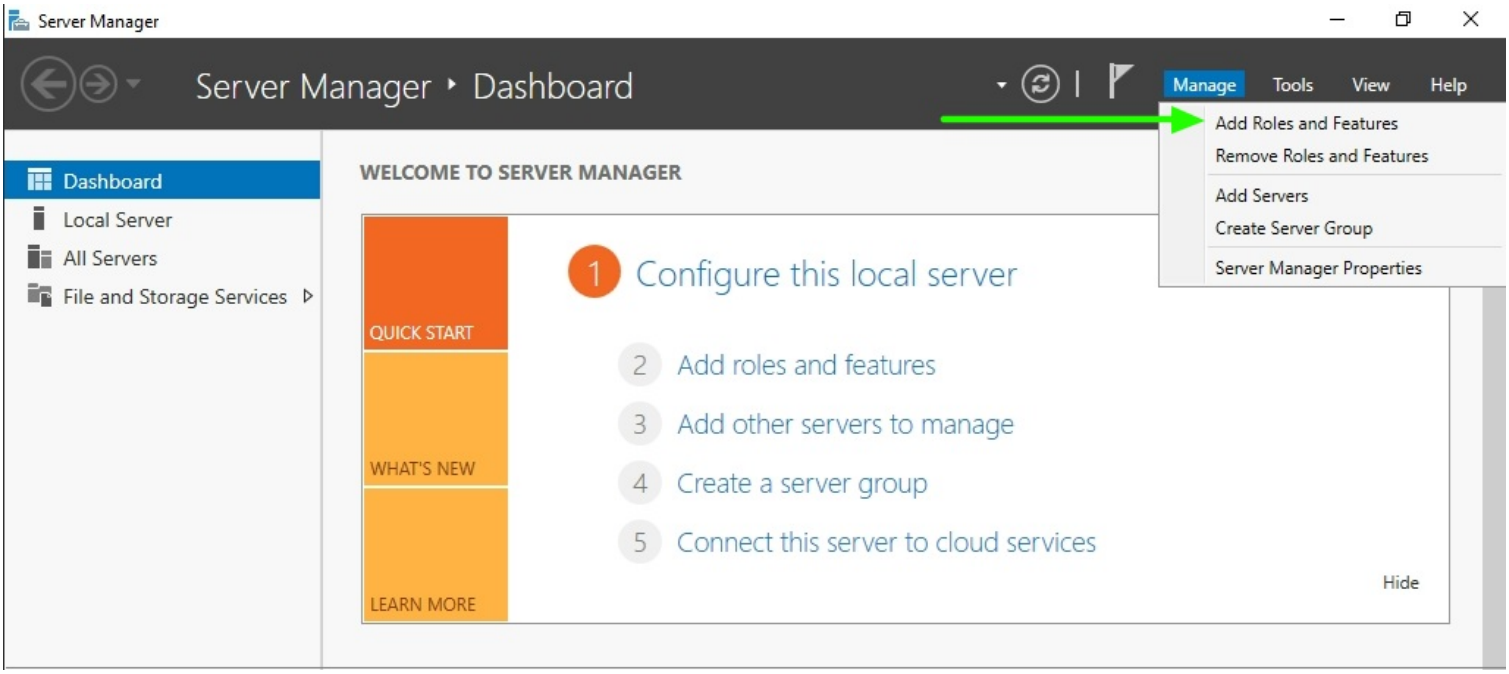
444 Nesvin KN August 8, 2024 Installation 7422

How to install and setup active directory

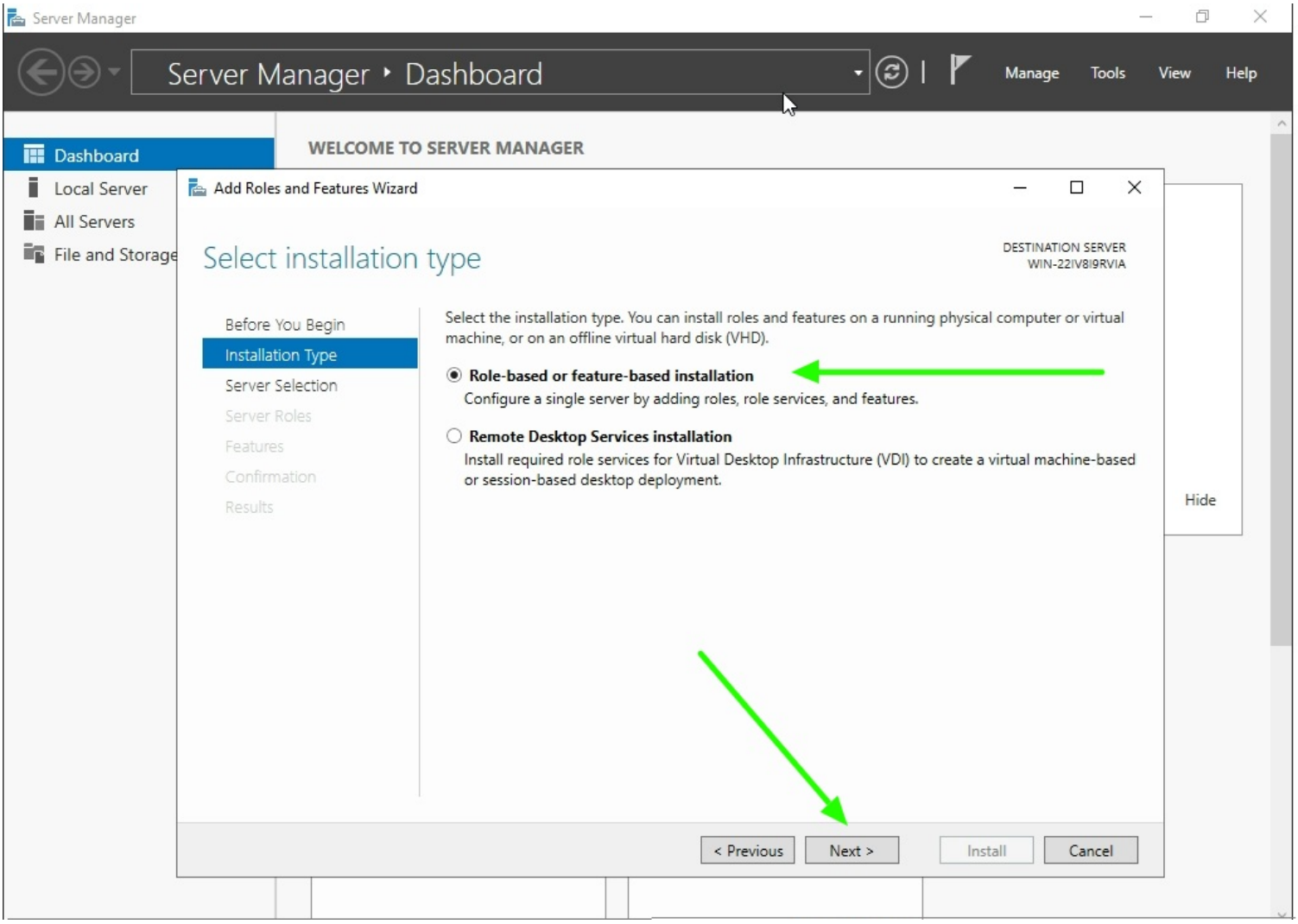
Overview: This article provides a comprehensive guide on installing and setting up Active Directory on Windows Server 2012, 2016, or 2019. It includes step-by-step instructions for adding roles and features, promoting the server to a domain controller, and managing Active Directory using the Administrative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

Pre-requisites : Windows server 2012/ 2016 / 2019

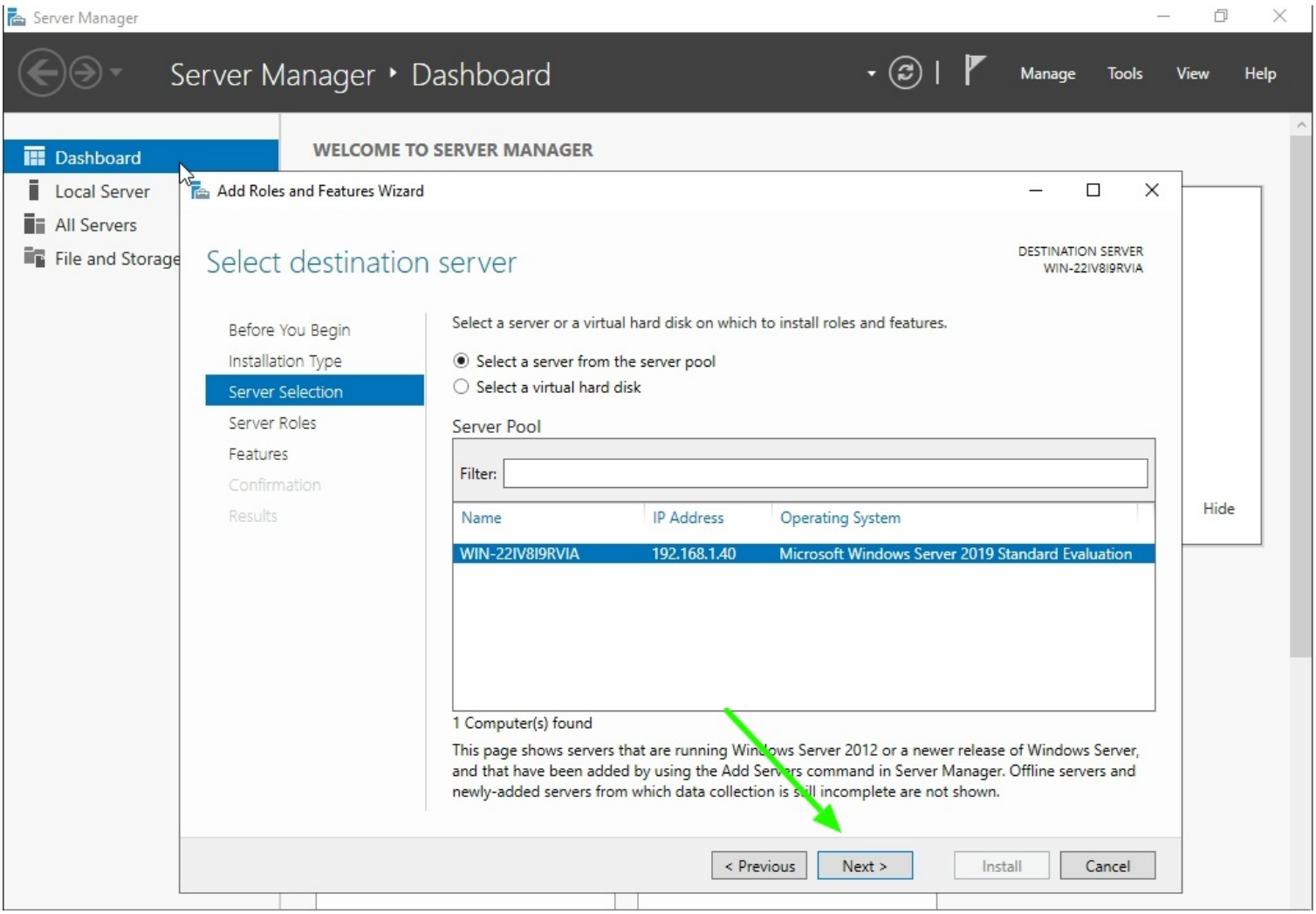
Step 1. From the **Server Manager Dashboard**, click on **Add roles and features**.



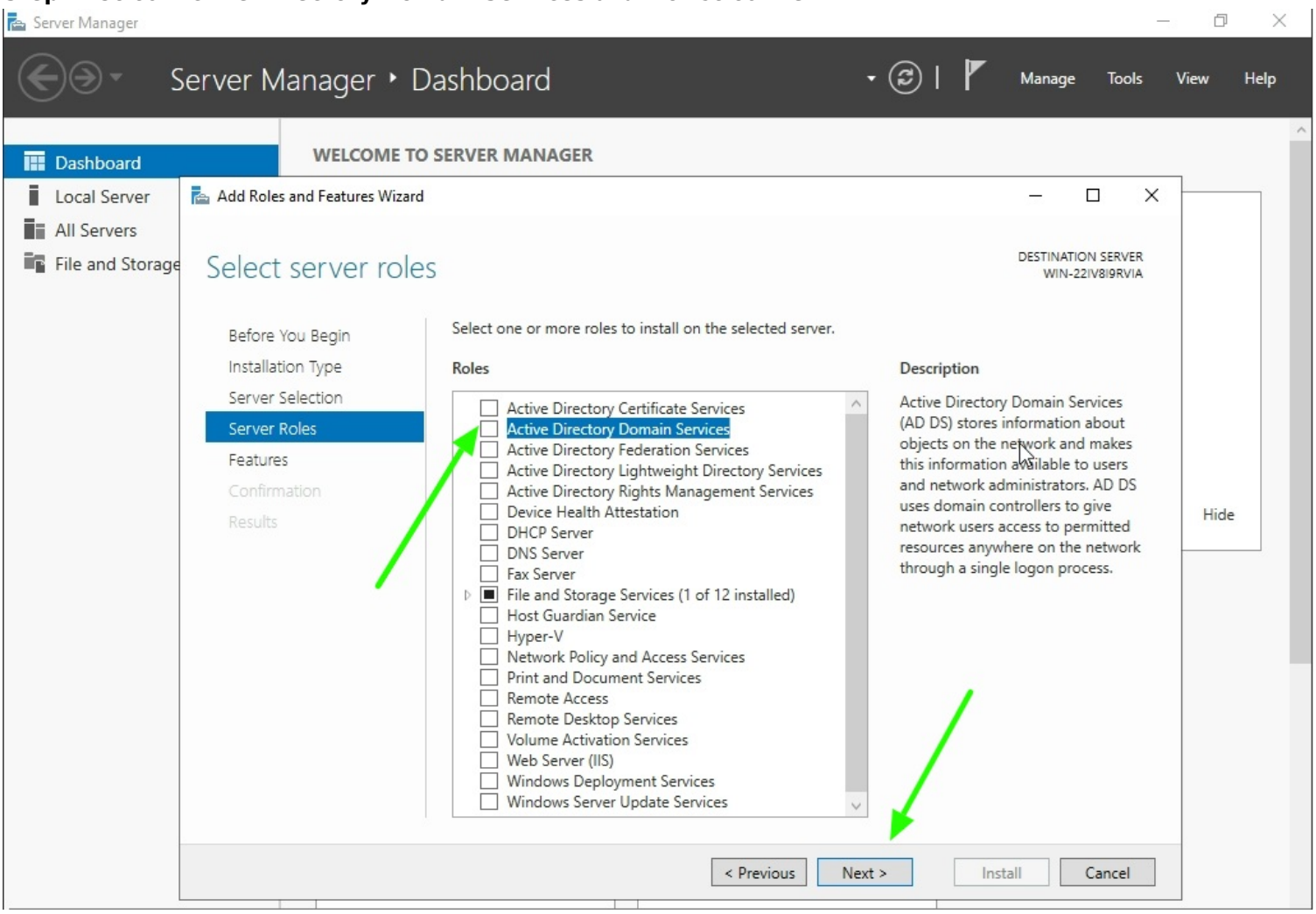
Step 2. Select **Role-based or feature-based installation** and click **Next**.



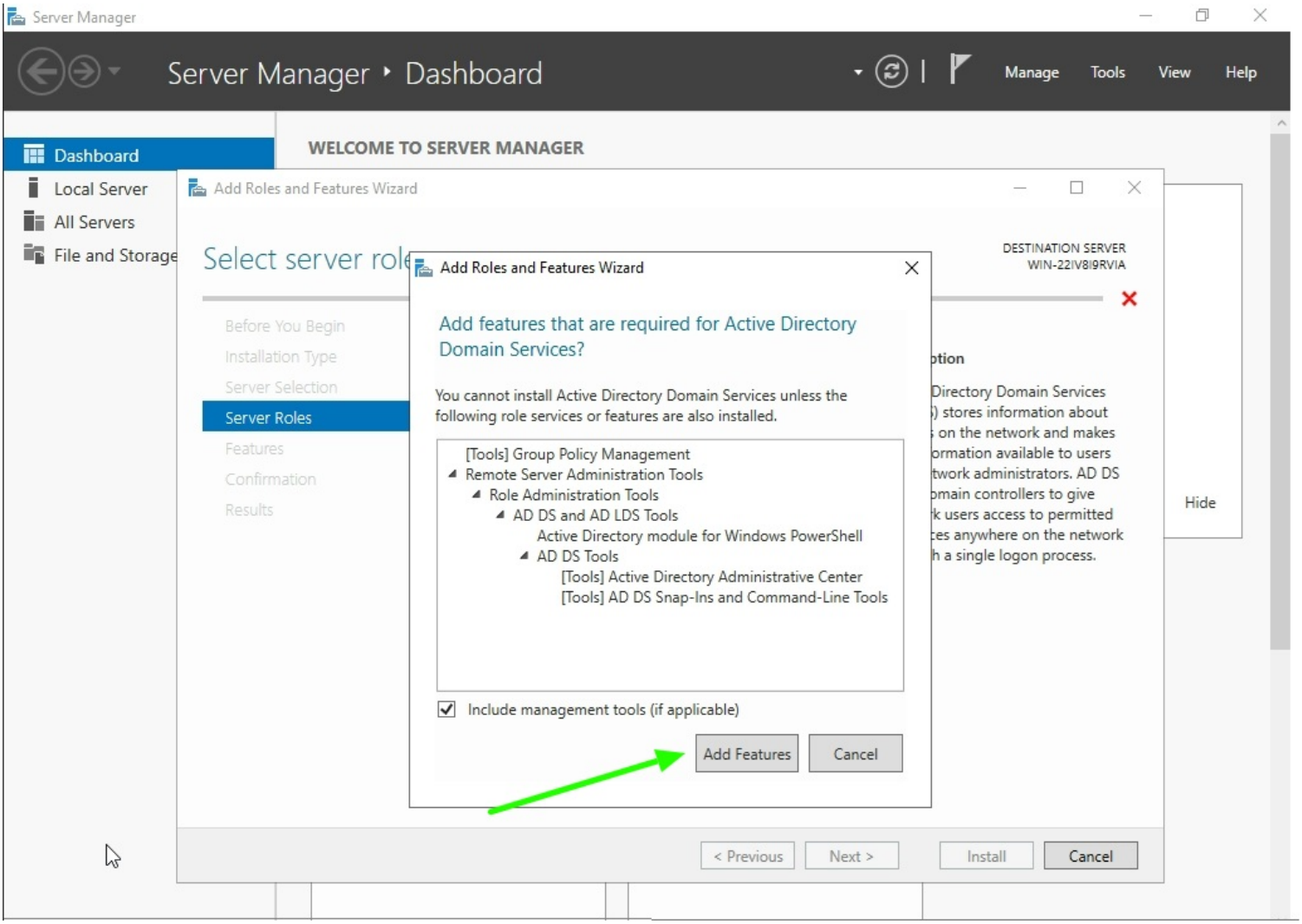
Step 3. Select the server by highlighting the row and select **Next**.



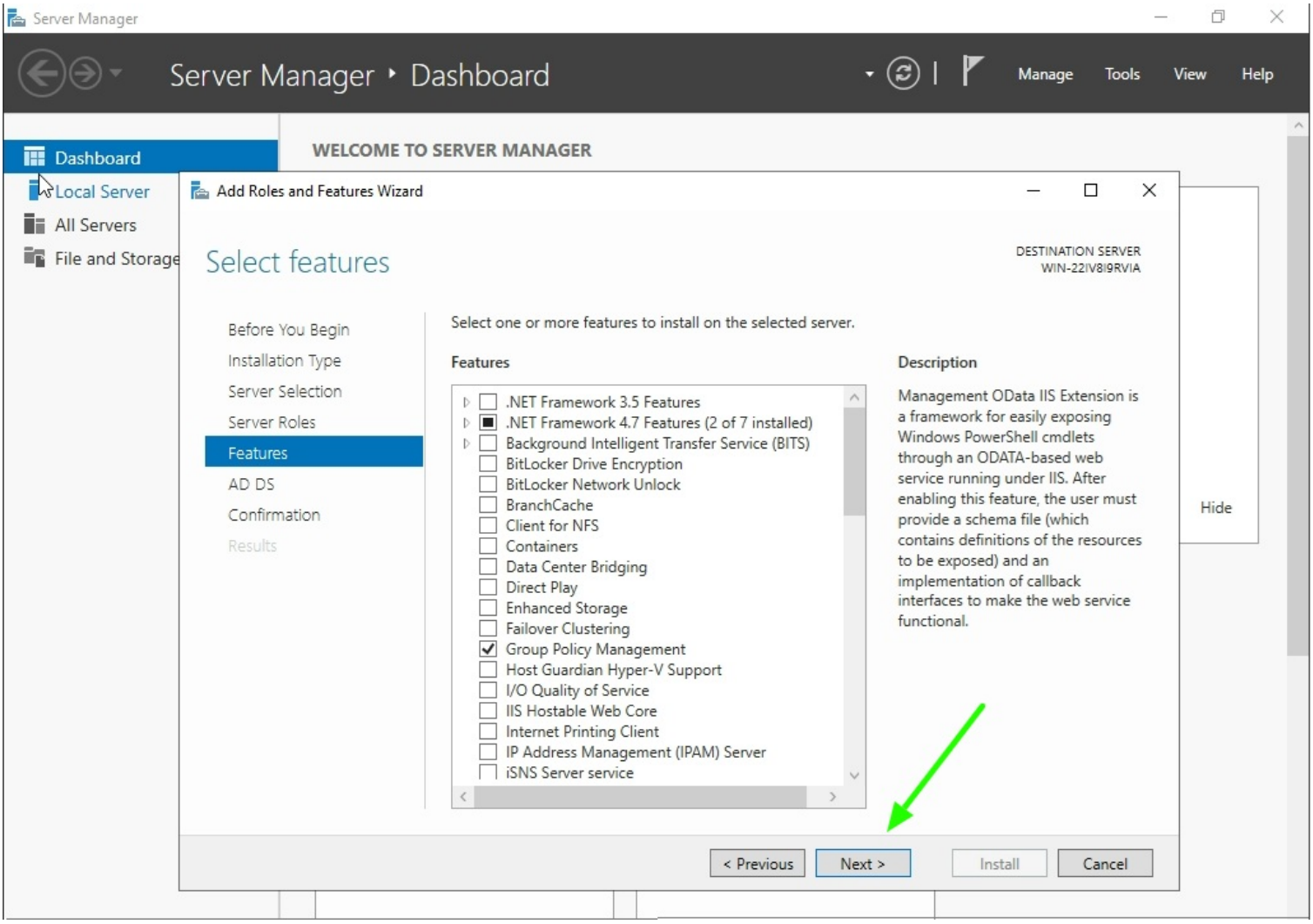
Step 4. Select **Active Directory Domain Services** and then select **Next**.



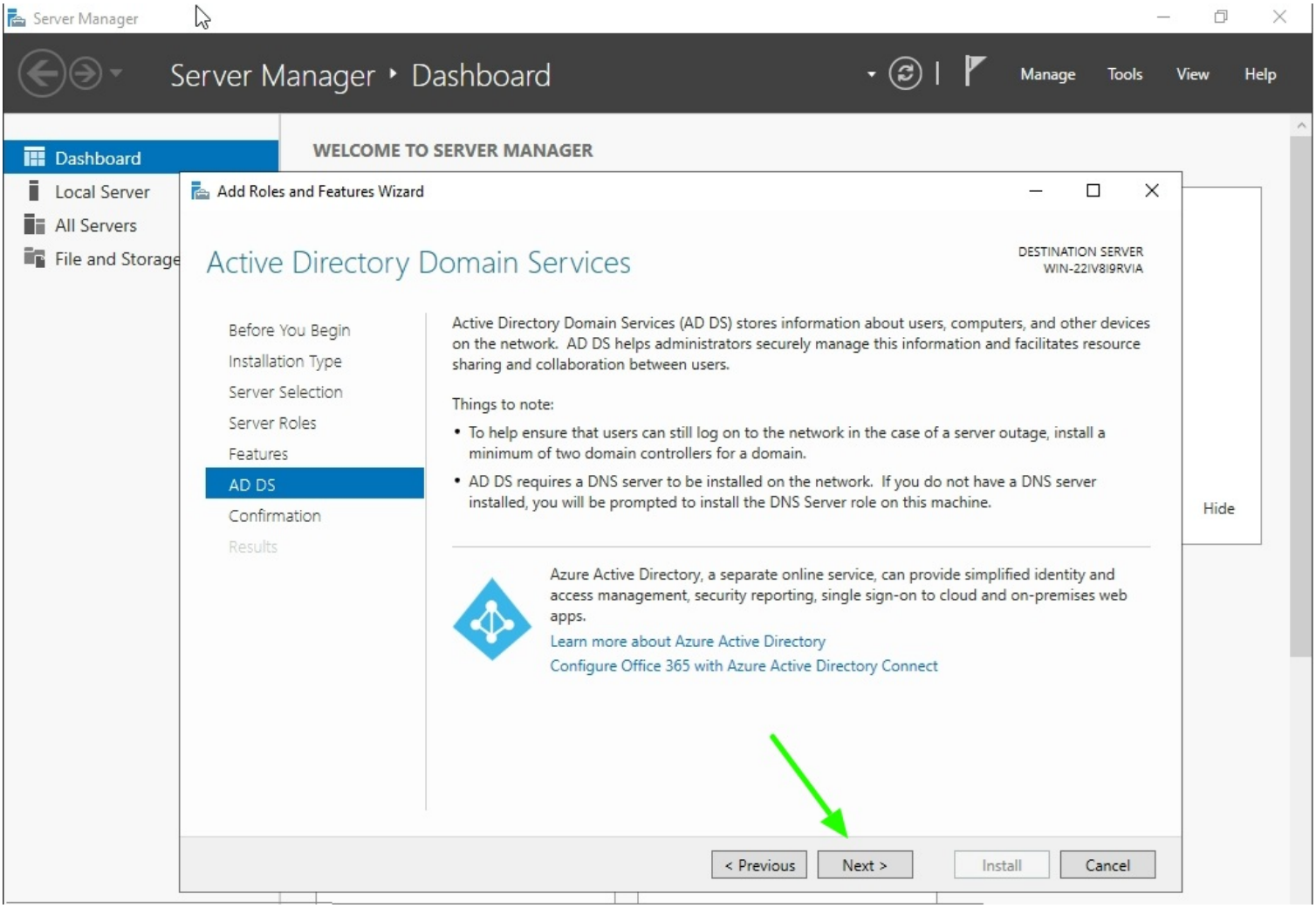
Step 5. Click **Add Features**.



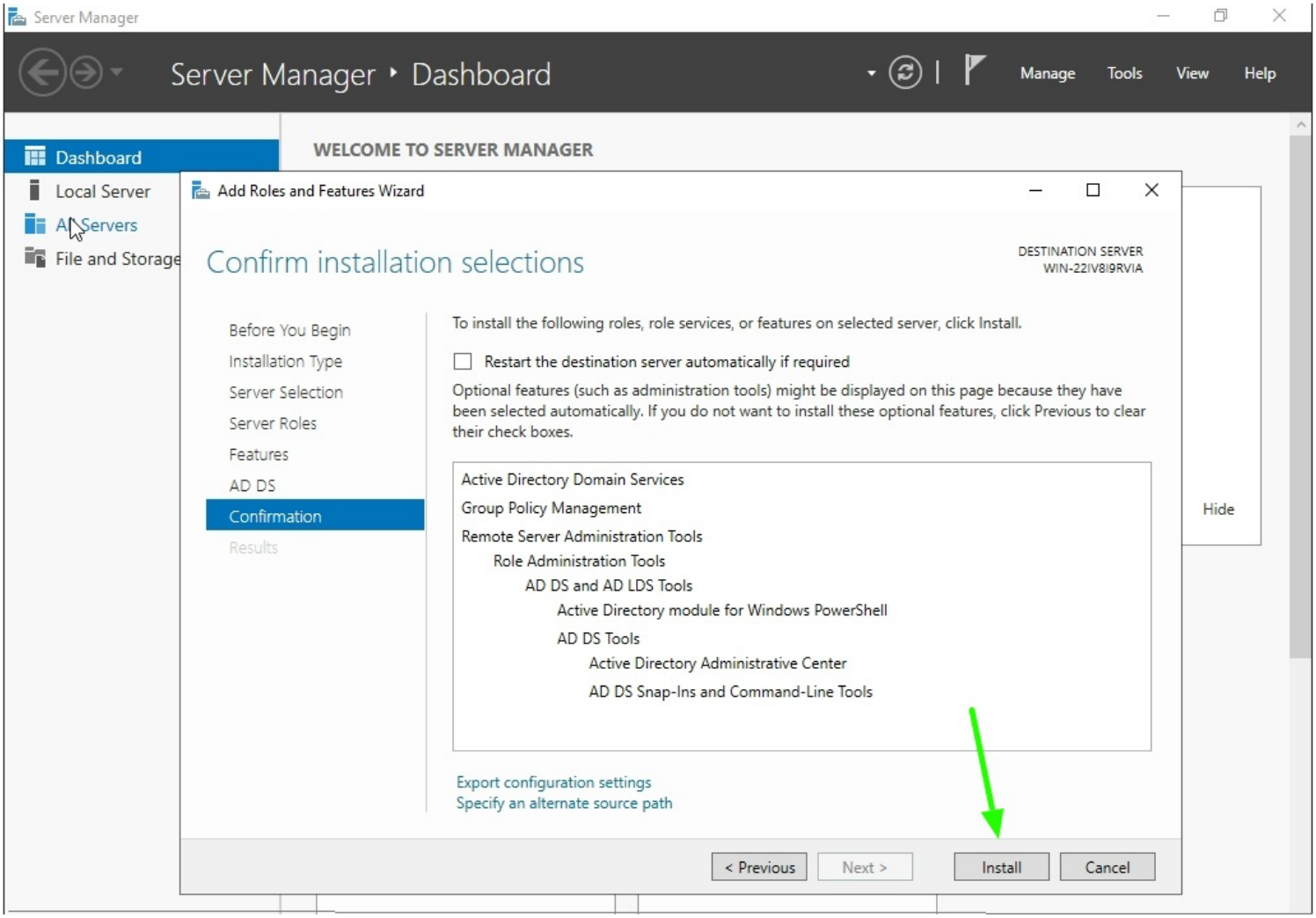
Step 6. You shouldn’t have to select anything at the **Select Features**, so just select **Next**.



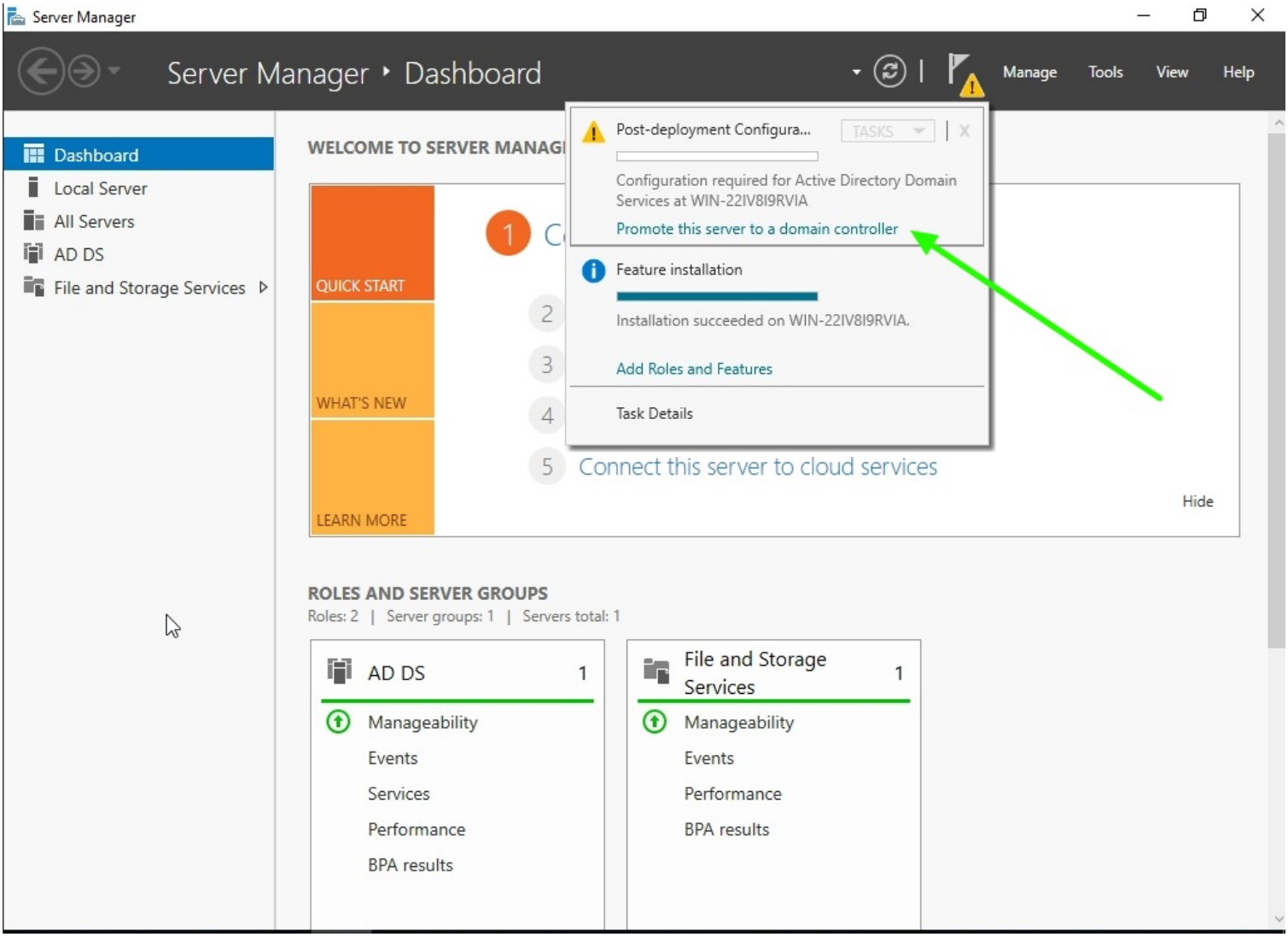
Step 7. Click **Next** in the **AD DS** section.



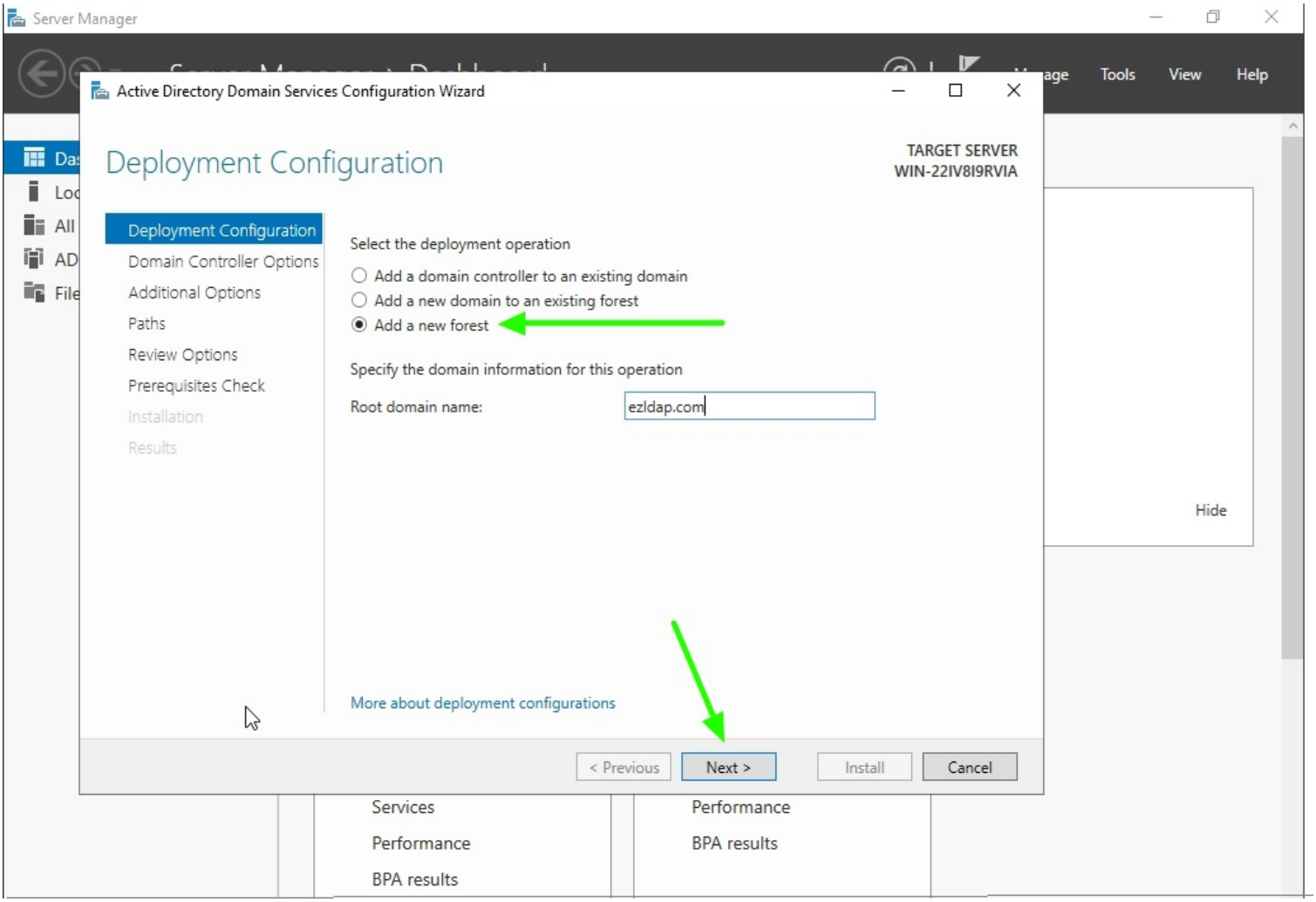
Step 8. On the confirmation window, review everything and then click **Install**.



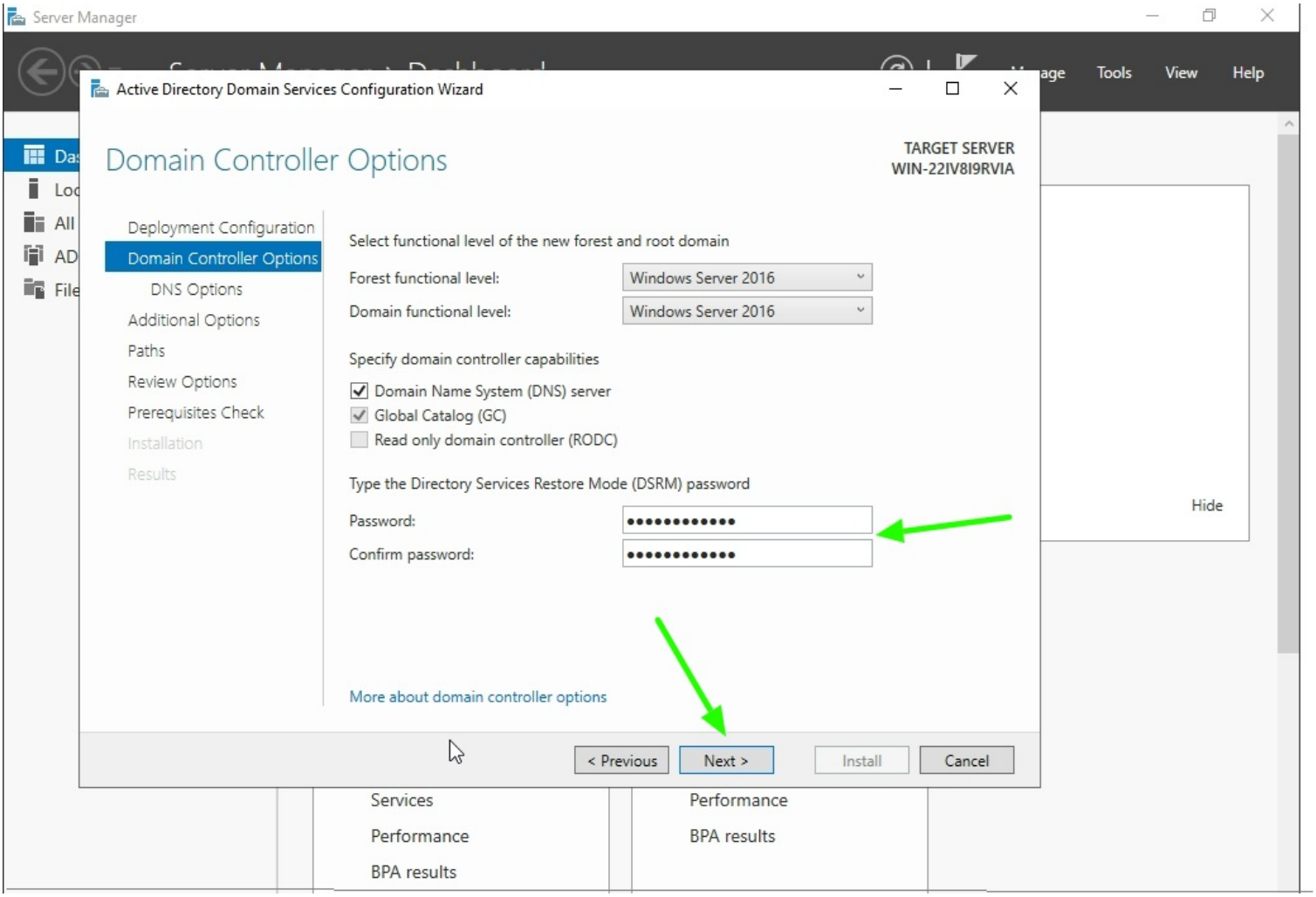
The installation will begin.
When the installation is complete, you need to now promote the server to a domain controller.
Click **Promote this server to a domain controller** (small hyperlink in the results window). Refer the below screenshot.



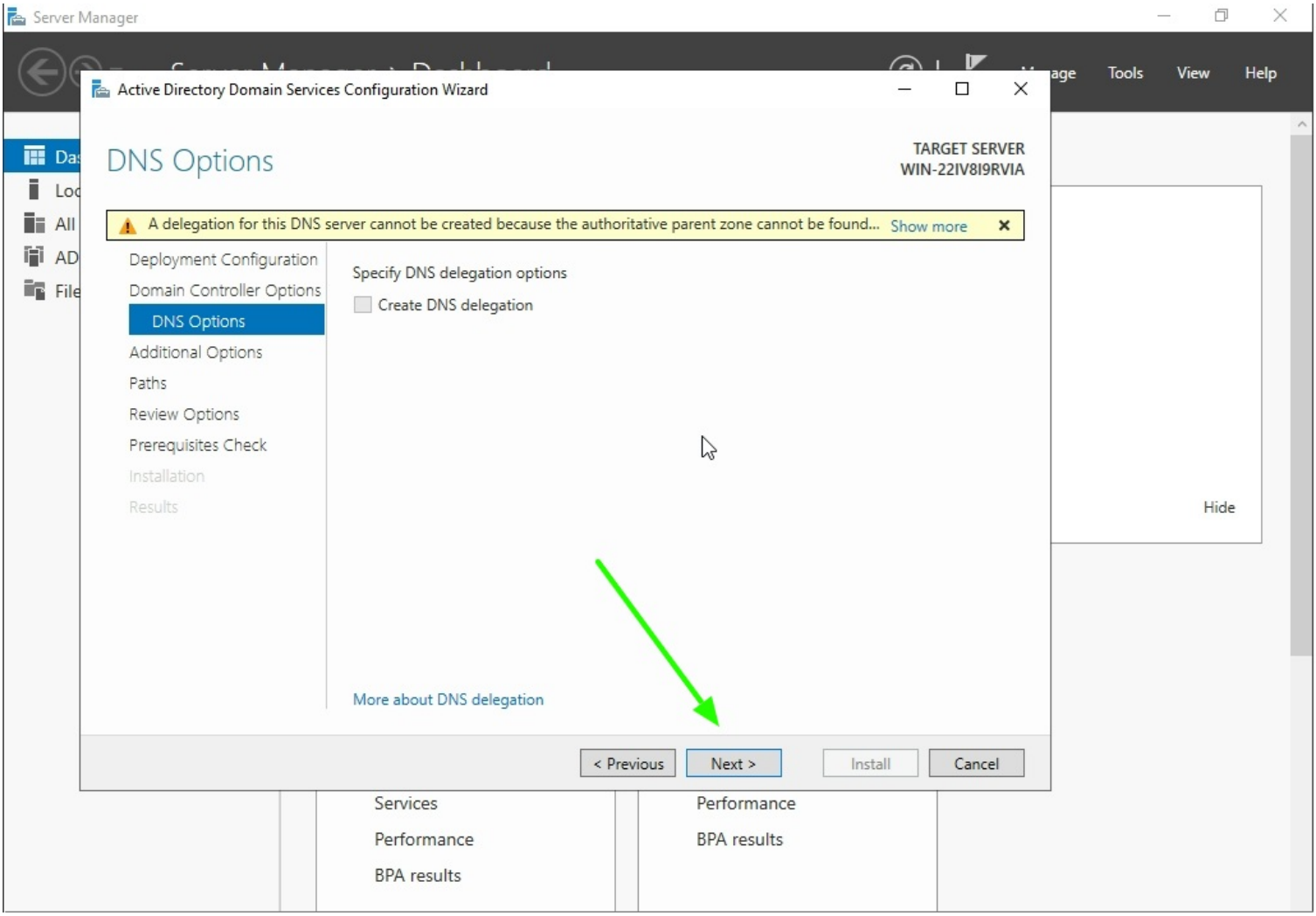
Step 9. Select **Add a new forest**, type in a **domain name** that you want to use (pro-tip: use something like example.com), then click **Next**.



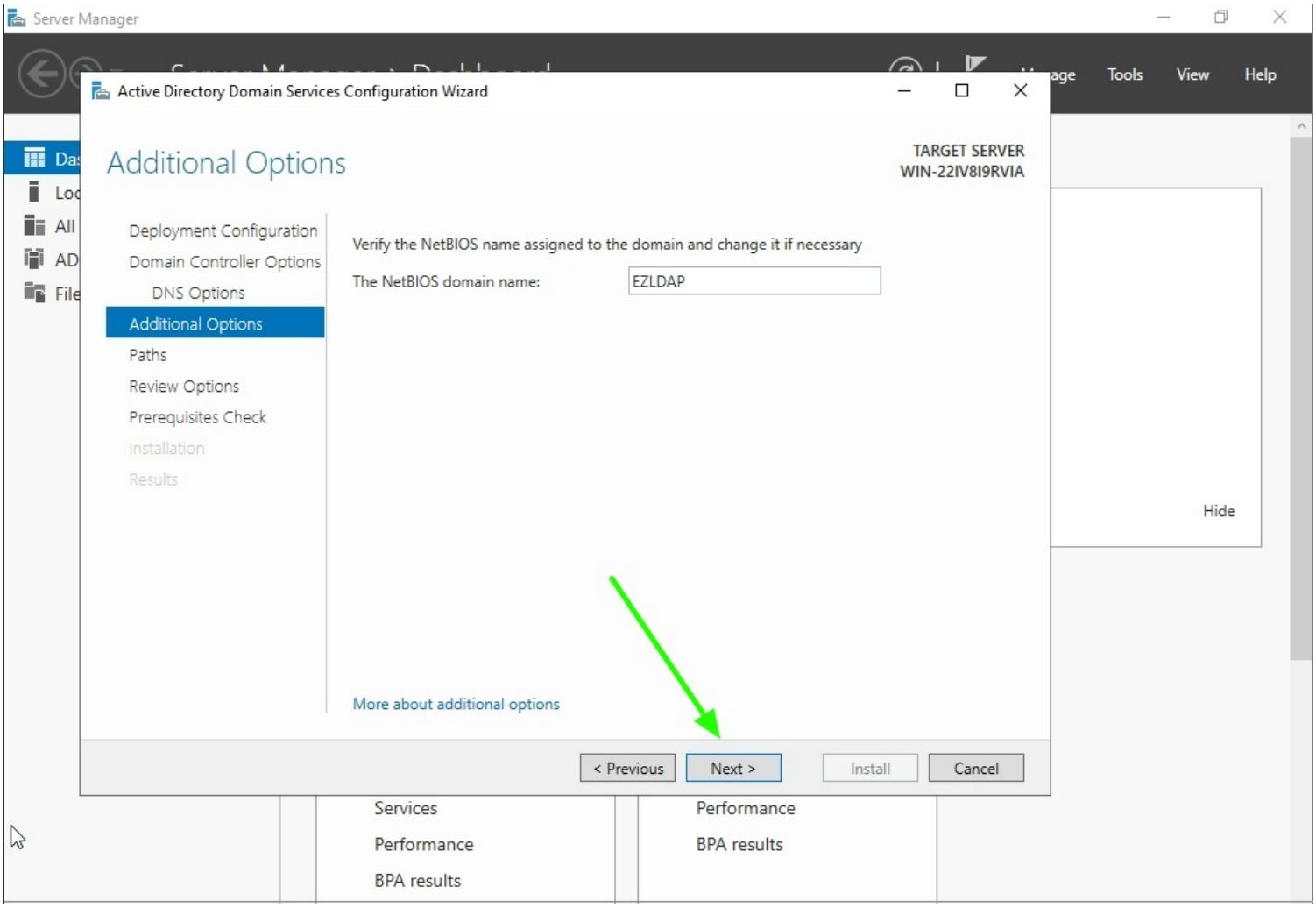
Step 10. Type in a password you want to use for DSRM, then click **Next**.



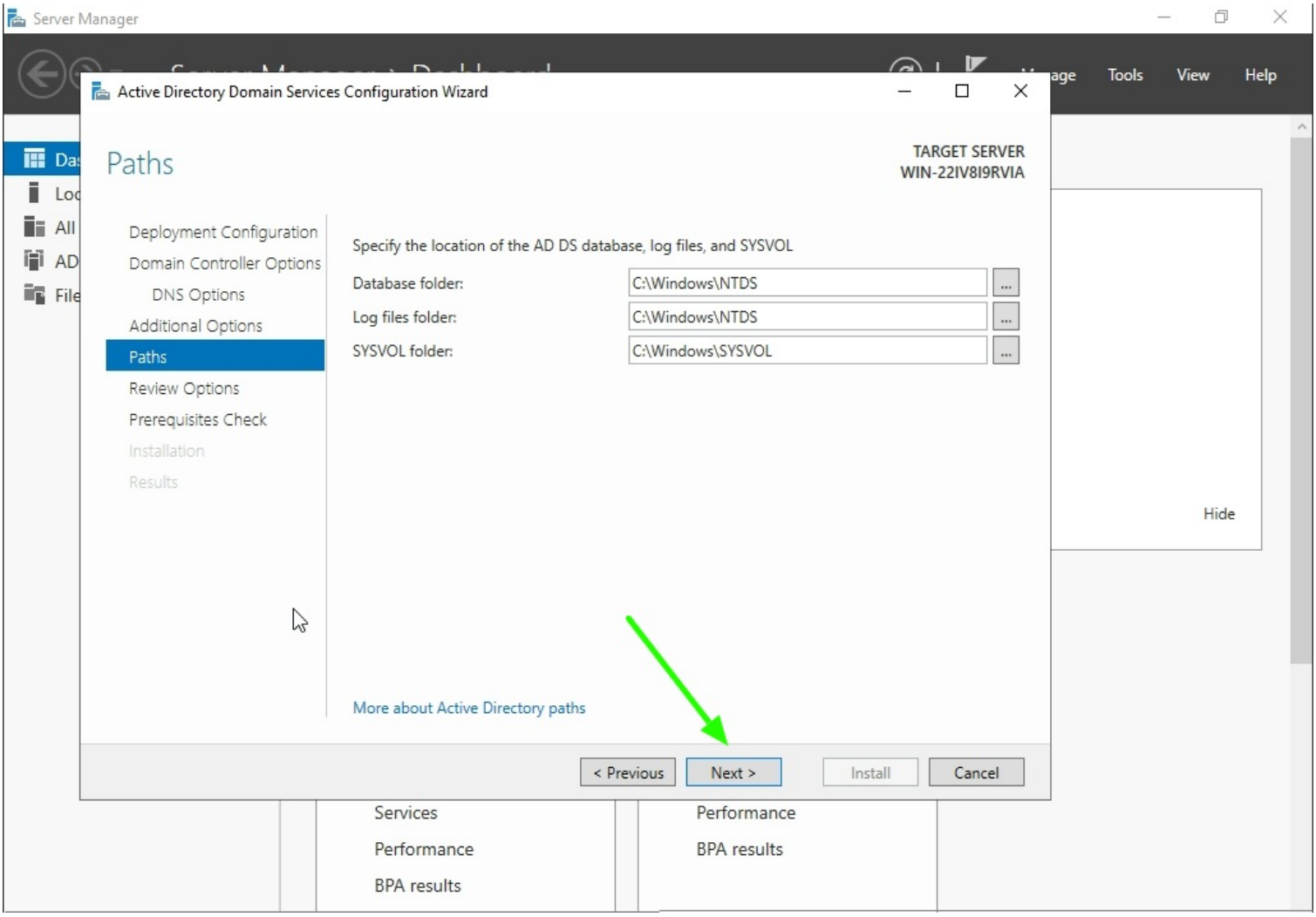
Step 11. Click **Next** on the **DNS Options** page.



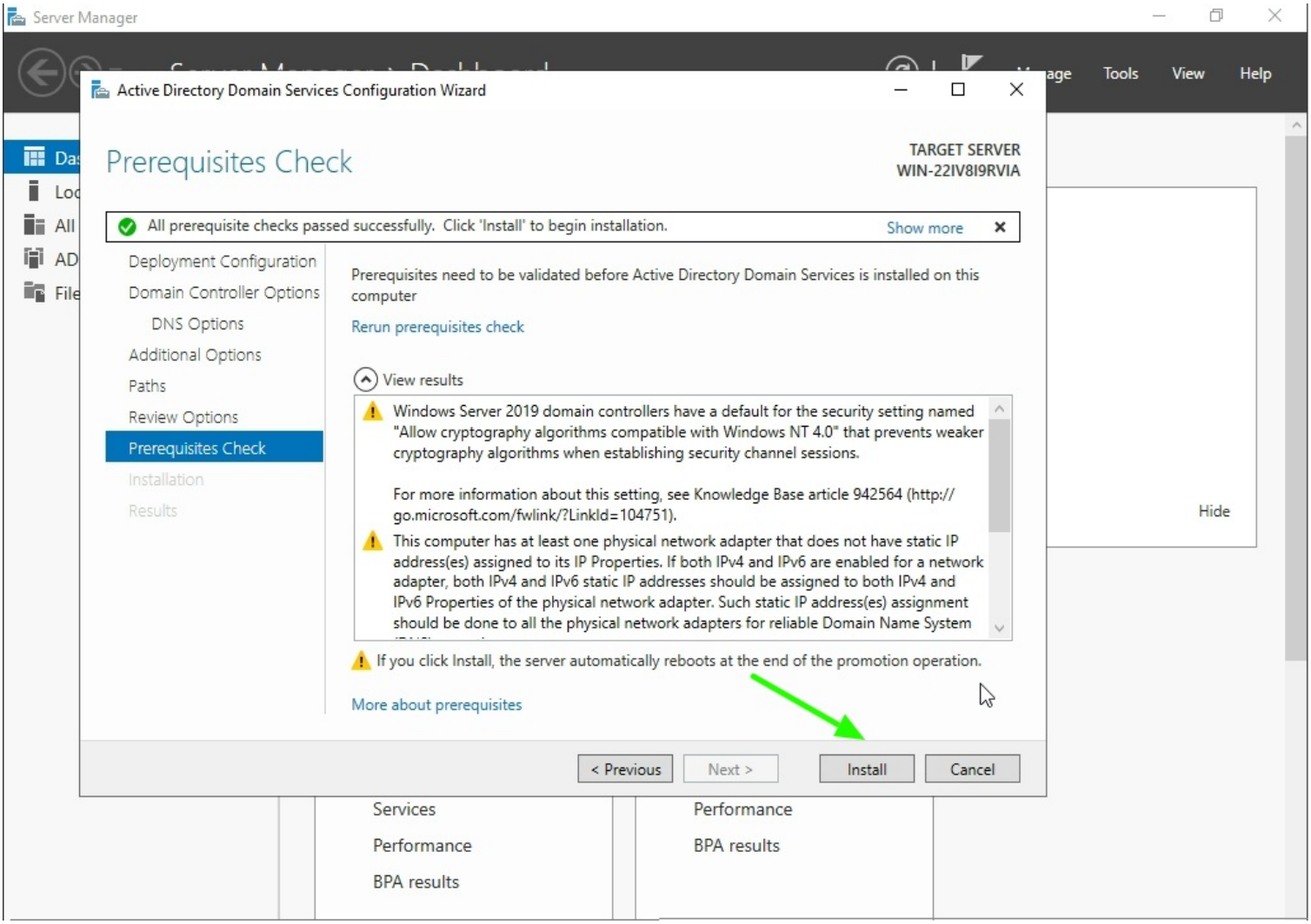
Step 12. Click **Next** on the **Additional Options** page.



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

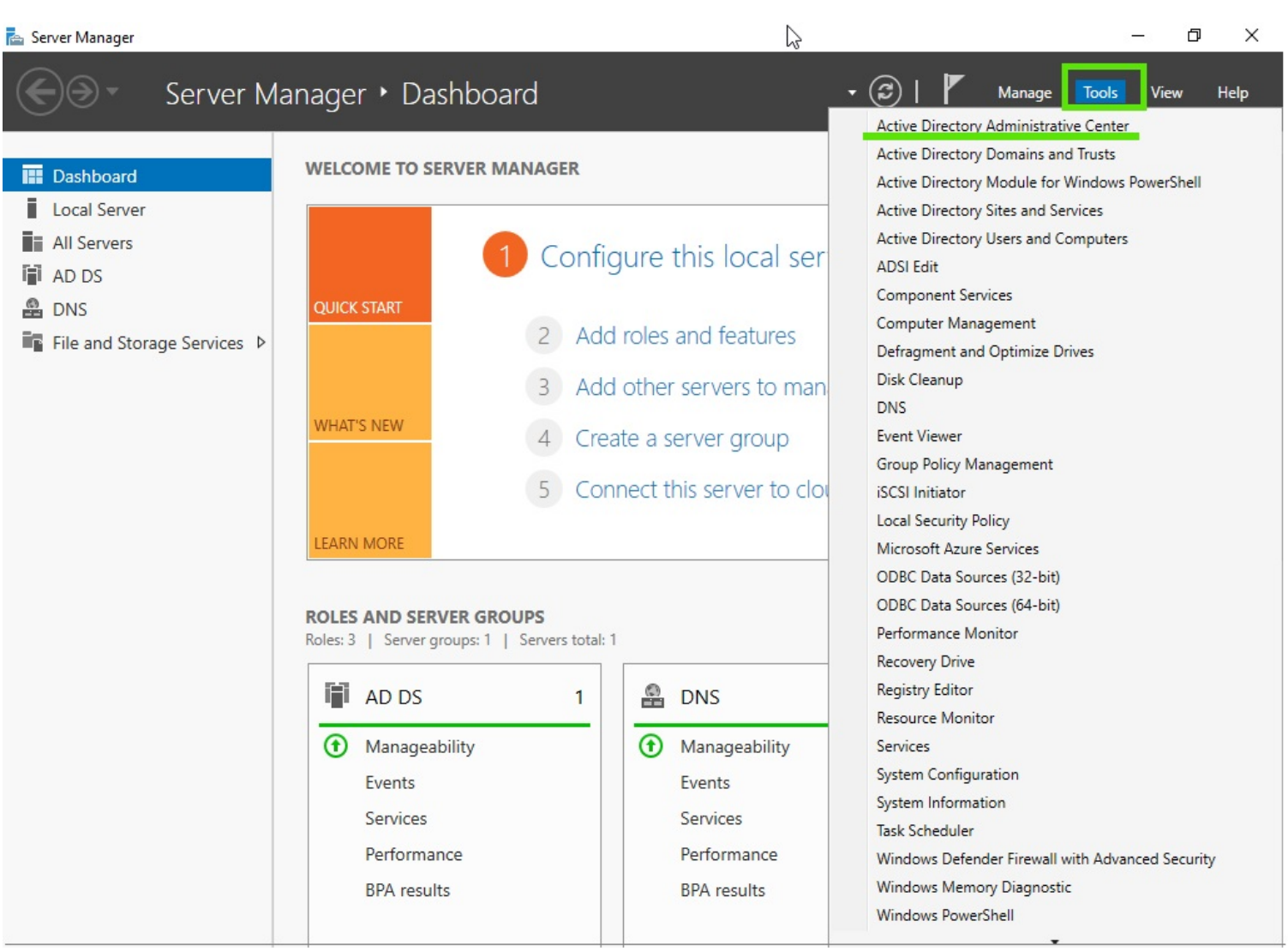


Step 14. Click **Next** on the Review Options screen, then **click Install on the prerequisites check page**.

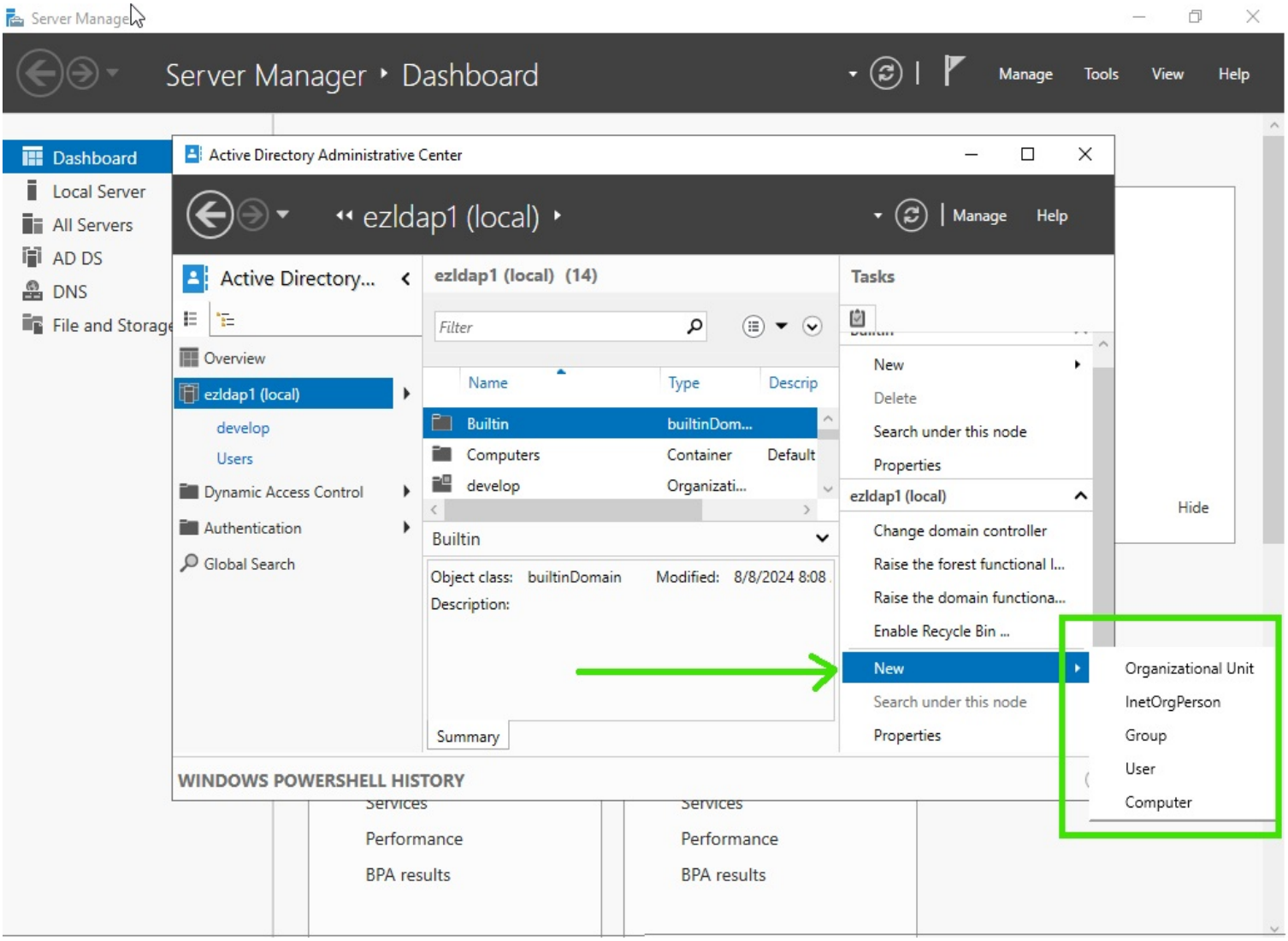


The installation (promotion process) will begin. The server will reboot during this process.
When the installation is complete, log back in (this time you will be logging into the server with domain credentials)

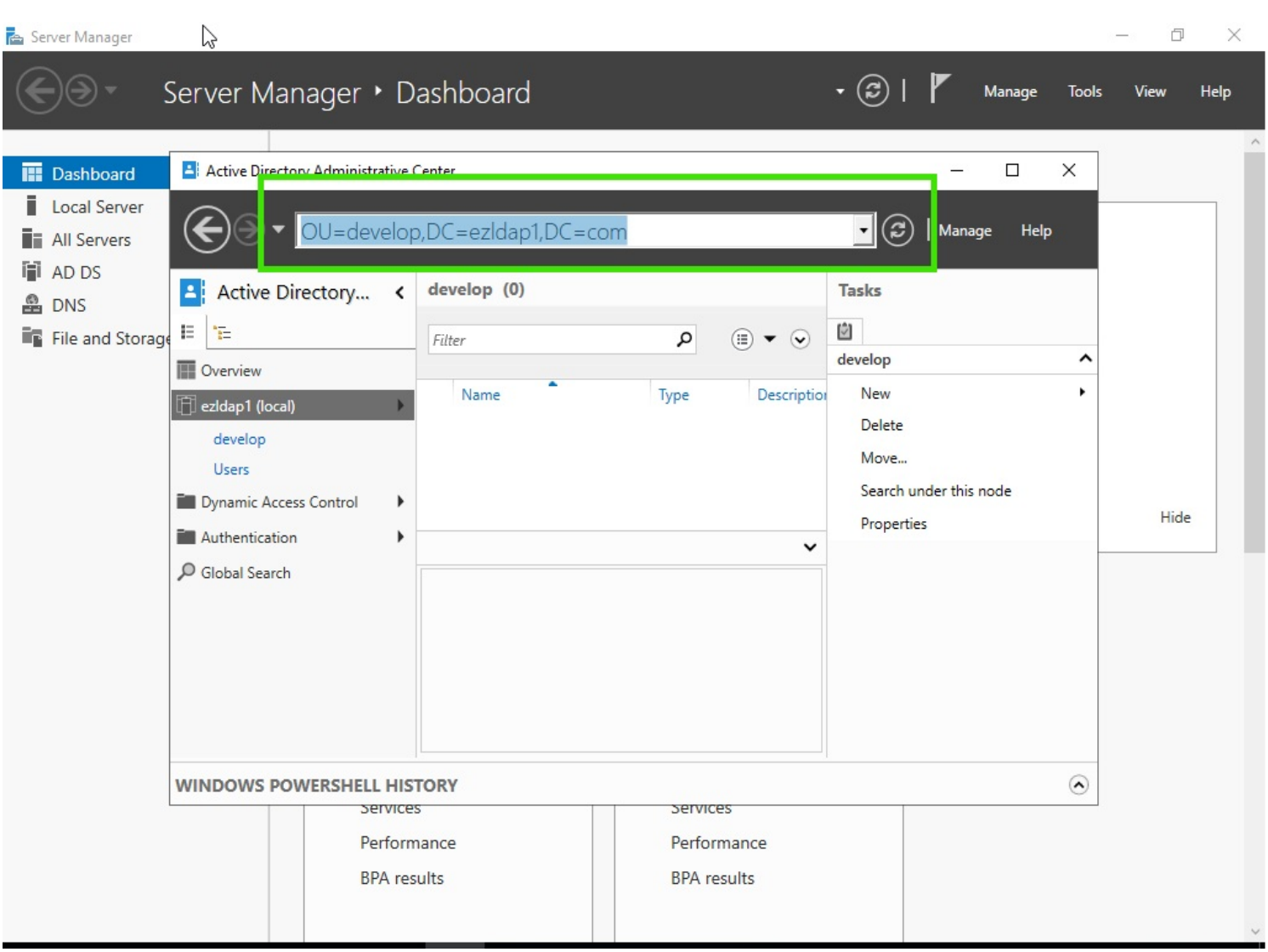
Step 15. From **Server Manager**, click **Tools** then **Active Directory Administrative Center**



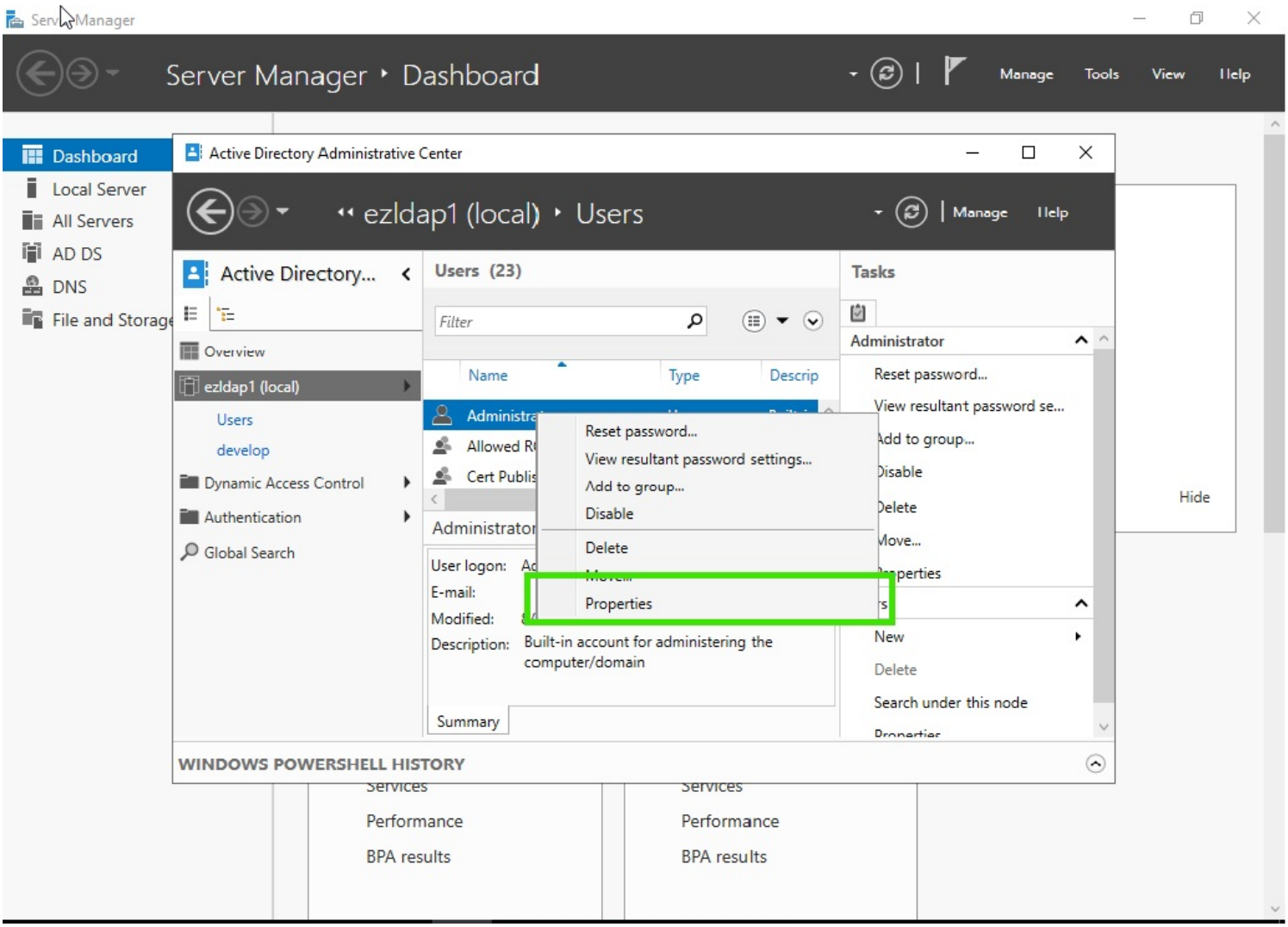
Step 16. There you can add new **AD Users**, **Organizational Unit** and **Groups**

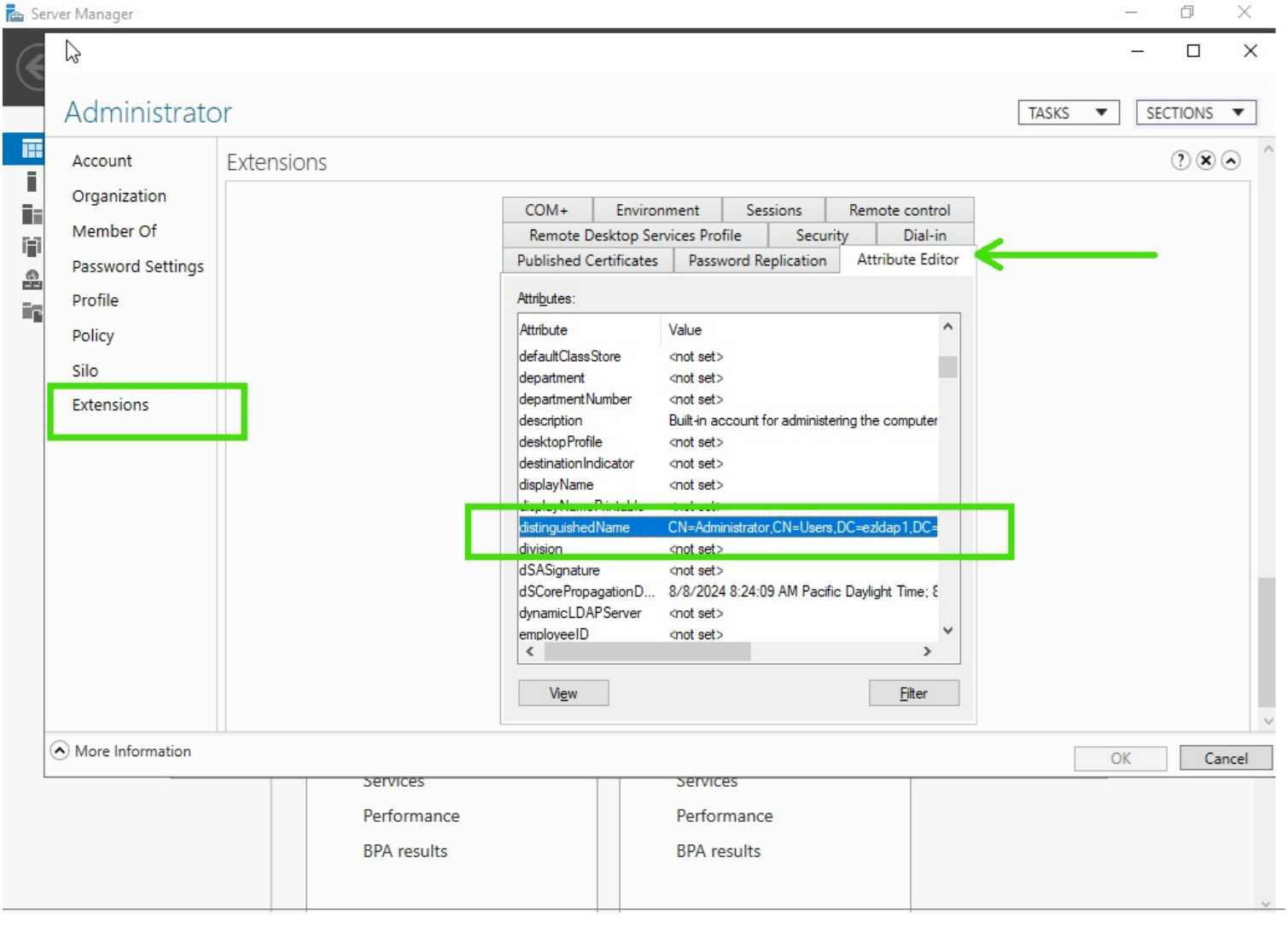


Step 17. You will be able to find the DN of the Organizational unit by clicking on the title bar



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


Server Manager
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
AD DS
DNS
File and Storage
Active Directory Administrative Center
ezldap1 (local) • Users
Manage Help
Active Directory...
Overview
ezldap1 (local)
Users
develop
Dynamic Access Control
Authentication
Global Search
Users (23)
Filter
Name Type Descrip
Reset password...
View resultant password settings...
Add to group...
Disable
Delete
Properties
User logon:
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
Hide
WINDOWS POWERSHELL HISTORY
Services
Performance
BPA results
Services
Performance
BPA results


Server Manager
Administrator
TASKS
SECTIONS
Account
Organization
Member Of
Password Settings
Profile
Policy
Silo
Extensions
Extensions
COM+ Environment Sessions Remote control
Remote Desktop Services Profile Security Dial-in
Published Certificates Password Replication Attribute Editor
Attributes:
Attribute Value
defaultClassStore <not set>
department <not set>
departmentNumber <not set>
description Built-in account for administering the computer
desktopProfile <not set>
destinationIndicator <not set>
displayName <not set>
distinguishedName CN=Administrator,CN=Users,DC=ezldap1,DC=
division <not set>
dSASignature <not set>
dSCorePropagationD... 8/8/2024 8:24:09 AM Pacific Daylight Time;
dynamicLDAPServer <not set>
employeeID <not set>
View
Filter
More Information
OK
Cancel
Services
Performance
BPA results
Services
Performance
BPA results

Related Articles

Configure Ezeelogin to authenticate using Windows_AD(Pam-Ldap) in ubuntu?

How do I configure Ezeelogin to authenticate using Windows_AD(Pam-LDAP) in CentOS?

How do I configure Ezeelogin to authenticate using OpenLdap or Window AD server?

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