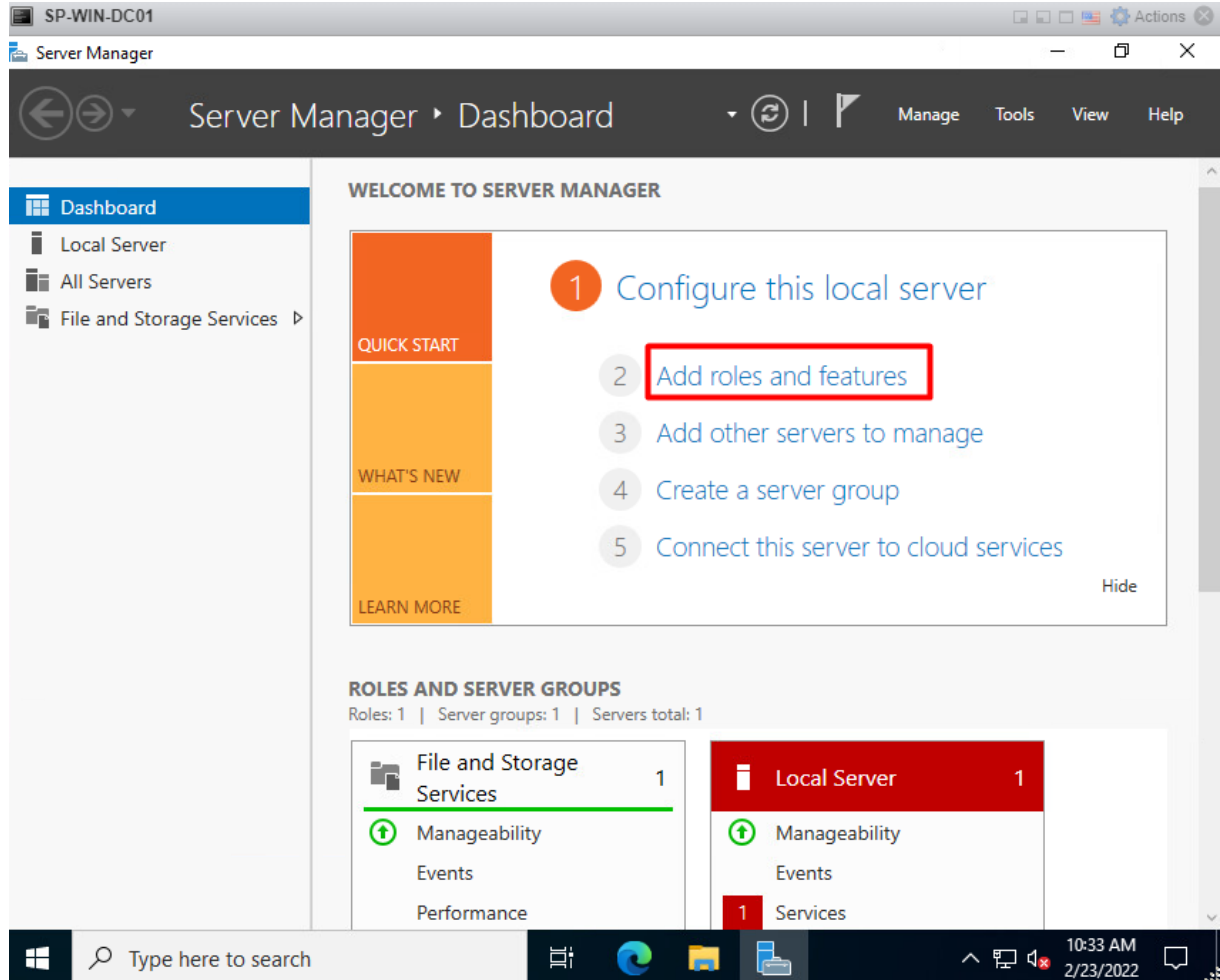


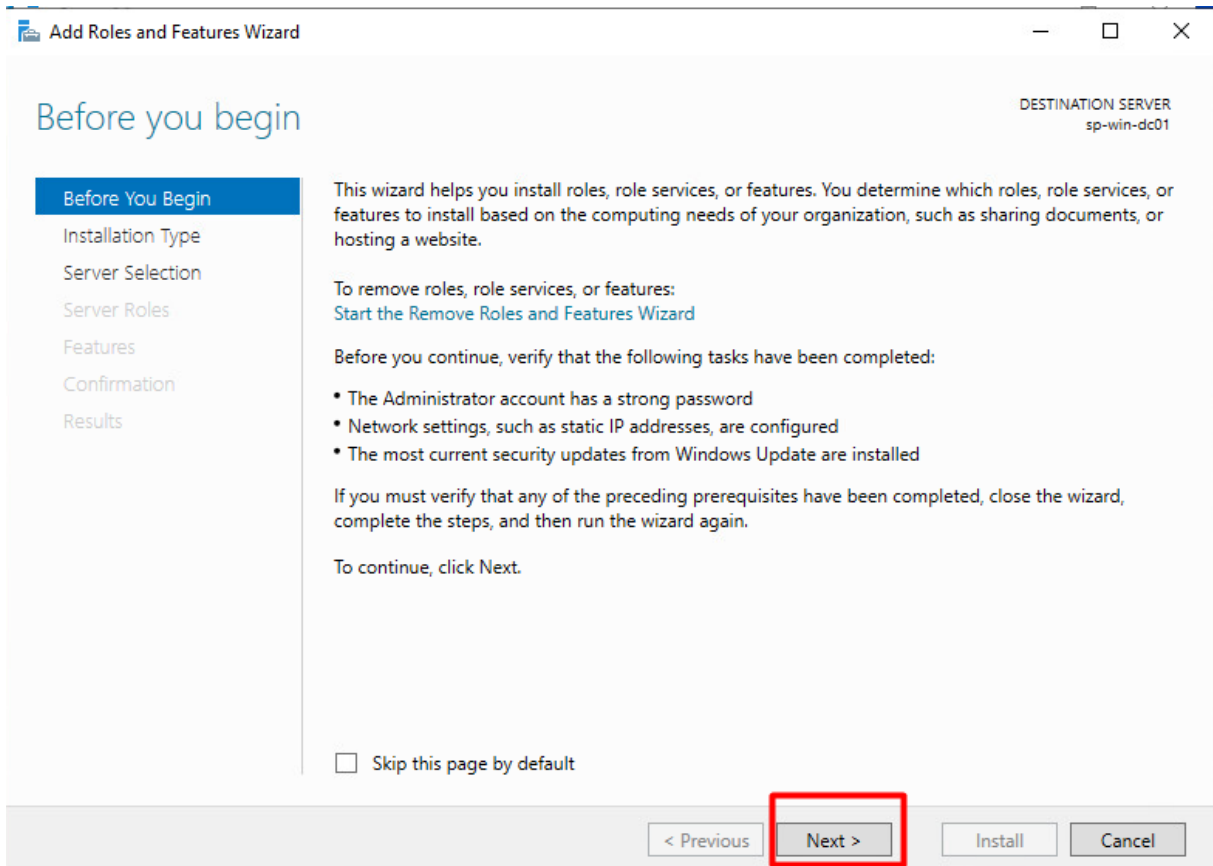
Windows Server 2022 Active Directory Kurulumu

Active Directory kurulumu yapacağımız sunucu üzerinde öncelikle Windows güncellemelerin yapılmış olması, sunucu adı ve ip bilgisi static olarak girilmesi gerekmektedir.

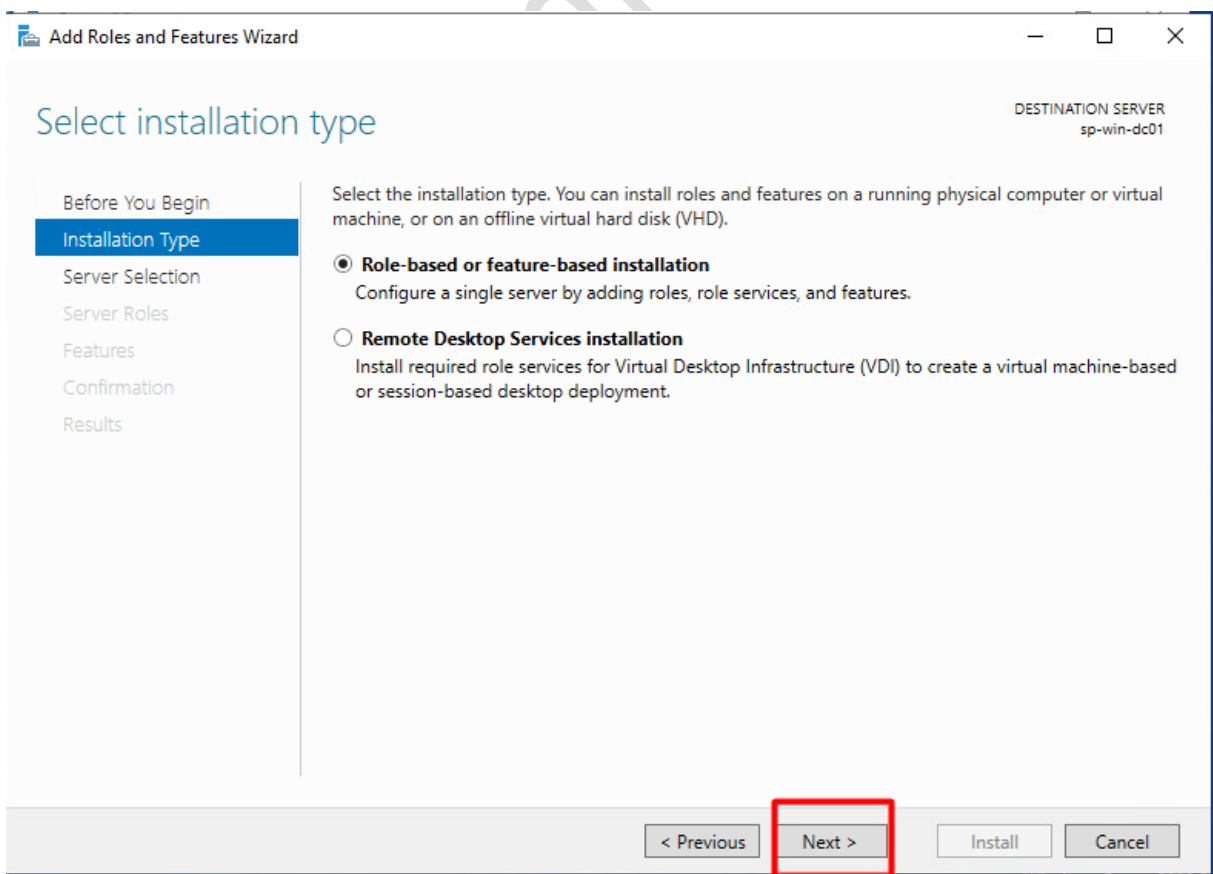
Server Manager ekranında bulunan Add Roles and Features butonuna basıyoruz.



Bu ekranda administrator şifresinin güçlü olması – ip ayarlarının static – Windows updatelerin yapılmış olması hakkında bilgi vermektedir. Biz bu işlemleri yaptığımız için next ile devam ediyoruz.



Next ile devam ediyoruz.



AD rolünü kuracağımız sunucuyu seçerek next ile devam ediyoruz.

DESTINATION SERVER
sp-win-dc01

Select a server or a virtual hard disk on which to install roles and features.

Select a server from the server pool
 Select a virtual hard disk

Server Pool

Filter:

Name	IP Address	Operating System
sp-win-dc01	10.10.10.10	Microsoft Windows Server 2022 Standard

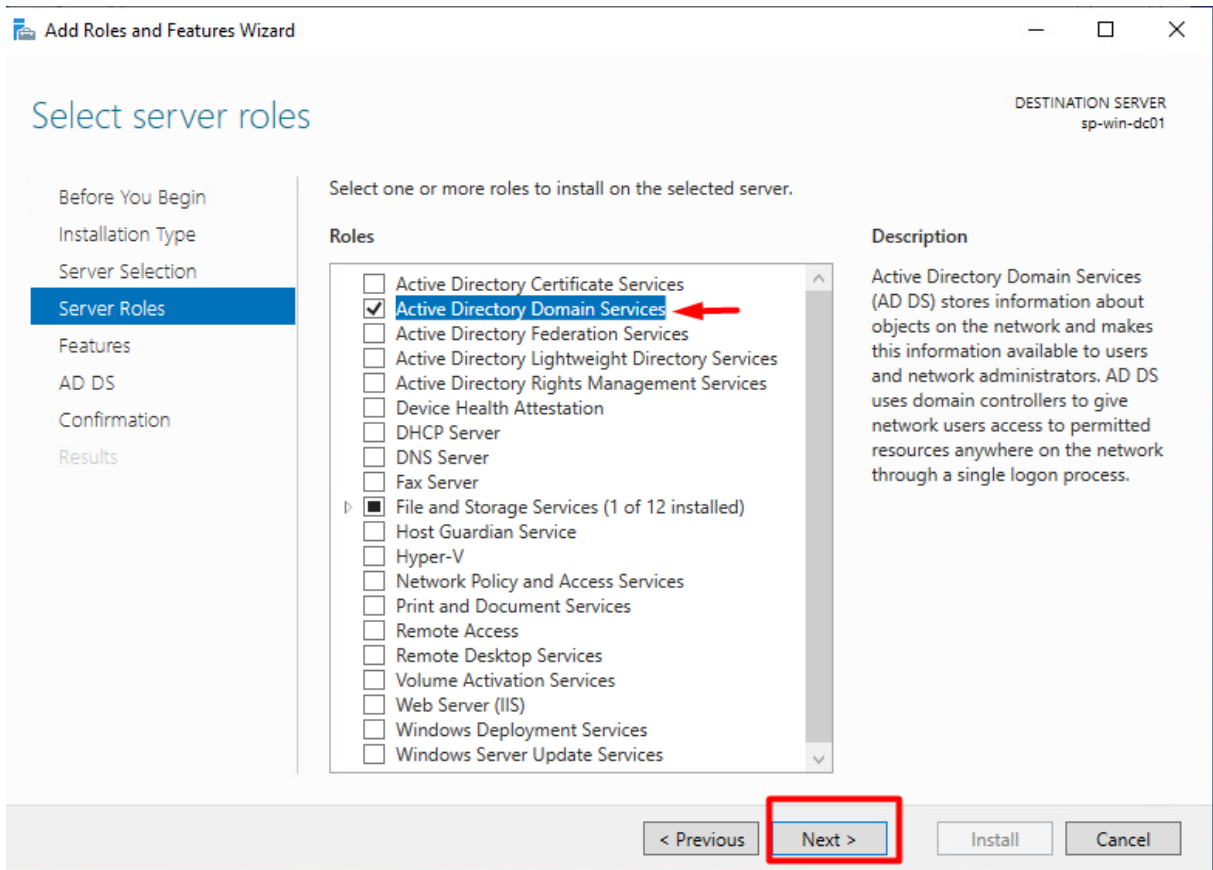
1 Computer(s) found

This page shows servers that are running Windows Server 2012 or a newer release of Windows Server, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.

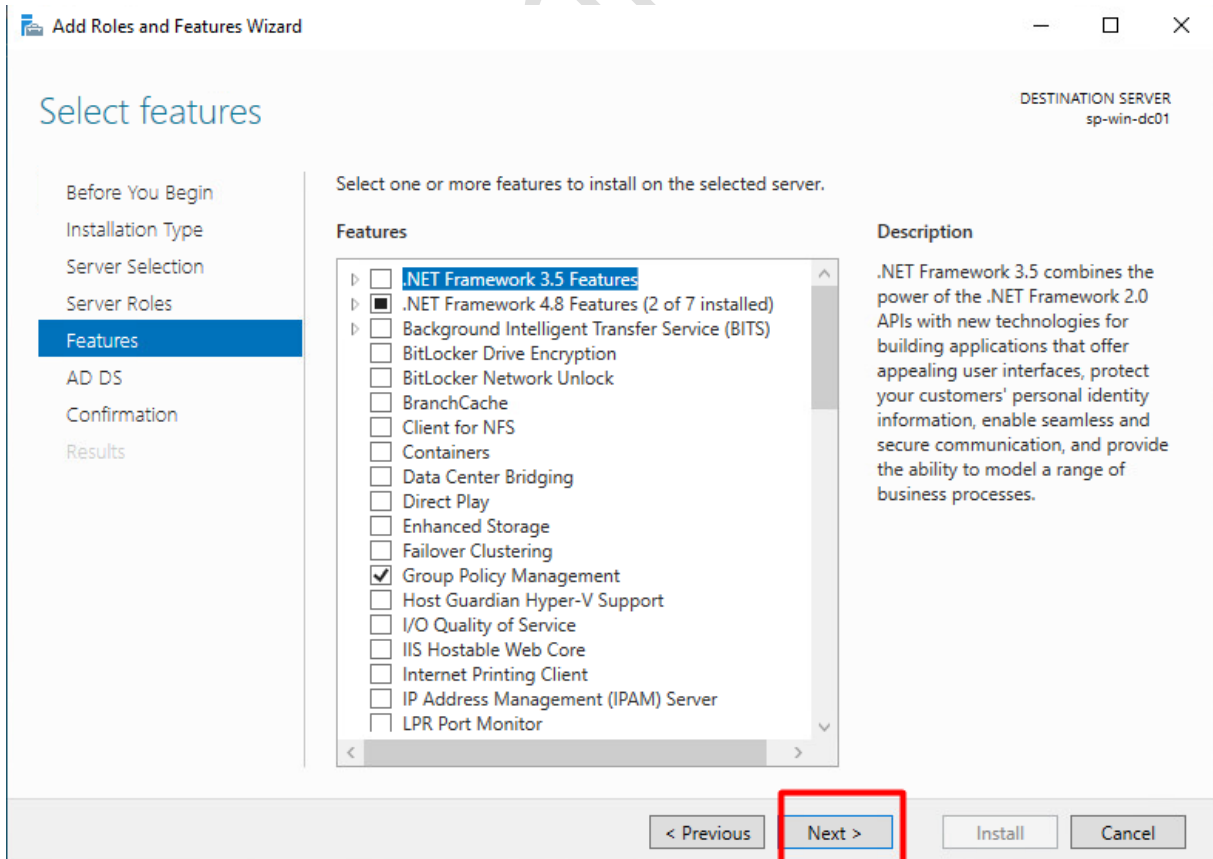
< Previous **Next >** Install Cancel

Active Directory Domain Service rolünü seçip next ile devam ediyoruz.

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Bu ekranda herhangi bir işlem yapmadan next ile devam ediyoruz.



Bu ekranda active directory hakkında bilgi paylaşılmıştır. Next ile devam ediyoruz.

The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Active Directory Domain Services'. In the top right corner, it says 'DESTINATION SERVER sp-win-dc01'. On the left, a navigation pane lists steps: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features', 'AD DS' (highlighted in blue), 'Confirmation', and 'Results'. The main content area contains a description of Active Directory Domain Services (AD DS) and a list of 'Things to note'.

Active Directory Domain Services (AD DS) stores information about users, computers, and other devices on the network. AD DS helps administrators securely manage this information and facilitates resource sharing and collaboration between users.

Things to note:

- To help ensure that users can still log on to the network in the case of a server outage, install a minimum of two domain controllers for a domain.
- AD DS requires a DNS server to be installed on the network. If you do not have a DNS server installed, you will be prompted to install the DNS Server role on this machine.

Azure Active Directory, a separate online service, can provide simplified identity and access management, security reporting, single sign-on to cloud and on-premises web apps.

[Learn more about Azure Active Directory](#)
[Configure Office 365 with Azure Active Directory Connect](#)

At the bottom, there are four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'.

Bu ekranda kurulum için yaptığımız işlemler hakkında bilgi veriyor. Install ile devam ediyoruz.

The screenshot shows the 'Add Roles and Features Wizard' window at the 'Confirm installation selections' step. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Confirm installation selections'. In the top right corner, it says 'DESTINATION SERVER sp-win-dc01'. On the left, the navigation pane is the same as in the previous screenshot, but 'Confirmation' is now highlighted in blue. The main content area contains instructions and a list of features to be installed.

To install the following roles, role services, or features on selected server, click Install.

Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.

Active Directory Domain Services
Group Policy Management
Remote Server Administration Tools
Role Administration Tools
AD DS and AD LDS Tools
Active Directory module for Windows PowerShell
AD DS Tools
Active Directory Administrative Center
AD DS Snap-Ins and Command-Line Tools

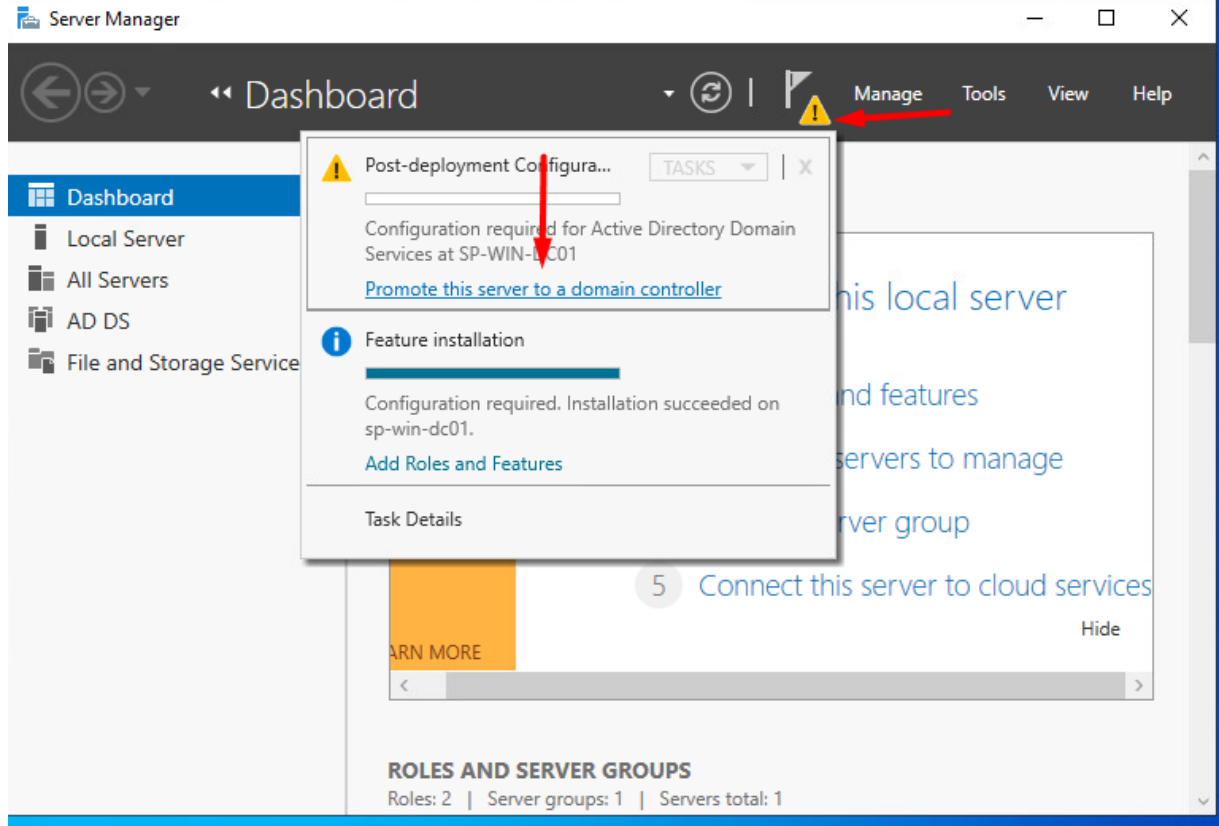
[Export configuration settings](#)
[Specify an alternate source path](#)

At the bottom, there are four buttons: '< Previous', 'Next >', 'Install' (highlighted with a red box), and 'Cancel'.

Kurulumu başarı ile tamamladık. Close butonuna basarak çıkış yapıyoruz.

AD rolünü başarı ile kurduktan sonra şimdi domain yapısını kurma işlemi yapalım.

Dashboard ekranından Promote this server to a domain controller butonuna basalım.



Bu ekranda yapacağımız işlemler belirtilmiştir.

Add a domain controller to an existing domain : Mevcut AD rolü üzerine Additional DC kurulumu gerçekleştirir.

Add a new domain to an existing forest: Mevcut AD üzerine Child Domain kurulumu gerçekleştirir.

Add a new forest: Yeni bir domain AC yapısı kurulumu yapar.

Biz yeni bir domain kurulumu yapacağımız için add a new forest seçeneğini seçip next ile devam ediyoruz.

Active Directory Domain Services Configuration Wizard

TARGET SERVER
sp-win-dc01

Deployment Configuration

- Deployment Configuration
- Domain Controller Options
- Additional Options
- Paths
- Review Options
- Prerequisites Check
- Installation
- Results

Select the deployment operation

Add a domain controller to an existing domain

Add a new domain to an existing forest

Add a new forest

Specify the domain information for this operation

Root domain name:

[More about deployment configurations](#)

< Previous **Next >** Install Cancel

Domain yapımızda herhangi bir sunucu olmadığı için forest seviyesini 2016 olarak bırakıyorum.

Active Directory Domain Services Configuration Wizard

TARGET SERVER
sp-win-dc01

Domain Controller Options

- Deployment Configuration
- Domain Controller Options
- DNS Options
- Additional Options
- Paths
- Review Options
- Prerequisites Check
- Installation
- Results

Select functional level of the new forest and root domain

Forest functional level:

Domain functional level:

Specify domain controller capabilities

Domain Name System (DNS) server

Global Catalog (GC)

Read only domain controller (RODC)

Type the Directory Services Restore Mode (DSRM) password

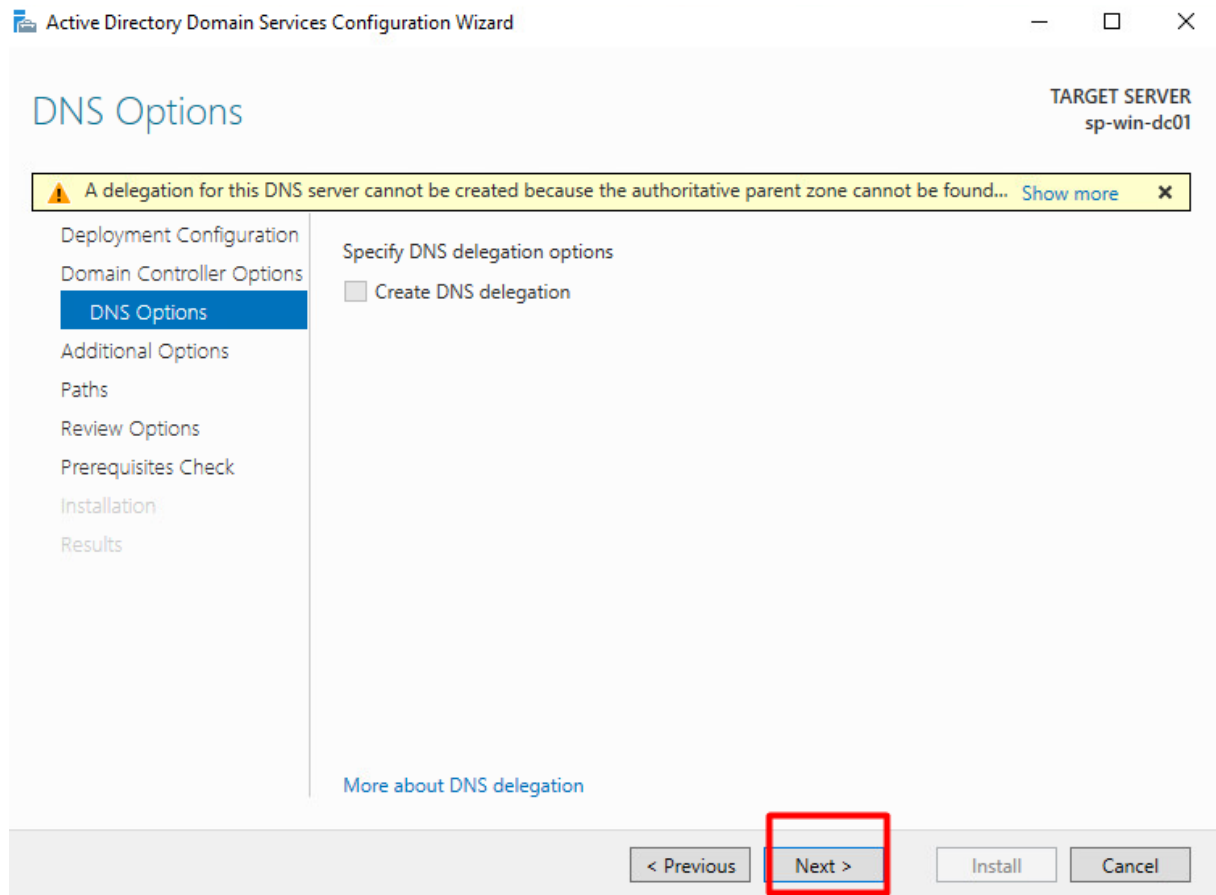
Password:

Confirm password:

[More about domain controller options](#)

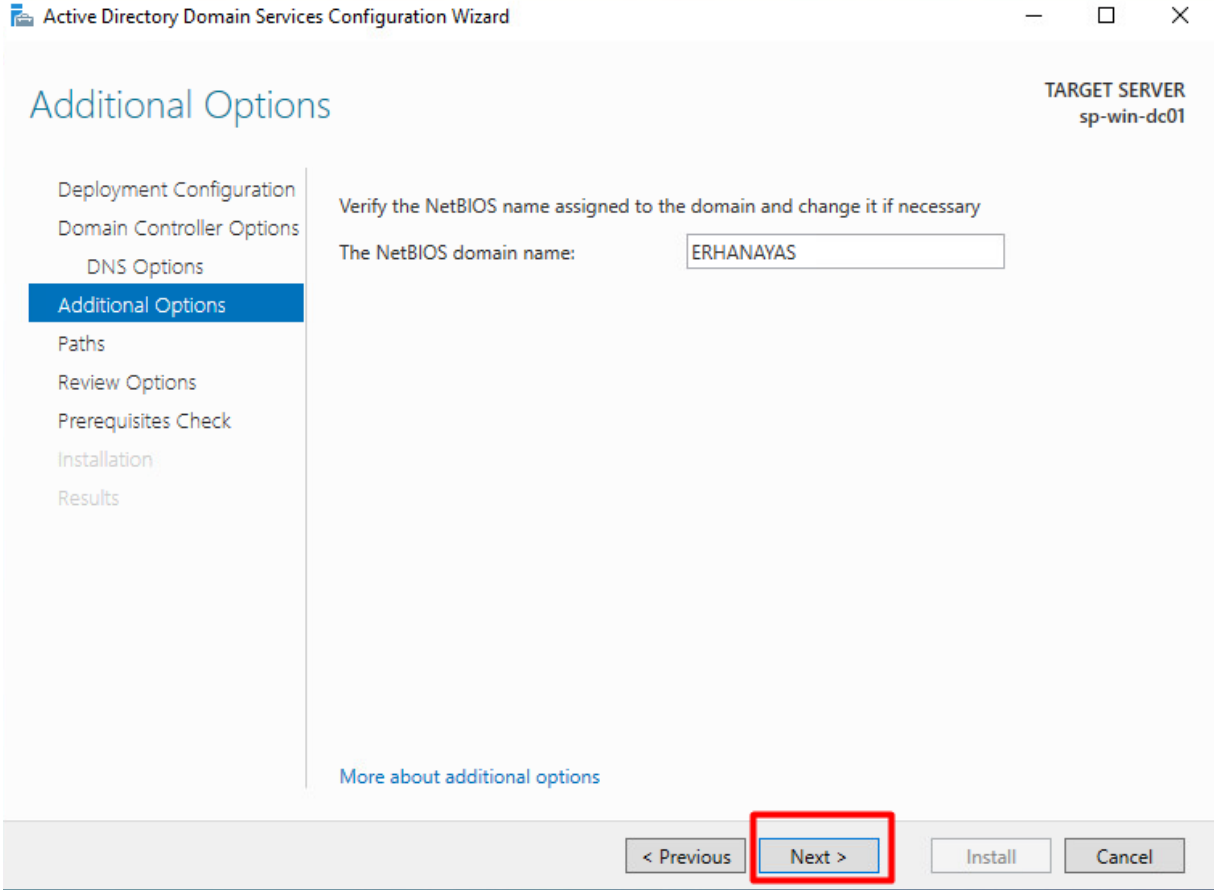
< Previous **Next >** Install Cancel

Next ile devam ediyoruz.



Next ile devam ediyoruz.

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Bu ekranda DC yapımızın database, log ve sysvol dizinlerinin nerede oluşturulması gerektiğini belirtiyoruz. Ayarları default olarak bırakıp next ile devam ediyoruz.

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Active Directory Domain Services Configuration Wizard

TARGET SERVER
sp-win-dc01

Paths

Specify the location of the AD DS database, log files, and SYSVOL

Deployment Configuration
Domain Controller Options
DNS Options
Additional Options
Paths
Review Options
Prerequisites Check
Installation
Results

Database folder: C:\Windows\NTDS ...

Log files folder: C:\Windows\NTDS ...

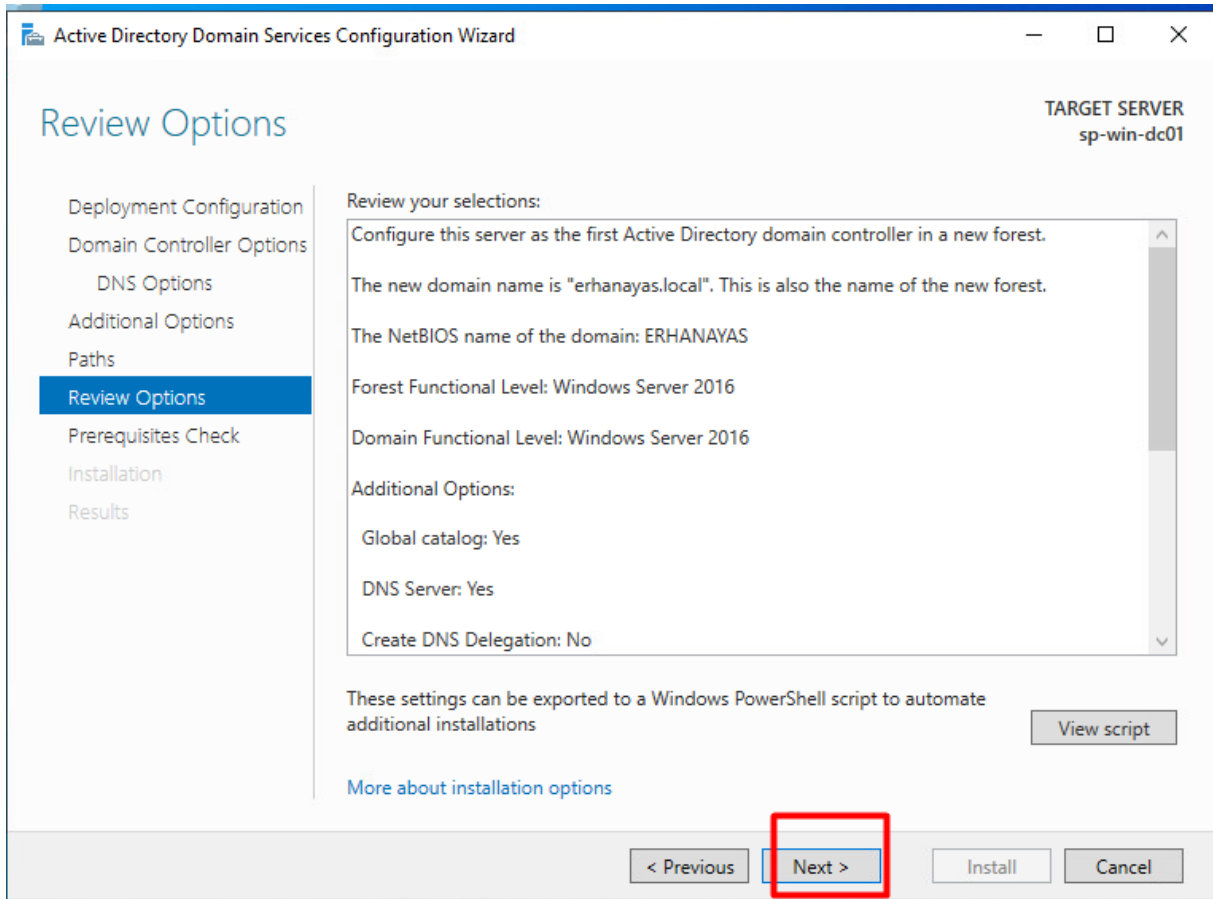
SYSVOL folder: C:\Windows\SYSVOL ...

[More about Active Directory paths](#)

< Previous **Next >** Install Cancel

Bu ekranda active directory rolü için yapmış olduğumuz işlemlerin listesi oluşur. Next ile devam edelim.

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Install diyerek kurulumu başlatalım.

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Prerequisites Check

TARGET SERVER
sp-win-dc01

✓ All prerequisite checks passed successfully. Click 'Install' to begin installation.

[Show more](#) ×

Deployment Configuration

Domain Controller Options

DNS Options

Additional Options

Paths

Review Options

Prerequisites Check

Installation

Results

Prerequisites need to be validated before Active Directory Domain Services is installed on this computer

[Rerun prerequisites check](#)

View results

⚠ Windows Server 2022 domain controllers have a default for the security setting named "Allow cryptography algorithms compatible with Windows NT 4.0" that prevents weaker cryptography algorithms when establishing security channel sessions.

For more information about this setting, see Knowledge Base article 942564 (<http://go.microsoft.com/fwlink/?LinkId=104751>).

⚠ A delegation for this DNS server cannot be created because the authoritative parent zone cannot be found or it does not run Windows DNS server. If you are integrating with an existing DNS infrastructure, you should manually create a delegation to this DNS server in the parent zone to ensure reliable name resolution from outside the domain "erhanayas.local". Otherwise, no action is required.

⚠ If you click Install, the server automatically reboots at the end of the promotion operation.

[More about prerequisites](#)

< Previous

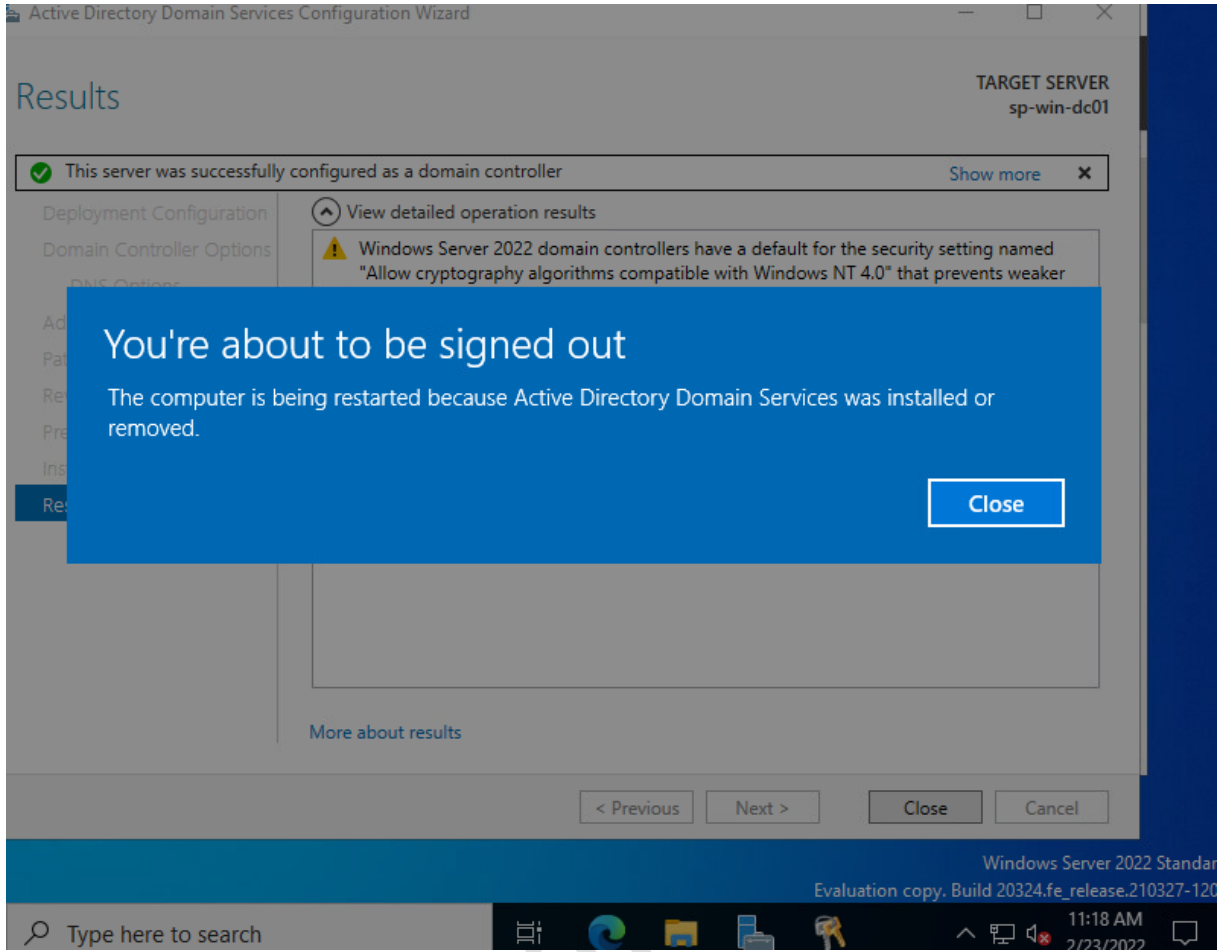
Next >

Install

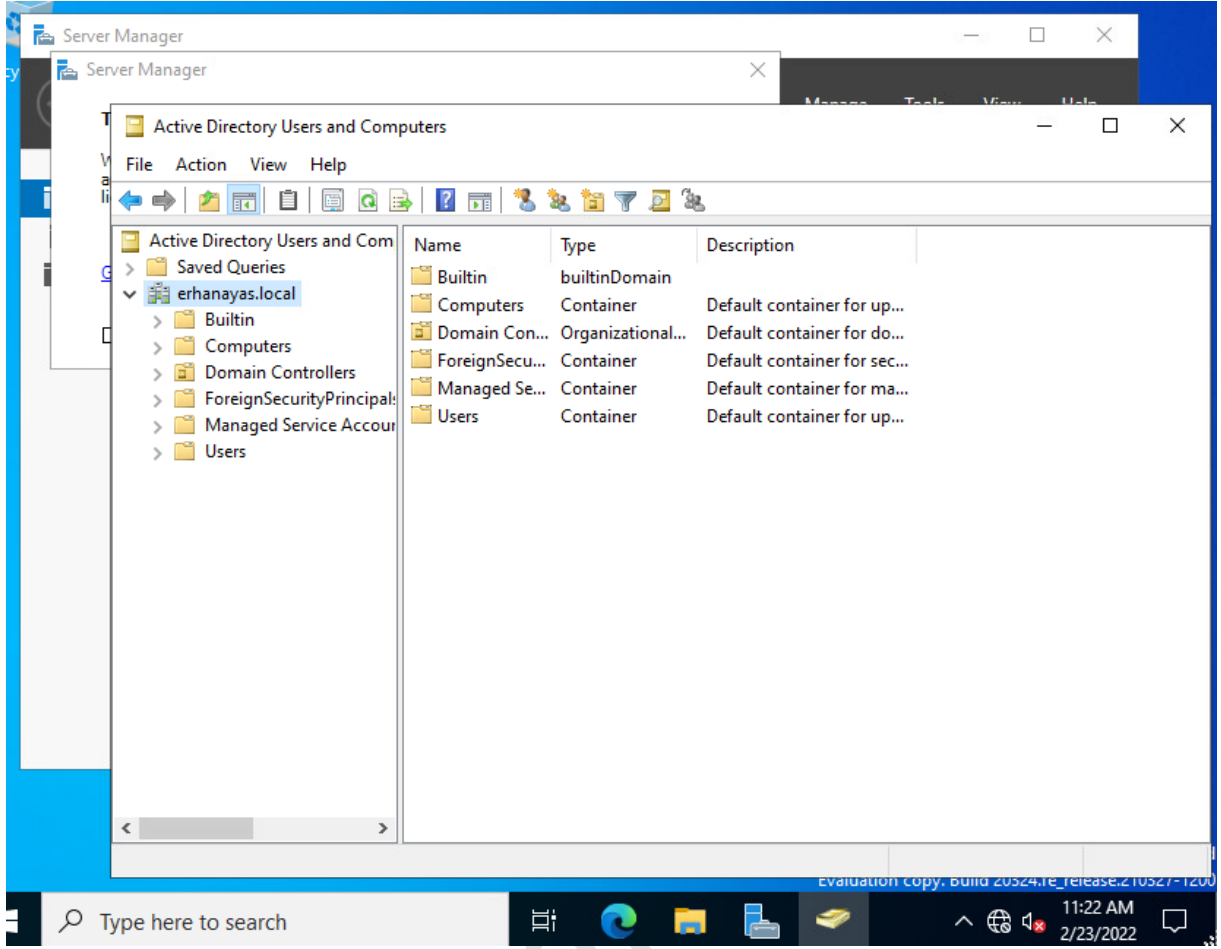
Cancel

Kurulum işlemi tamamlandıktan sonra sunucu yeniden başlayacaktır.

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AD kurulum işlemimiz tamamlanmıştır.



Başka bir makalede görüşmek dileğiyle...

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