Logbook 9

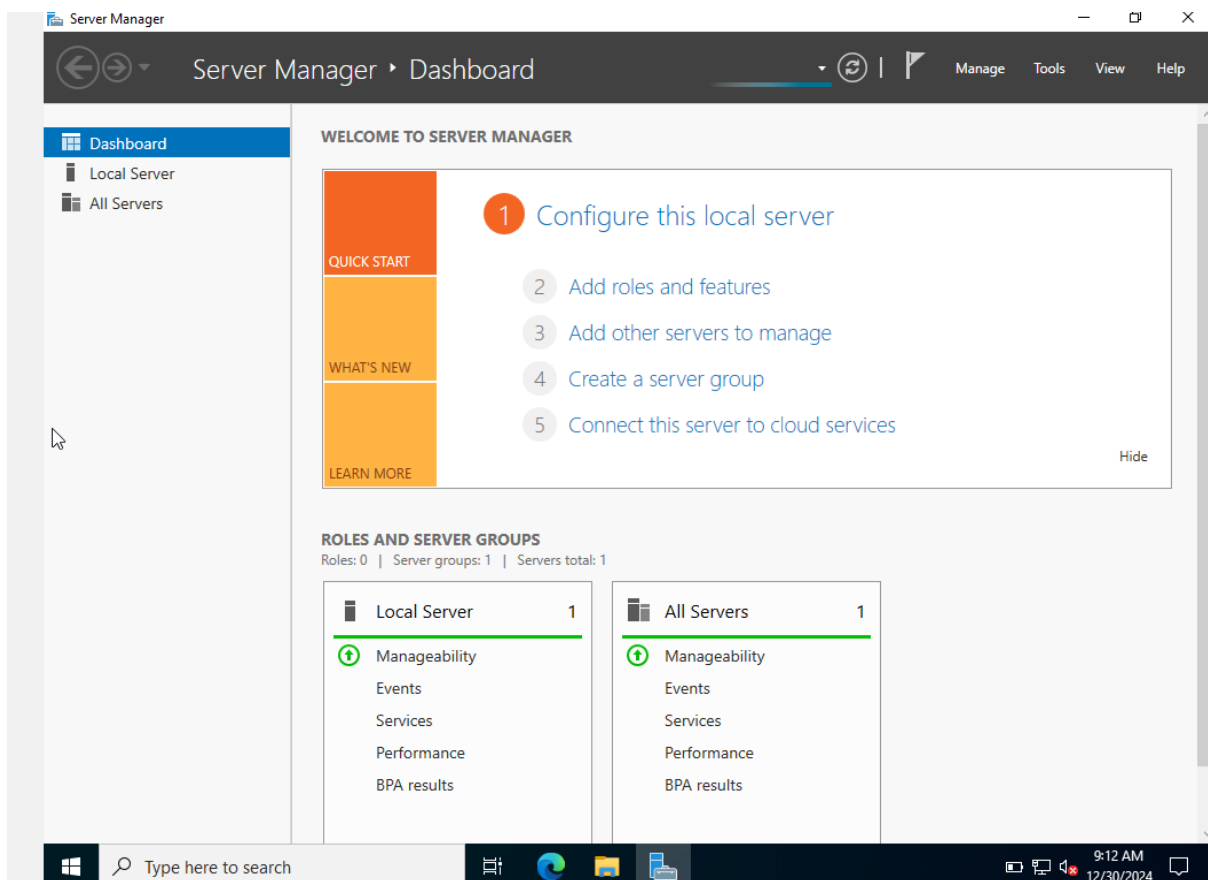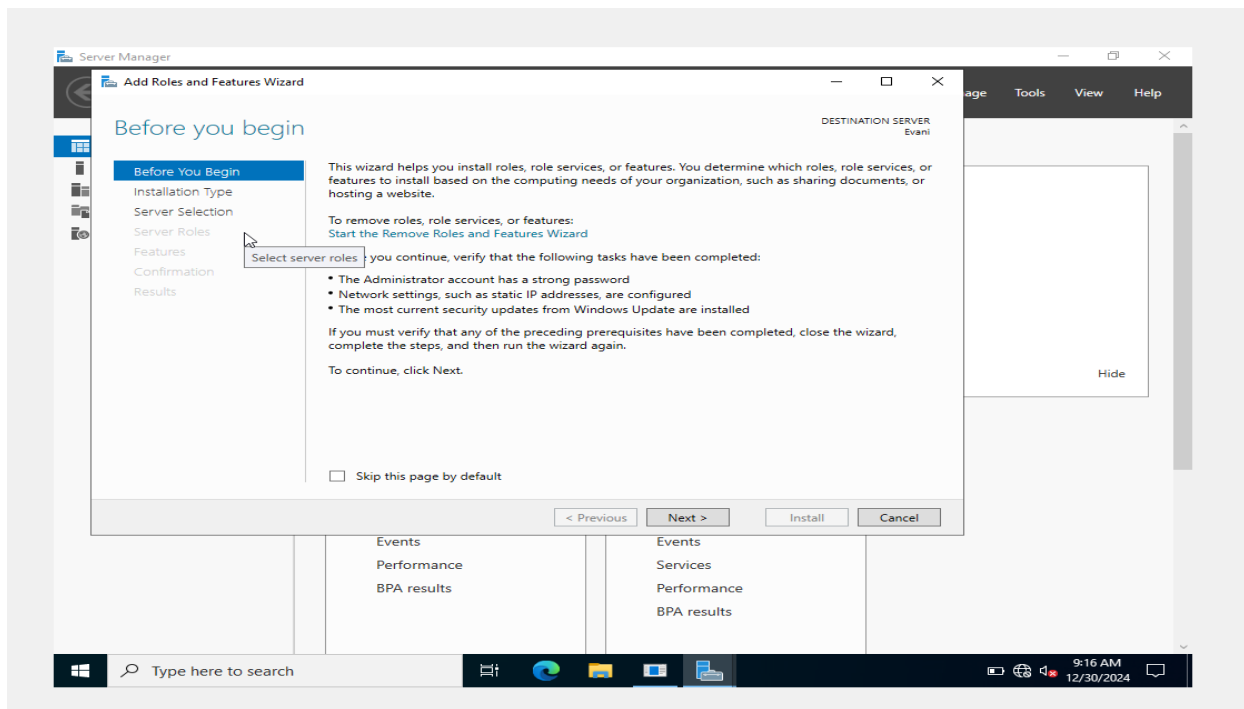**Follow the below steps to install Active Directory Domain Services:**

Step 1: First, sign in to Windows Server 2022 as an administrator, and next, open the Server Manager as demonstrated below.


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Step 2: Select the Add Roles and Features option, which will open the Add Roles and Features Wizard, as shown below.

**Step 3:** Click on Select a server from the server pool, then hit Next. You'll then see the screen to choose server roles, as displayed below.
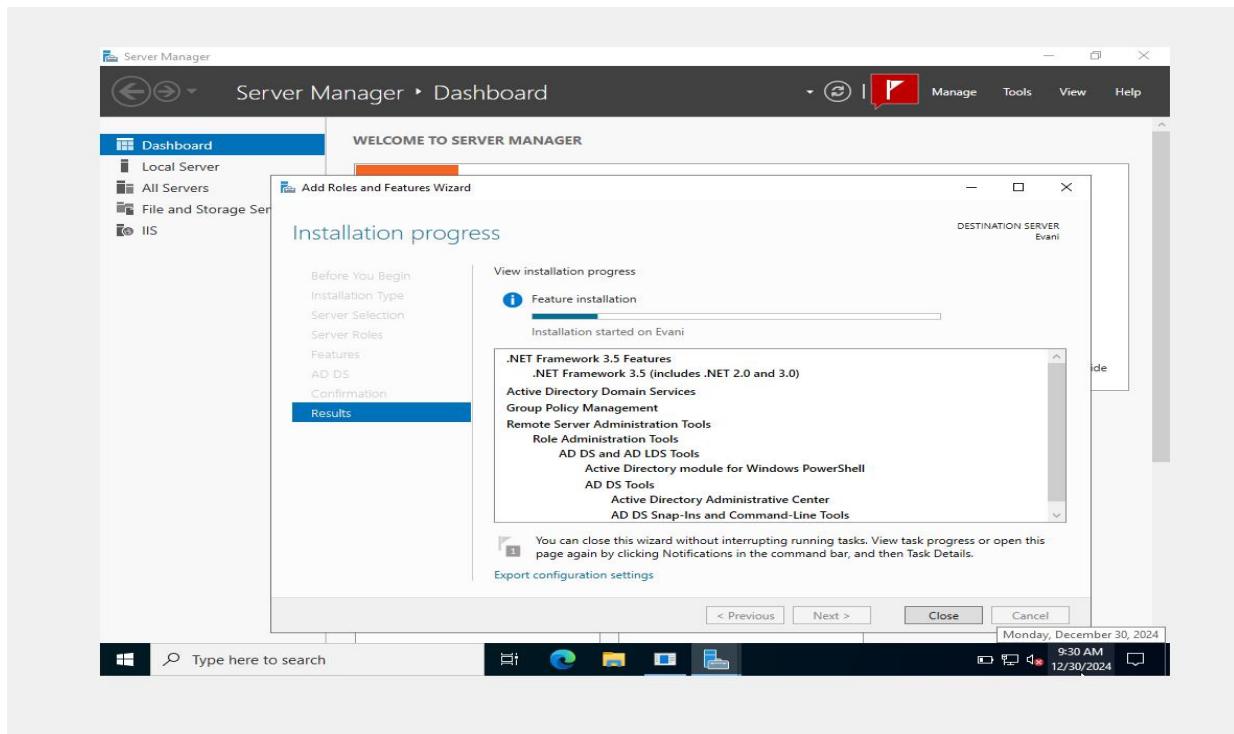

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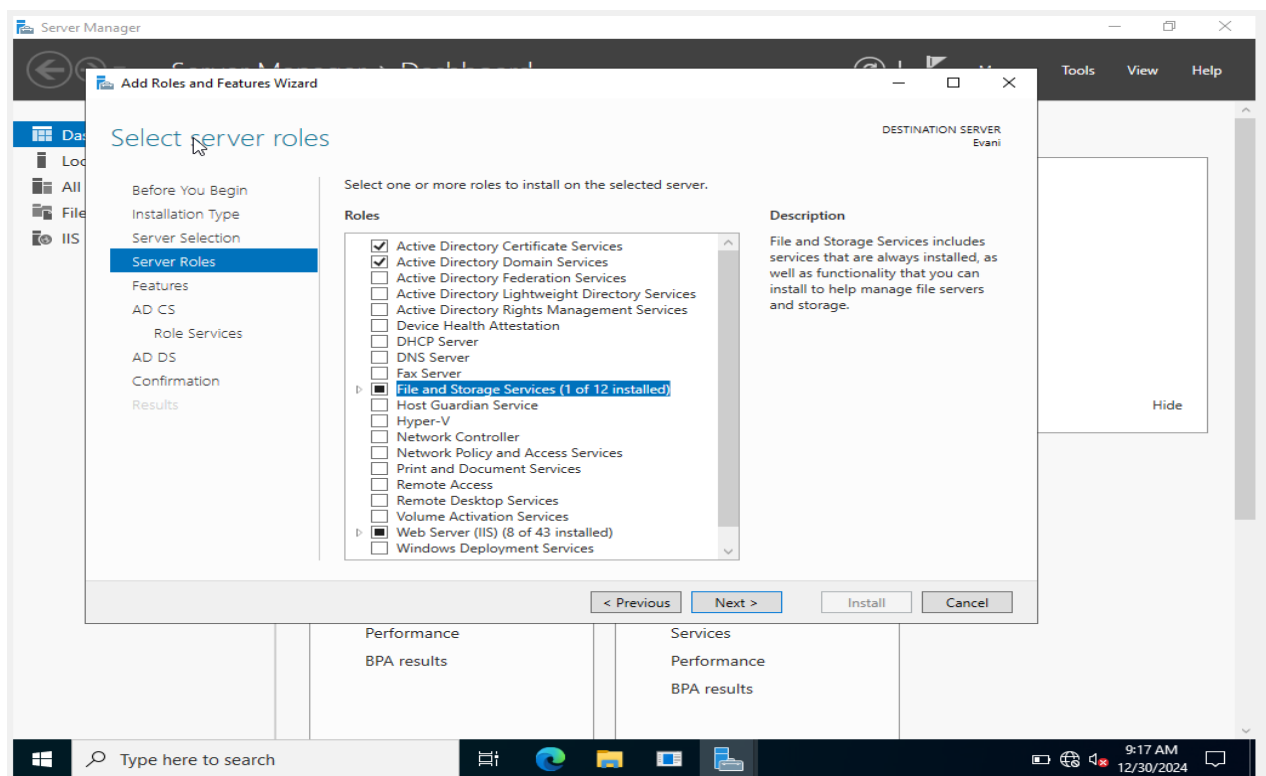
Step 4: Choose Active Directory Domain Services and click Next. You will then be prompted to select features, as illustrated below.
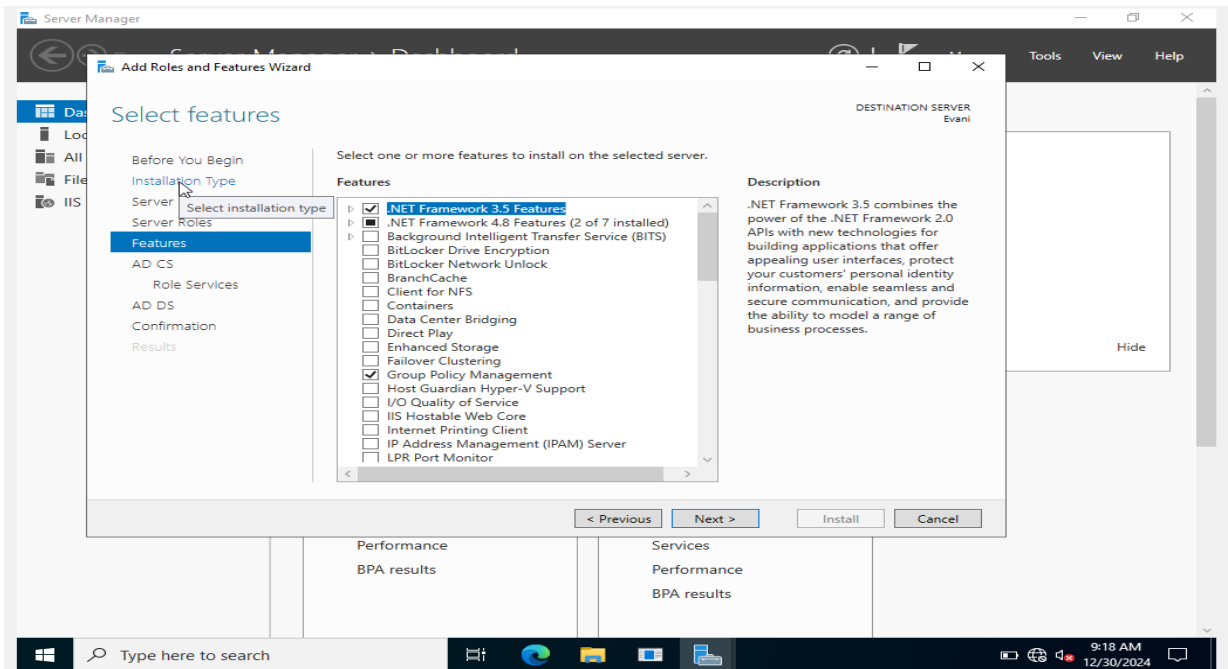
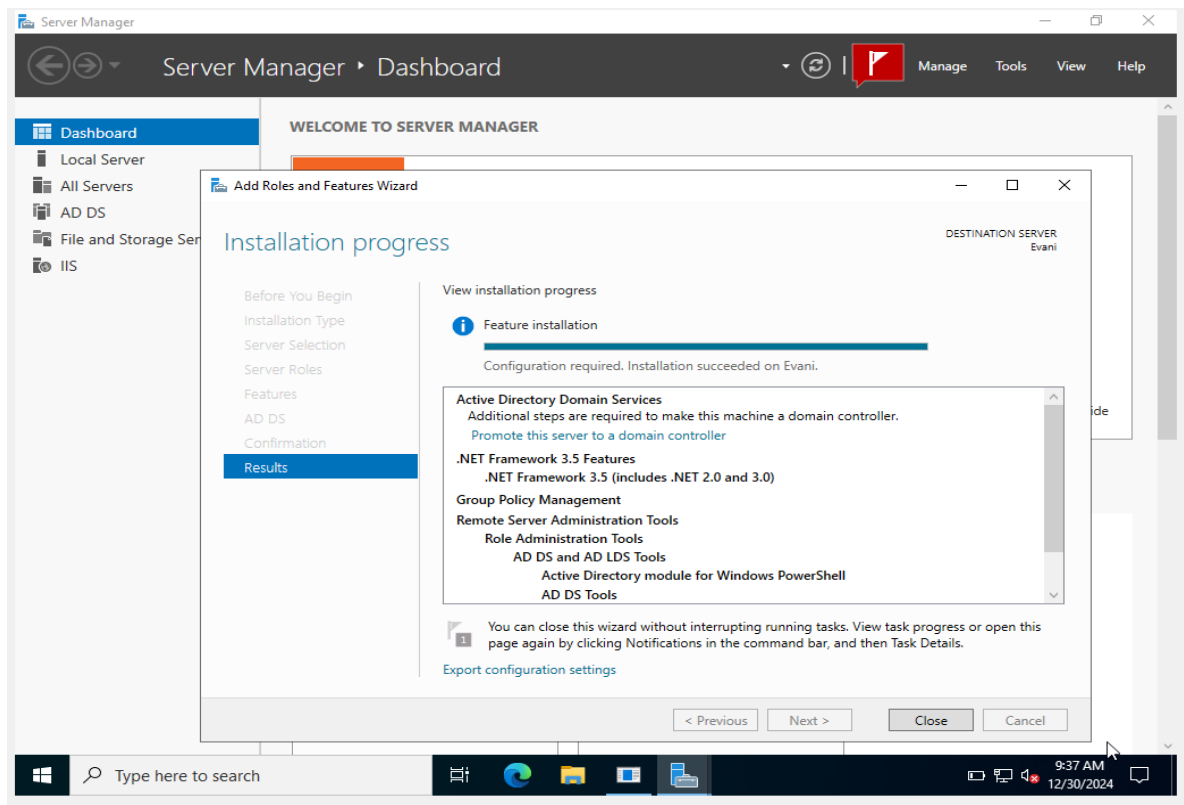**Step 5:** Leave all settings at their default and click Next. The following screen will display the "Confirm Installation Selections" page.
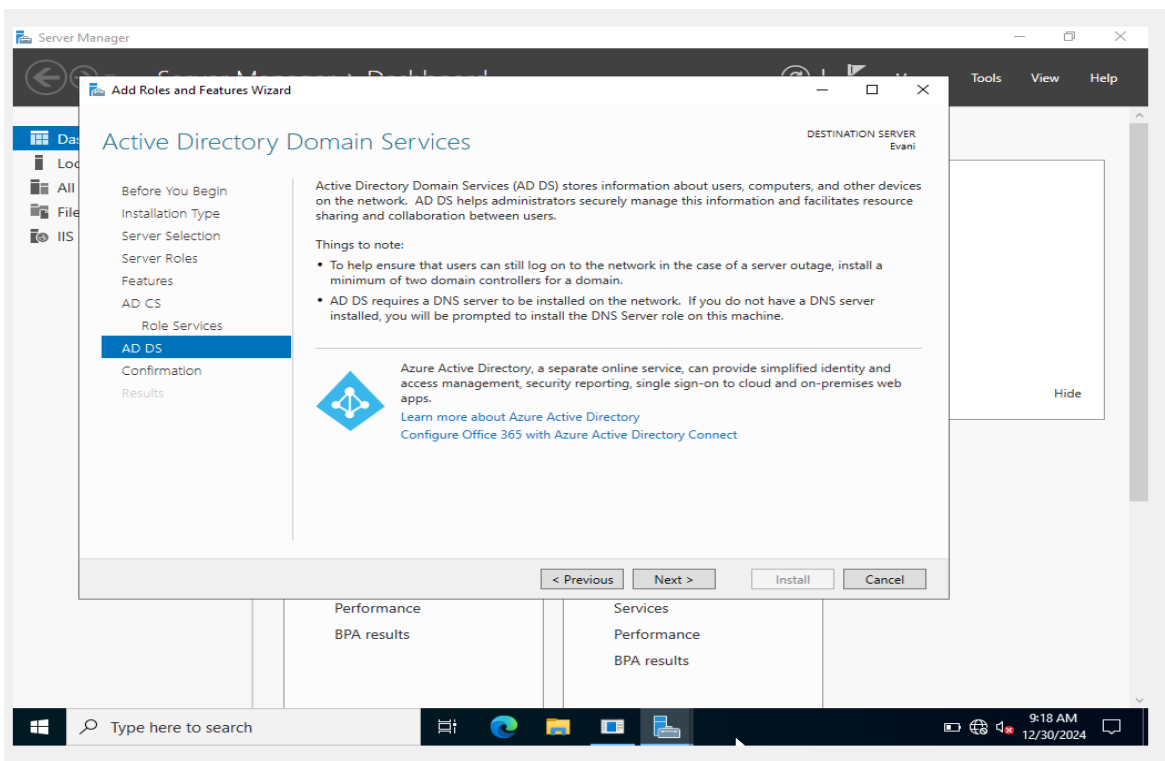
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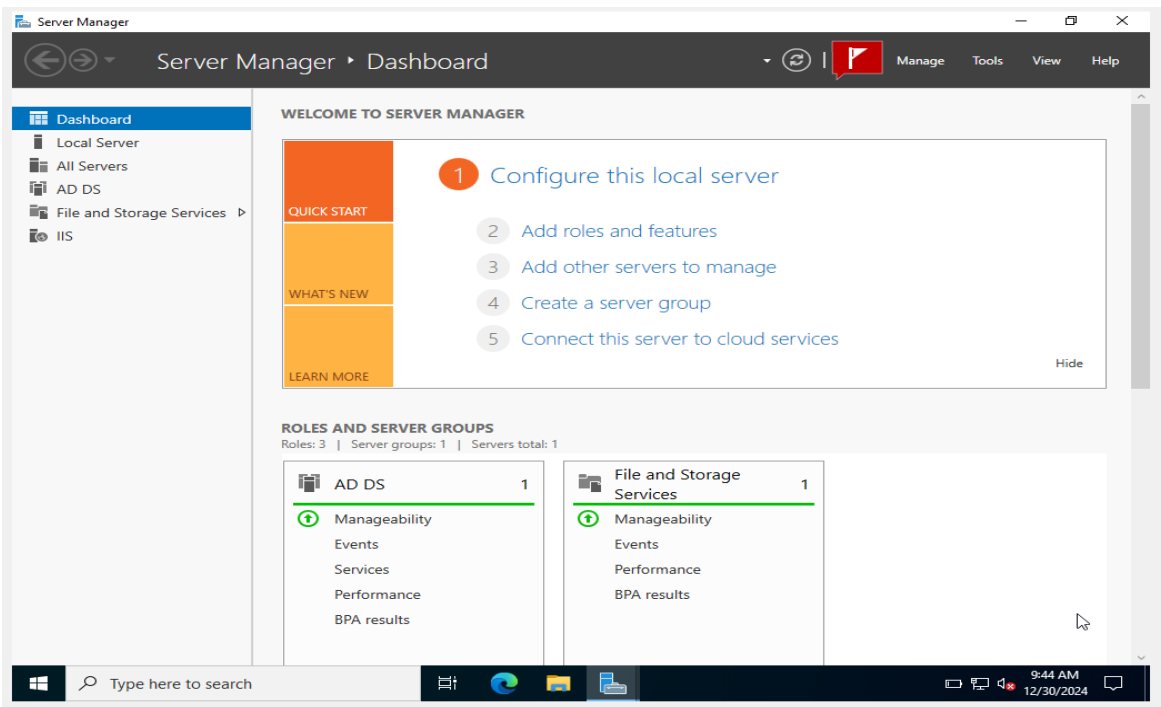**Step 6**: Click on the Install button to start the installation.

Step 7: Once the installation has been finished. You should see the following page.
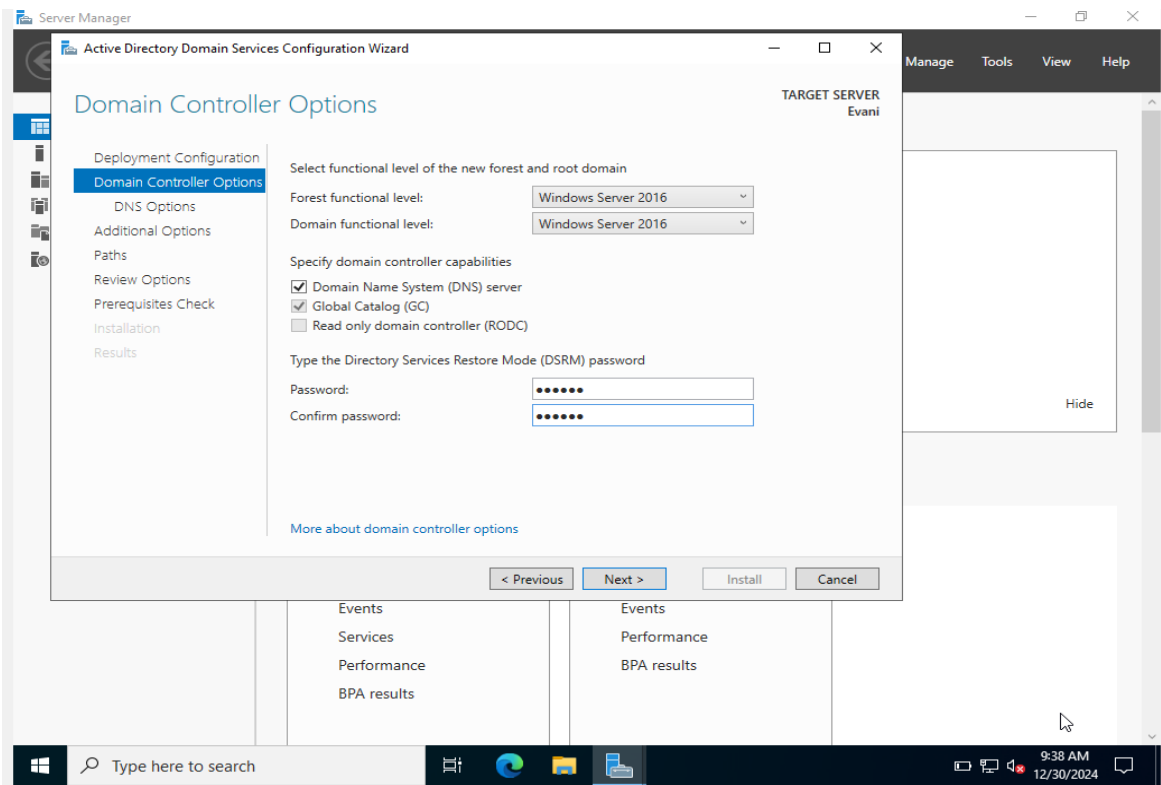

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Step 8: Press the yellow notification icon, and the subsequent page will appear.
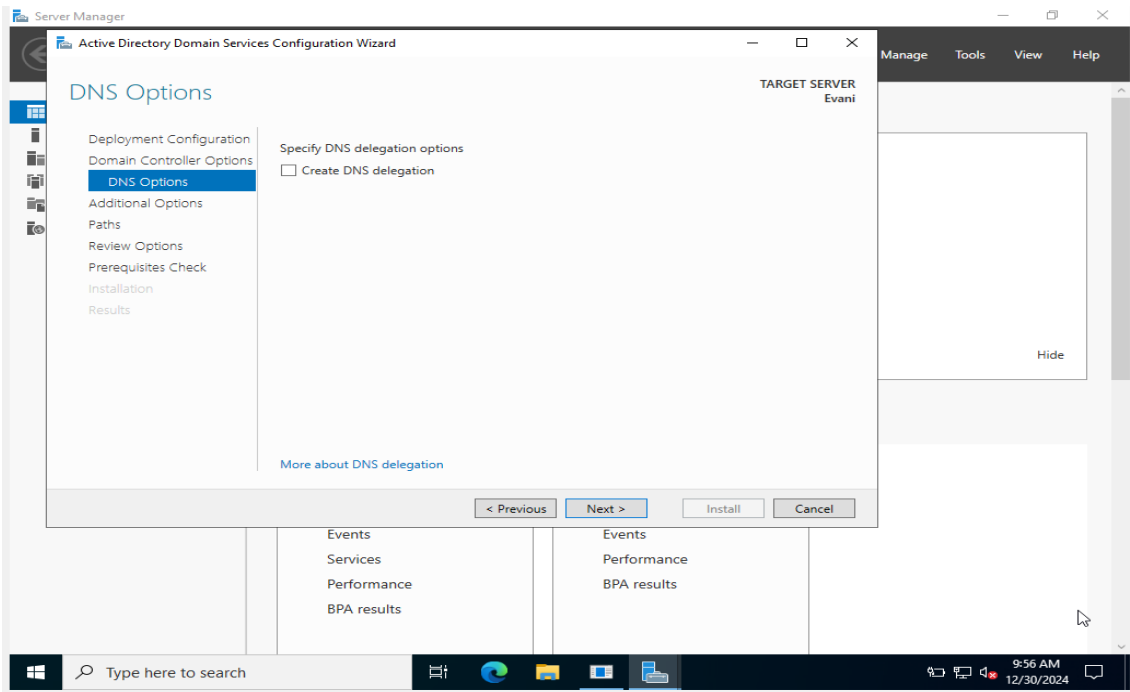

Step 9: Choose Add a new forest, specify your domain name, and click Next. The domain controller options page will appear next.
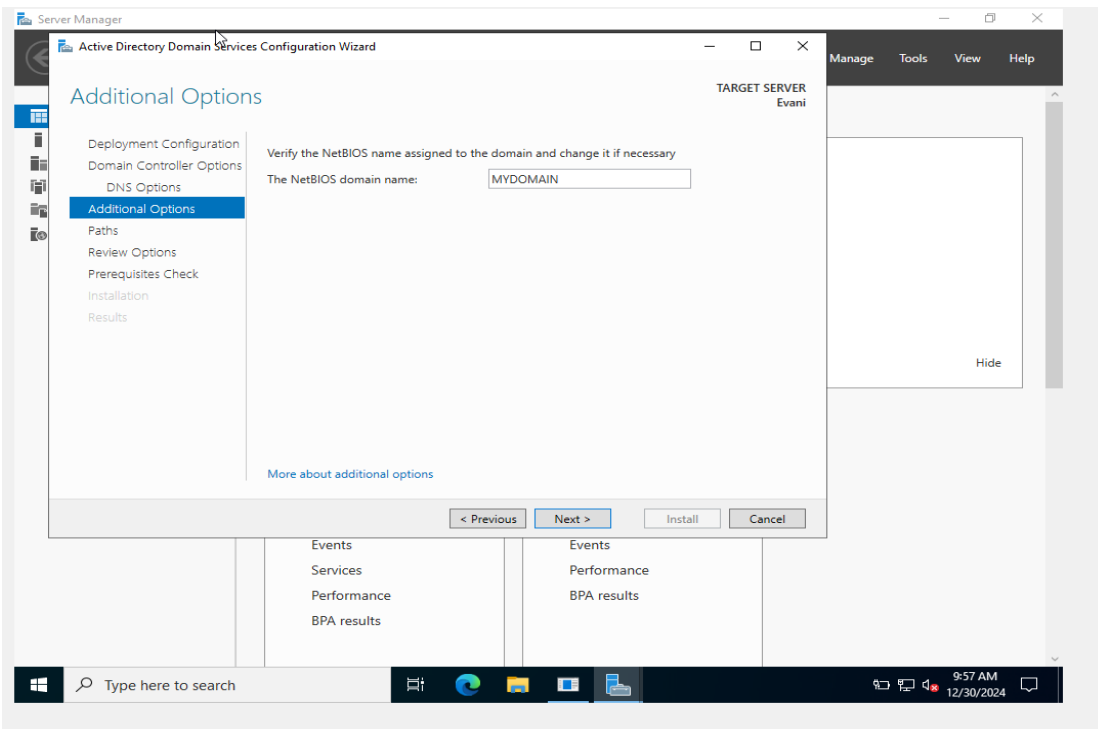

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Step 10: Enter your Directory Service Restore Mode password, then click Next. You will then see the DNS options page.
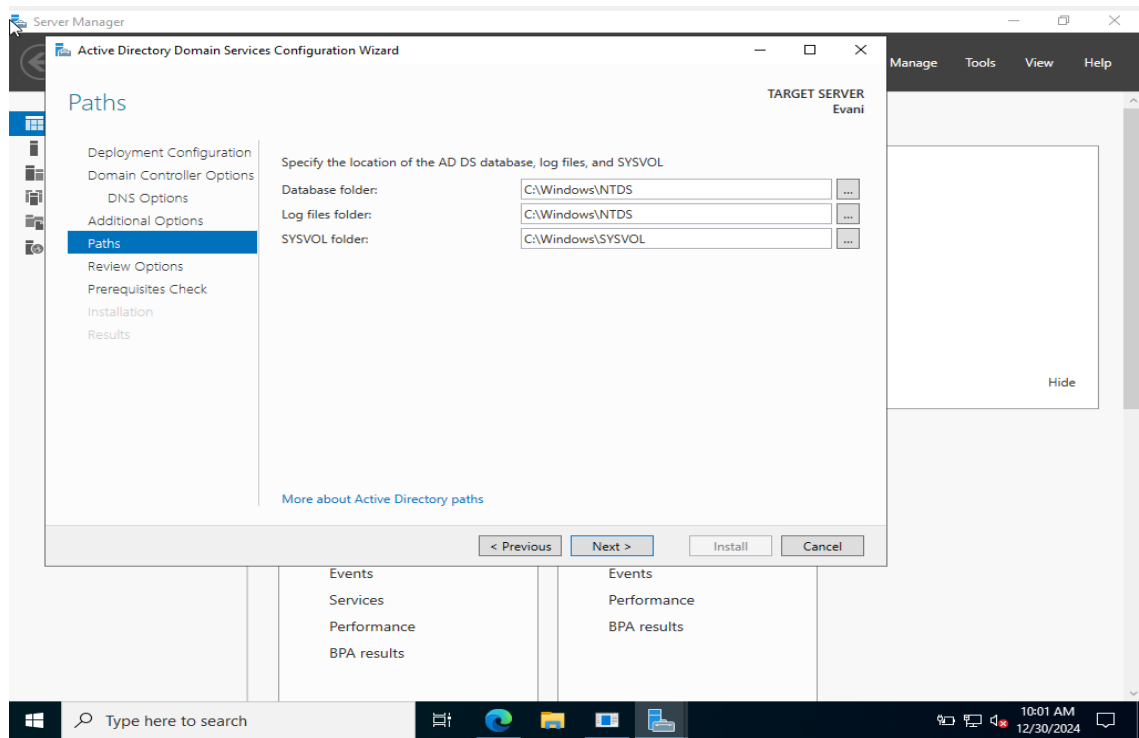

Step 11: Leave the default settings unchanged and press Next. The next screen will ask you to define a NetBIOS name, as illustrated below.
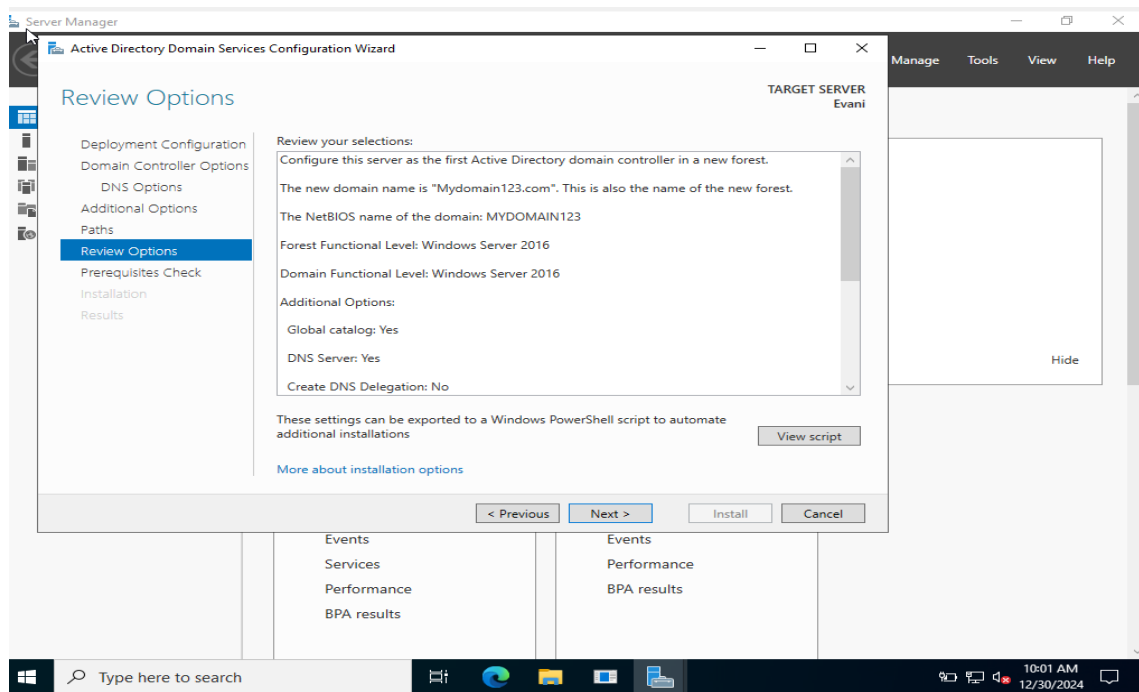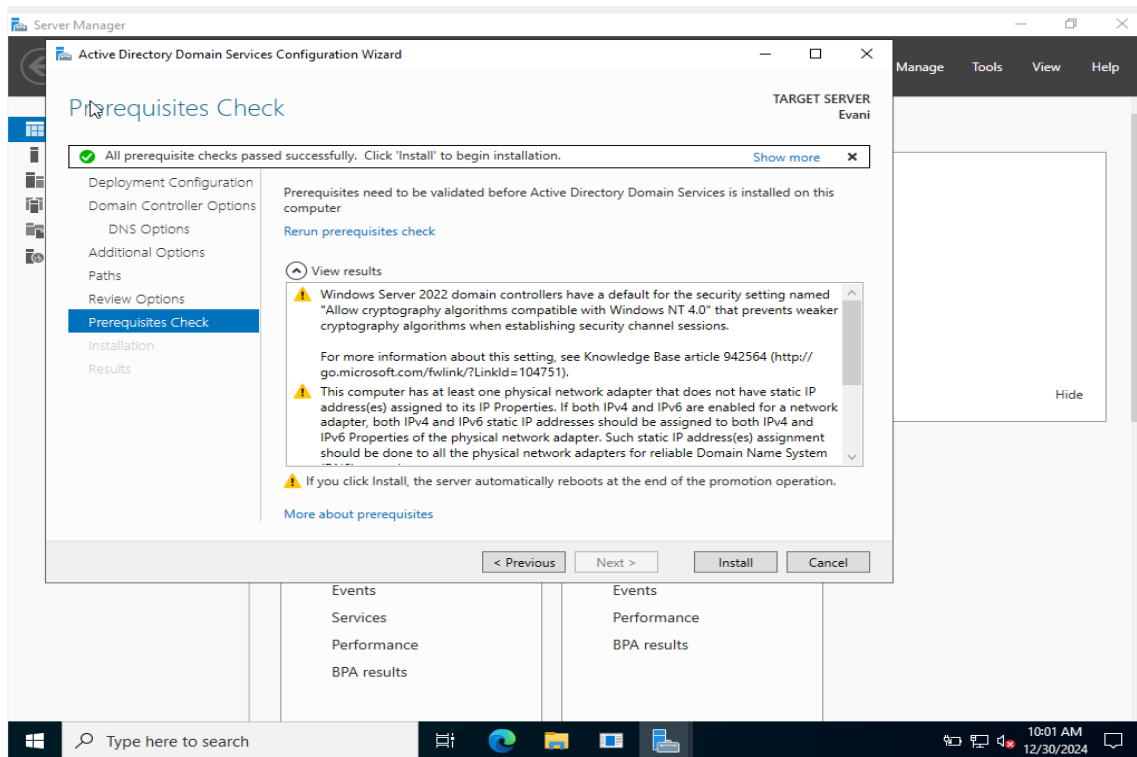

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Step 12: Choose your NetBIOS name and click Next. You will be asked to provide the location for the AD DS database path.
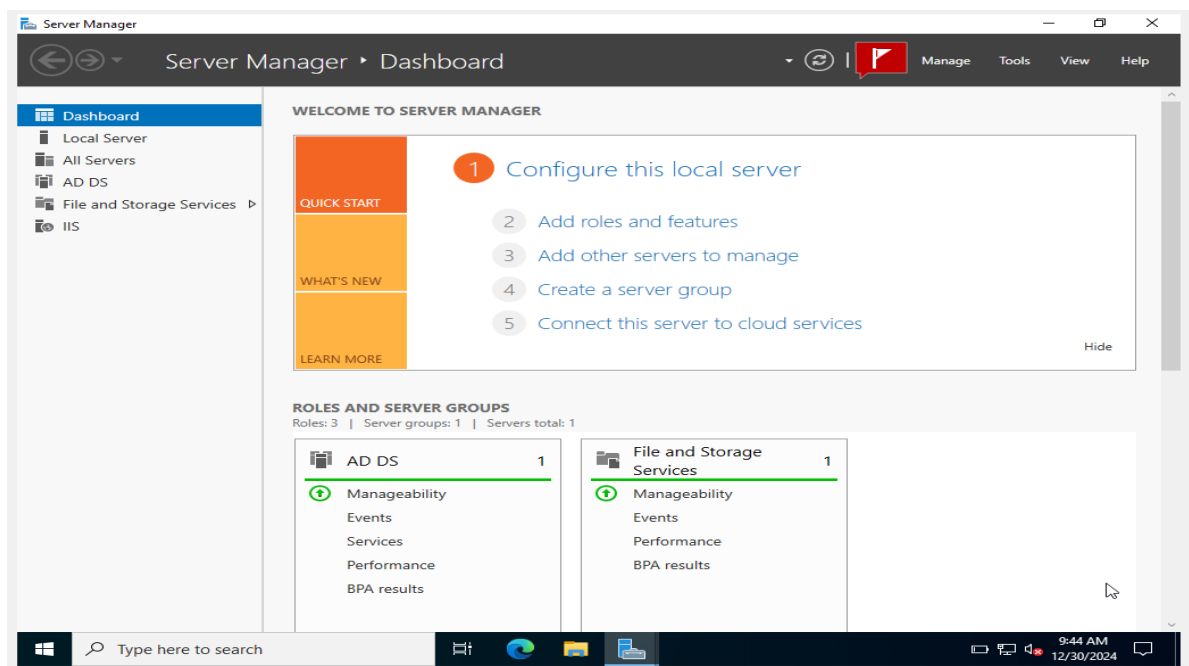

Step 13: Keep the default path unchanged and click Next. The next screen will display the "Review All Options" page.

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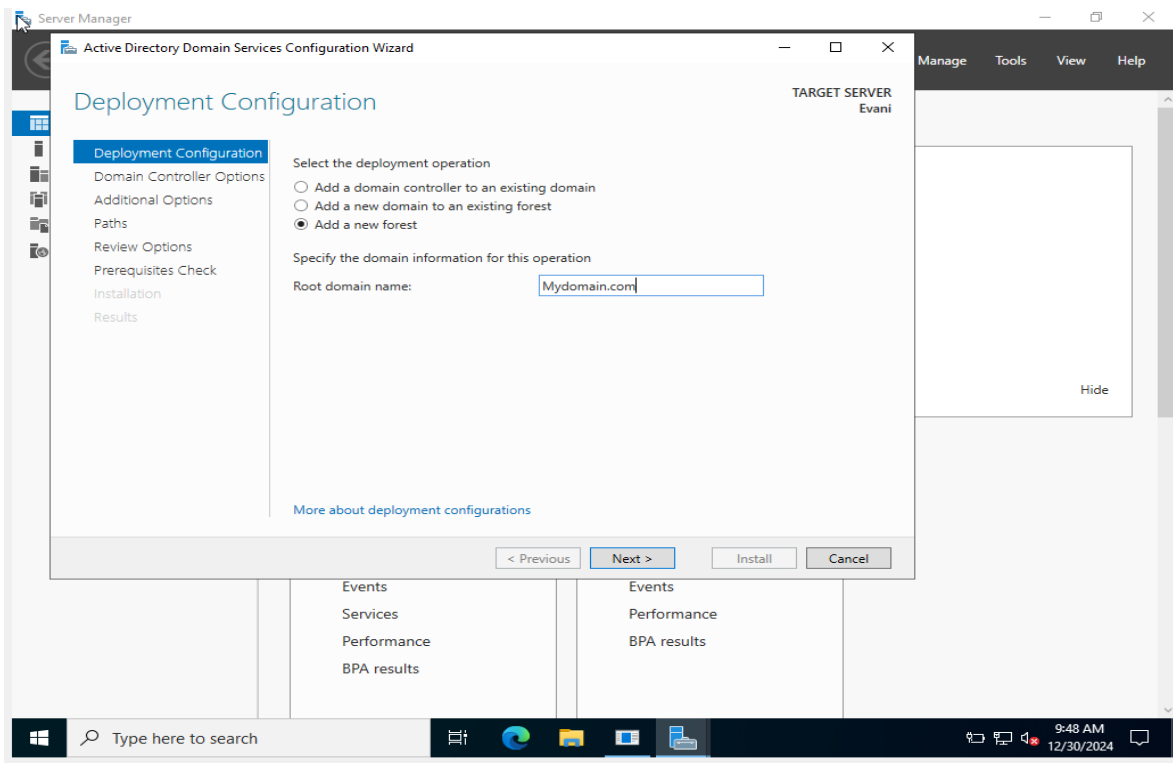**Step 14**: Check all configurations and click Next. The prerequisites check page will be shown next.

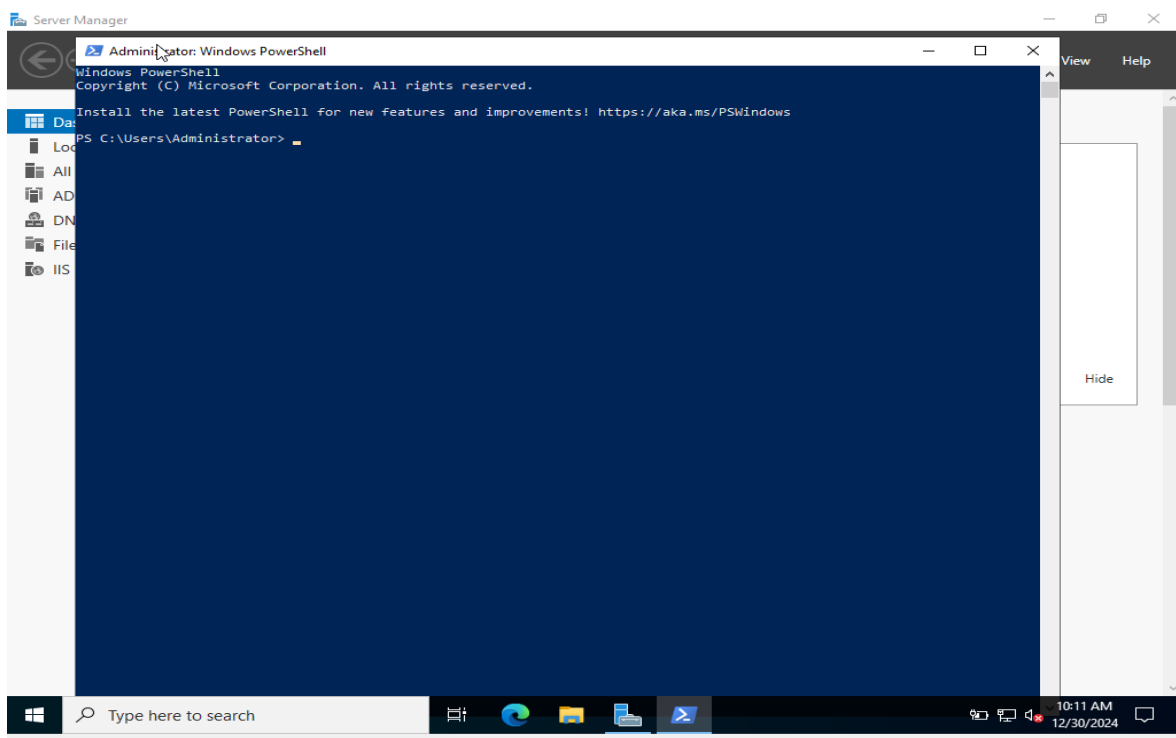

Step 15: Click on the yellow notification icon.

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Step 16: Choose Promote this server to a domain controller, and the deployment configuration page will appear.

Step 17: Open Windows PowerShell.

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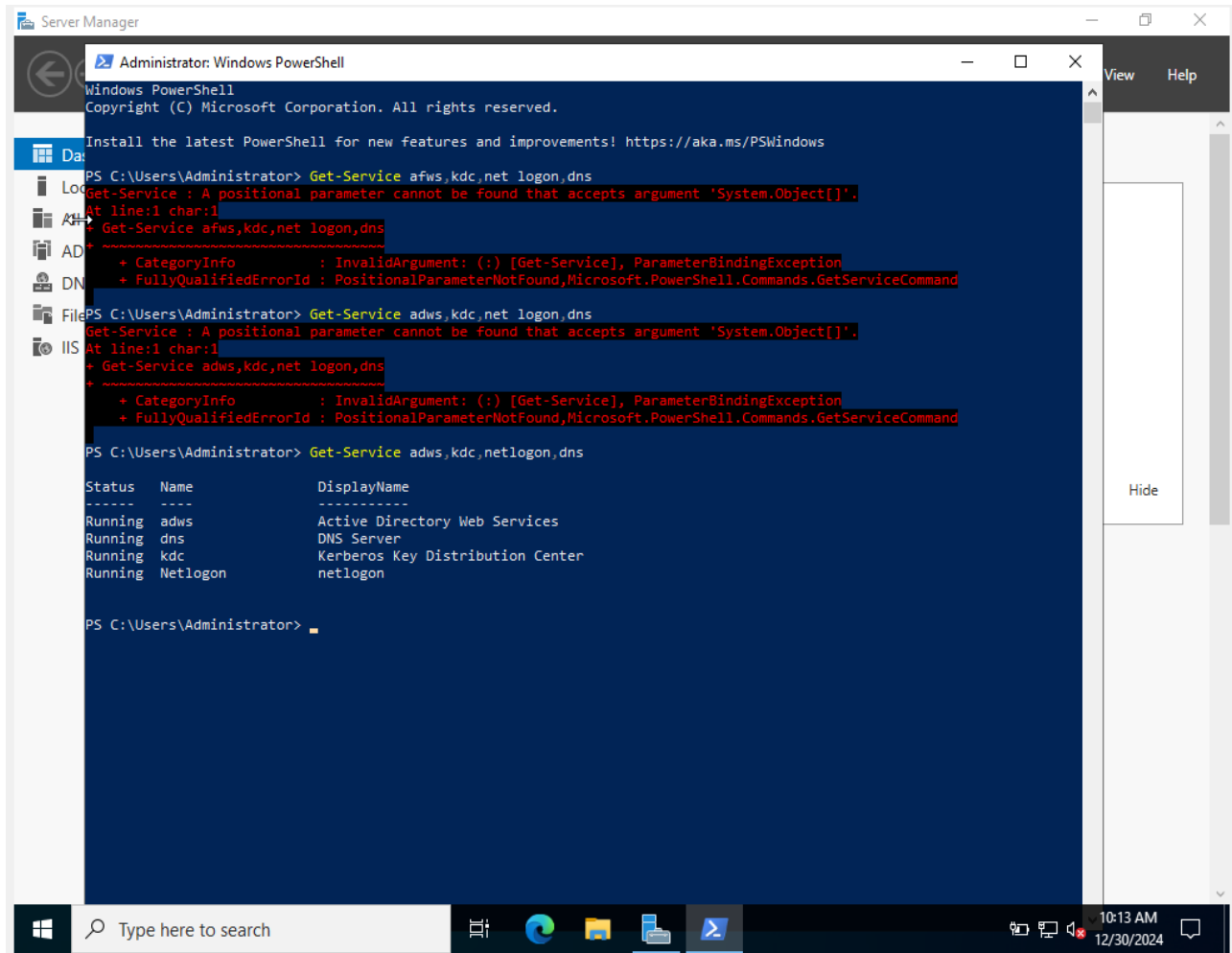
Step 18: Confirm Domain Controller Setup

To verify that the Domain Controller is correctly configured, you can check it via PowerShell.

Use the command below in Windows PowerShell to confirm the services were installed successfully:

Get-Service adws,kdc,netlogon,dns

You will see the status of all services on the next screen.
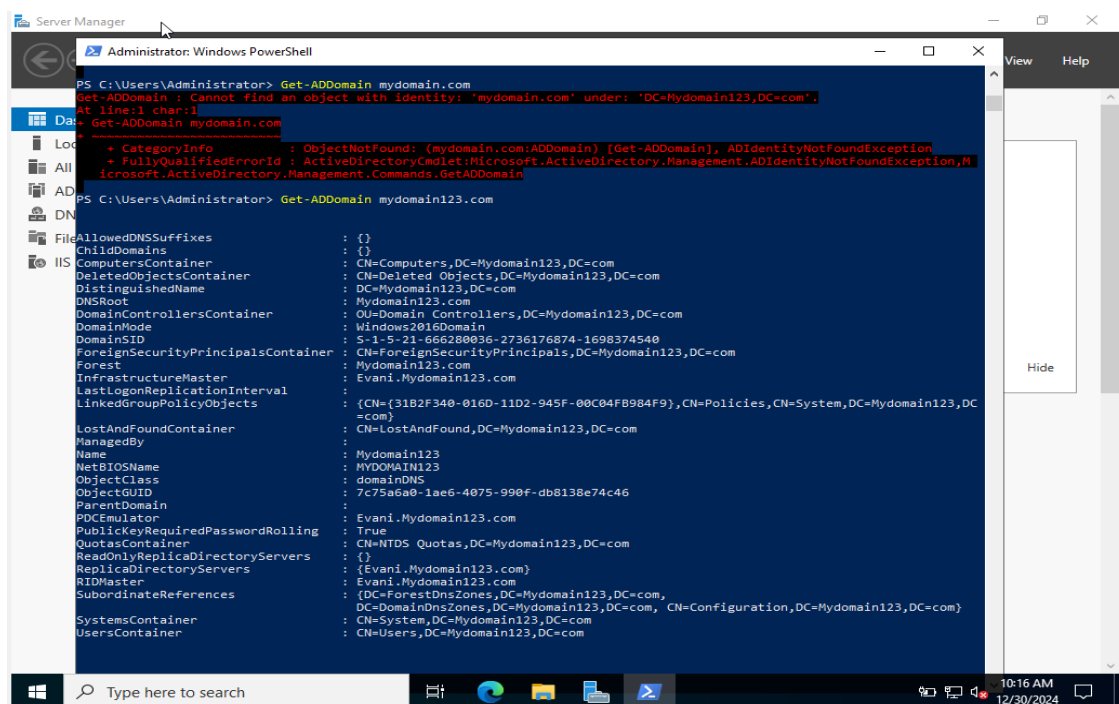

Step 19: Use the command **Get-ADDomainController** to display the full configuration details of the domain controller. The following screen will present the information.

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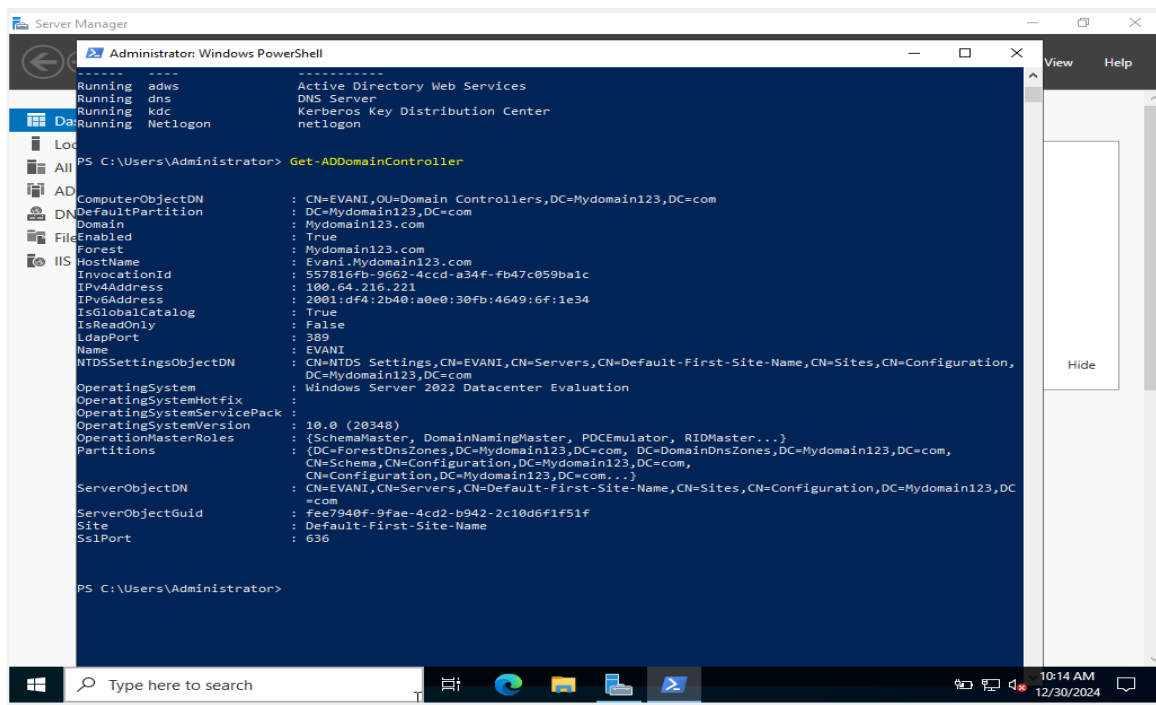
Step 20: Run the command below to obtain detailed information about your domain:
Get-ADDomain mydomain.com
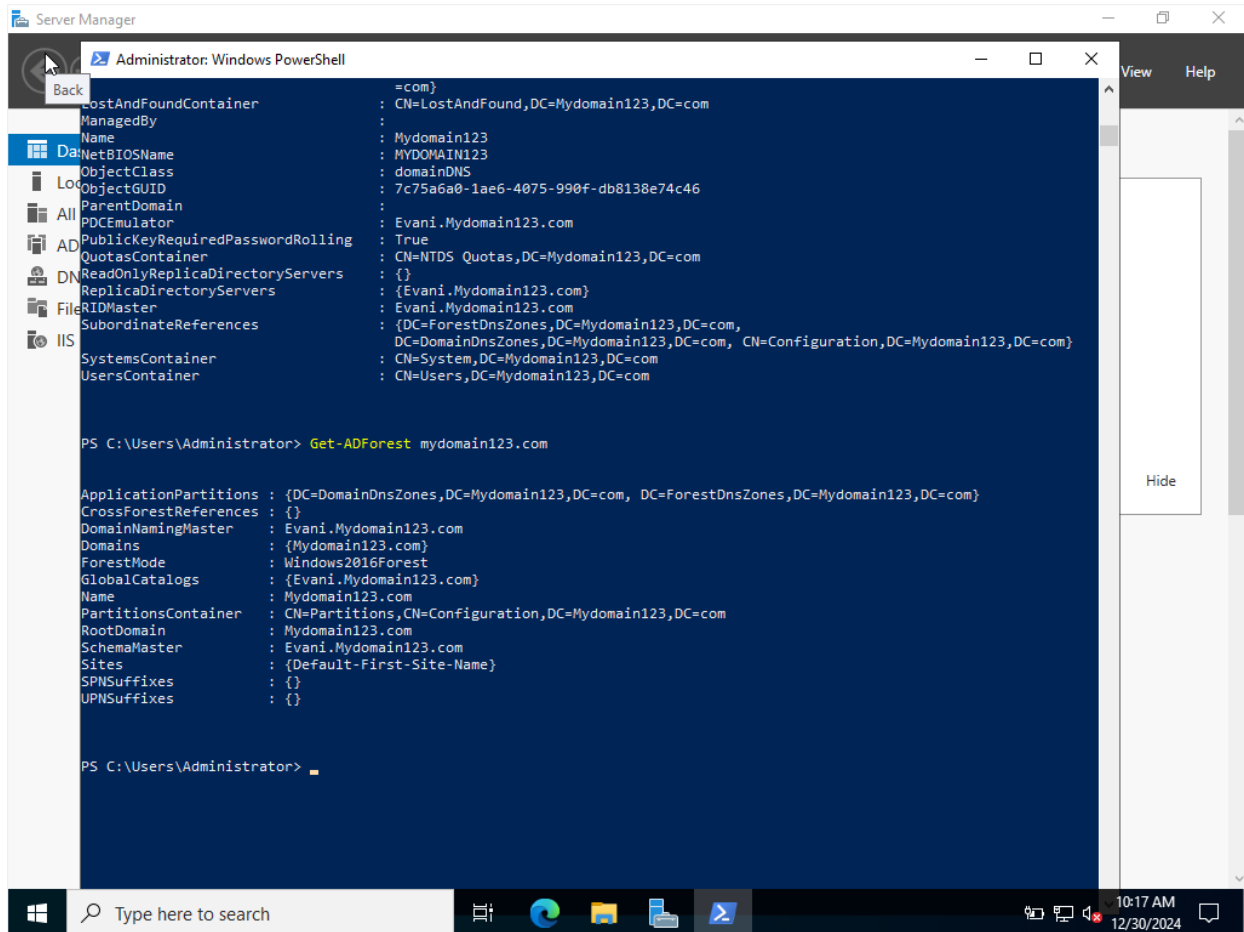The resulting screen will appear as shown.

Step 21: Run the command below to display information about your Active Directory Forest:

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Get-ADForest mydomain.com
You should see the following output.