

Configurar o Windows Server 2019 – após a instalação

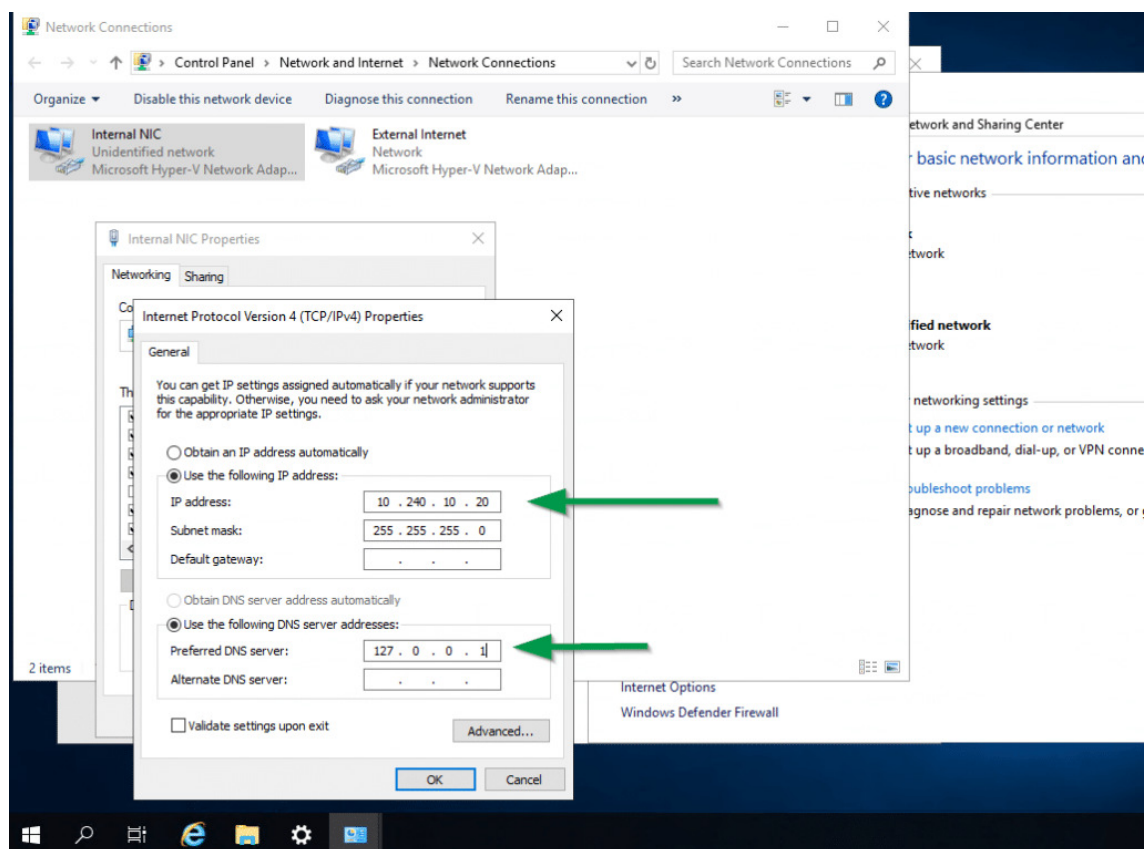
Execute as seguintes tarefas no recém-instalado sistema operacional Windows Server 2019 e reinicie o servidor.

- Renomeie o Servidor
- Defina o Fuso Horário para o seu Fuso Horário aplicável
- Defina um endereço IP estático nas configurações do sistema operacional de rede TCP/IP V4 da rede **INTERNA** Virtual Machine
- Instalar atualizações do Windows Server 2019

IMPORTANTE: Certifique-se de definir um endereço **IP ESTÁTICO** no LAN NIC interna da VM antes de executar o assistente de instalação e configuração do *Active Directory Services*. Active Directory, DHCP e DNS requerem um endereço IP estático. Os assistentes de instalação do Active Directory e do DHCP exibirão erros se você não definir um endereço IP estático na placa de rede interna da máquina virtual para IPv4.

Defina um endereço IP estático para a máquina virtual TCP/IPv4 INTERNAL NIC como mostrado aqui no exemplo abaixo. Use seu próprio intervalo de sub-redes de endereço IP privado. use um intervalo de IP 10.x.x.x ou 172.16.x.x ou 192.168.x.x.x.

NOTA: Você pode definir o endereço IP para o servidor DNS preferido para **127.0.0.1** ou o próprio **IP do Servidor** conforme mostrado abaixo, uma vez que estaremos usando o servidor local para uso do DNS e do Active Directory.



Instale as atualizações mais recentes do Windows Server 2019 no **Menu Iniciar > Settings** Configurações > **Atualizar e** Configurações de **segurança** applet e reiniciar.

Settings

Windows Settings

Find a setting



System

Display, notifications, apps, power



Devices

Bluetooth, printers, mouse



Network & Internet

Wi-Fi, airplane mode, VPN



Personalization

Background, lock screen, colors



Accounts

Your accounts, email, sync, work, other people



Time & language

Speech, region, date



Ease of Access

Narrator, magnifier, high contrast



Privacy

Location, camera



Update & security

Windows Update, recovery, backup

Settings

Home

Find a setting

Update & security

Windows Update

Windows Defender

Recovery

Activation

For developers

Update status

Updates are available.

- Windows Malicious Software Removal Tool x64 - February 2019 (KB890830).
- 2019-02 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB4485447).
- 2019-02 Cumulative Update for Windows Server 2016 for x64-based Systems (KB4487026).

Updates are ready to install

Install now

[Update history](#)

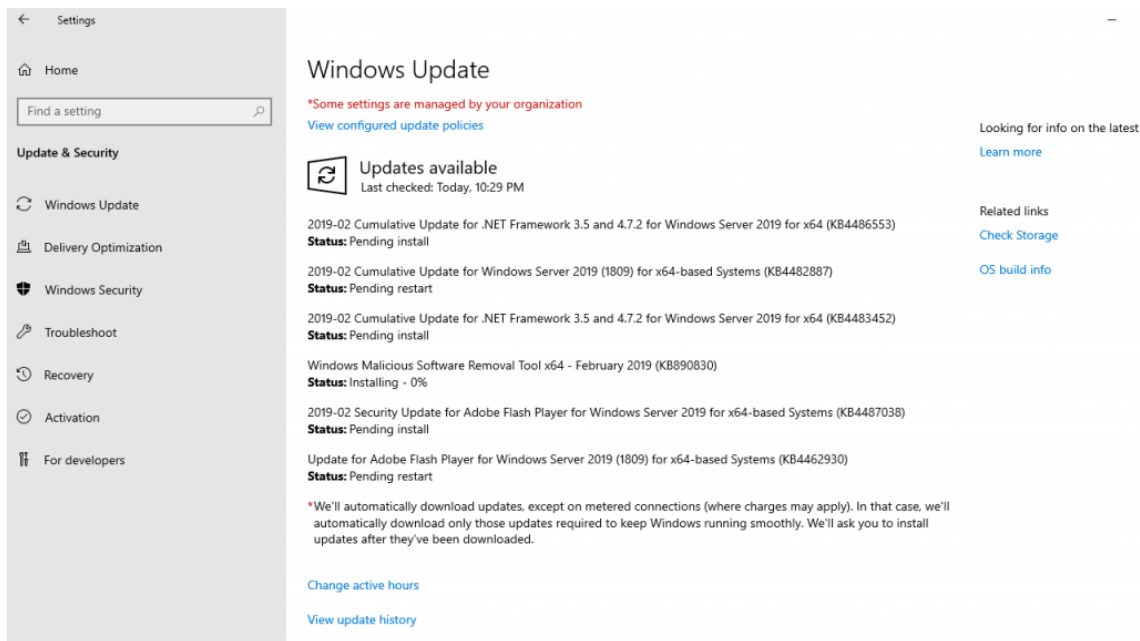
Update settings

Available updates will be downloaded automatically, except over metered connections (where charges may apply). You when they've been downloaded.

[Change active hours](#)

[Restart options](#)

[Advanced options](#)



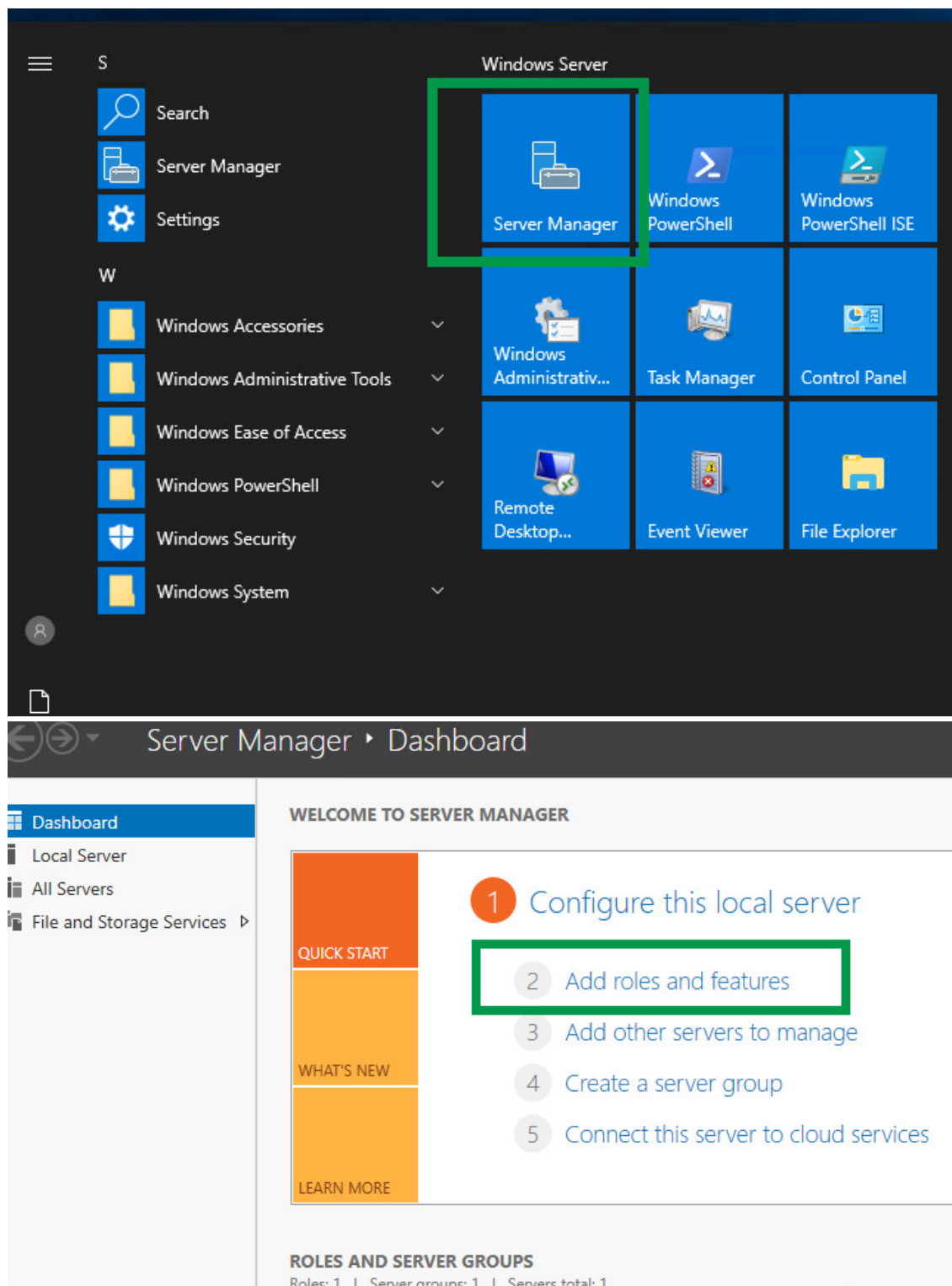
Instalar os Serviços do Active Directory, funções DHCP e DNS

Execute as etapas a seguir para instalar os Serviços do Active Directory para um novo servidor florestal, DNS e DHCP na máquina virtual.

Pré-requisitos

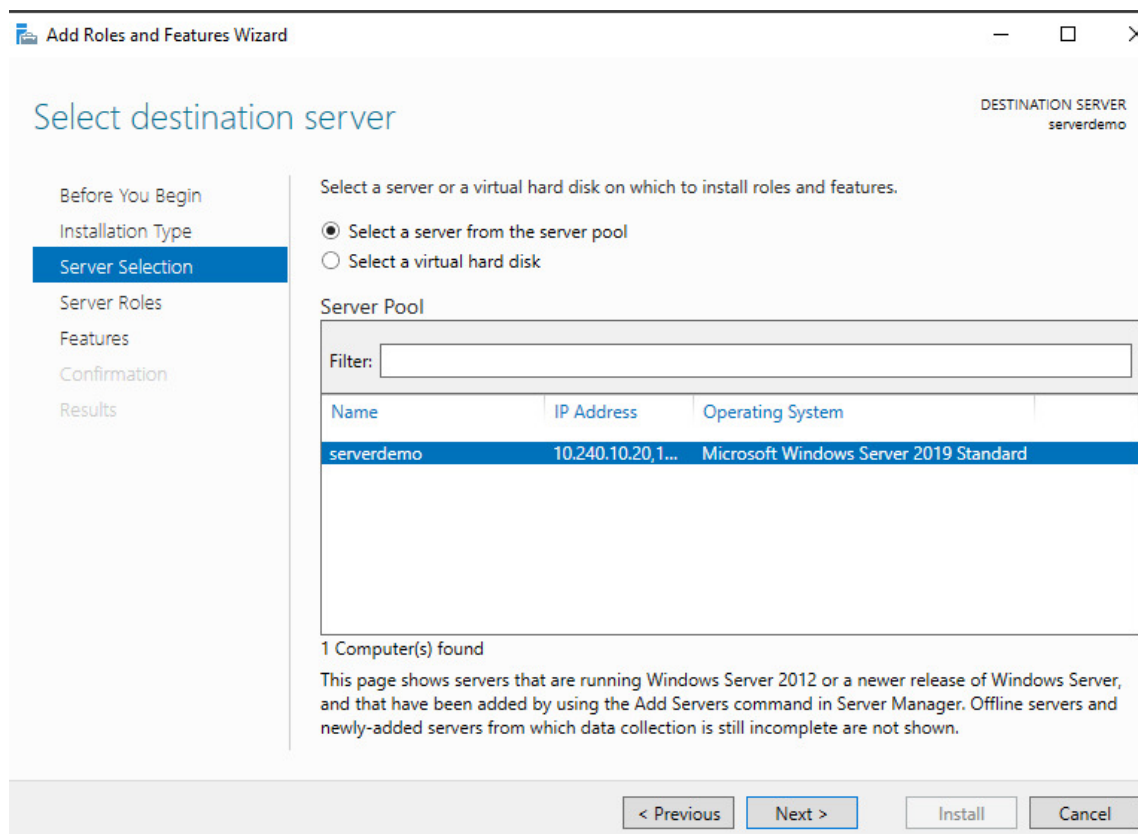
- DESATIVE o NIC externo na máquina virtual se você configurou um 2o NIC para acesso à internet como parte das atualizações do Windows Server e ativação da licença.

Inicie o “**Server Manager**” no menu inicial e selecione “**Adicionar funções e recursos**”.



Clique em **Avançar** na tela “ **Antes de começar**” e “ **Próximo**” na tela “ **Selecionar tipo de instalação**”. Certifique-se de que o tipo de instalação esteja definido como **a instalação padrão** baseada em “**função ou baseada em recursos**”.

No “ **Selecionar servidor de destino**” clique em **Avançar** para **selecionar** seu **servidor** local.



The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Select destination server'. On the left, a navigation pane lists: 'Before You Begin', 'Installation Type', 'Server Selection' (highlighted), 'Server Roles', 'Features', 'Confirmation', and 'Results'. The main area contains the text: 'Select a server or a virtual hard disk on which to install roles and features.' Below this are two radio buttons: 'Select a server from the server pool' (selected) and 'Select a virtual hard disk'. A 'Server Pool' section contains a table with columns 'Name', 'IP Address', and 'Operating System'. The table has one row: 'serverdemo', '10.240.10.20, 1...', and 'Microsoft Windows Server 2019 Standard'. Below the table, it says '1 Computer(s) found' and a disclaimer: '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.' At the bottom, there are four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'.

DESTINATION SERVER
serverdemo

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

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
serverdemo	10.240.10.20, 1...	Microsoft Windows Server 2019 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

Na tela “**Papéis do servidor**”, certifique-se de selecionar “**Serviços de Domínio do Active Directory**”, “**DHCP**” e **DNS**”. Selecione “**Adicionar recursos**” para cada um e clique em Próximo.

Add Roles and Features Wizard

Select server roles

DESTINATION SERVER
serverdemc

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select one or more roles to install on the selected server.

Roles

- ☐ Active Directory Certificate Services
- ☒ Active Directory Domain Services
- ☐ Active Directory Federation Services
- ☐ Active Directory Lightweight Directory Services
- ☐ Active Directory Rights Management Services
- ☐ Active Directory Web Services
- ☐ Device Management
- ☐ DHCP Server
- ☐ DNS Server
- ☐ Fax Server
- ☐ File and Storage Services
- ☐ Host Integration Services
- ☐ Hyper-V
- ☐ Network Policy Server
- ☐ Print and Document Services
- ☐ RemoteApp and Desktop Connections
- ☐ RemoteFX
- ☐ Volume Management
- ☐ Web Services (ASX, RTMP)
- ☐ Windows Firewall with Advanced Security
- ☐ Windows Search

Description

Active Directory Domain Services (AD DS) stores information about objects on the network and makes

Add features that are required for Active Directory Domain Services?

You cannot install Active Directory Domain Services unless the following role services or features are also installed.

- [Tools] 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
 - [Tools] Active Directory Administrative Center
 - [Tools] AD DS Snap-Ins and Command-Line Tools

☒ Include management tools (if applicable)

Add Features

Cancel

4

Add Roles and Features Wizard

Select server roles

Before You Begin
Installation Type
Server Selection
Server Roles
Features
AD DS
DHCP Server
DNS Server
Confirmation
Results

Select one or more roles to install on the selected server.

Roles

- ☐ Active Directory Certificate Services
- ☒ Active Directory Domain Services
- ☐ Active Directory Federation Services
- ☐ Active Directory Lightweight Directory Services
- ☐ Active Directory Rights Management Services
- ☐ Device Health Attestation
- ☒ DHCP Server
- ☒ DNS Server
- ☐ File and Storage Services (1 of 12 installed)
- ☐ Host Guardian Service
- ☐ Hyper-V
- ☐ Network Policy and Access Services
- ☐ Print and Document Services
- ☐ Remote Access
- ☐ Remote Desktop Services

Clique em **Avançar** na tela “**Selecionar recursos**”.

Add Roles and Features Wizard

Select features

DESTINATION SERVER
serverdemo

Before You Begin
Installation Type
Server Selection
Server Roles
Features
AD DS
DHCP Server
DNS Server
Confirmation
Results

Select one or more features to install on the selected server.

Features

- ☐ .NET Framework 3.5 Features
- ☒ .NET Framework 4.7 Features (2 of 7 installed)
- ☐ Background Intelligent Transfer Service (BITS)
- ☐ BitLocker Drive Encryption
- ☐ BitLocker Network Unlock
- ☐ BranchCache
- ☐ Client for NFS
- ☐ Containers
- ☐ Data Center Bridging
- ☐ Direct Play
- ☐ Enhanced Storage
- ☐ Failover Clustering
- ☒ Group Policy Management
- ☐ Host Guardian Hyper-V Support
- ☐ I/O Quality of Service
- ☐ IIS Hostable Web Core
- ☐ Internet Printing Client
- ☐ IP Address Management (IPAM) Server
- ☐ iSNS Server service

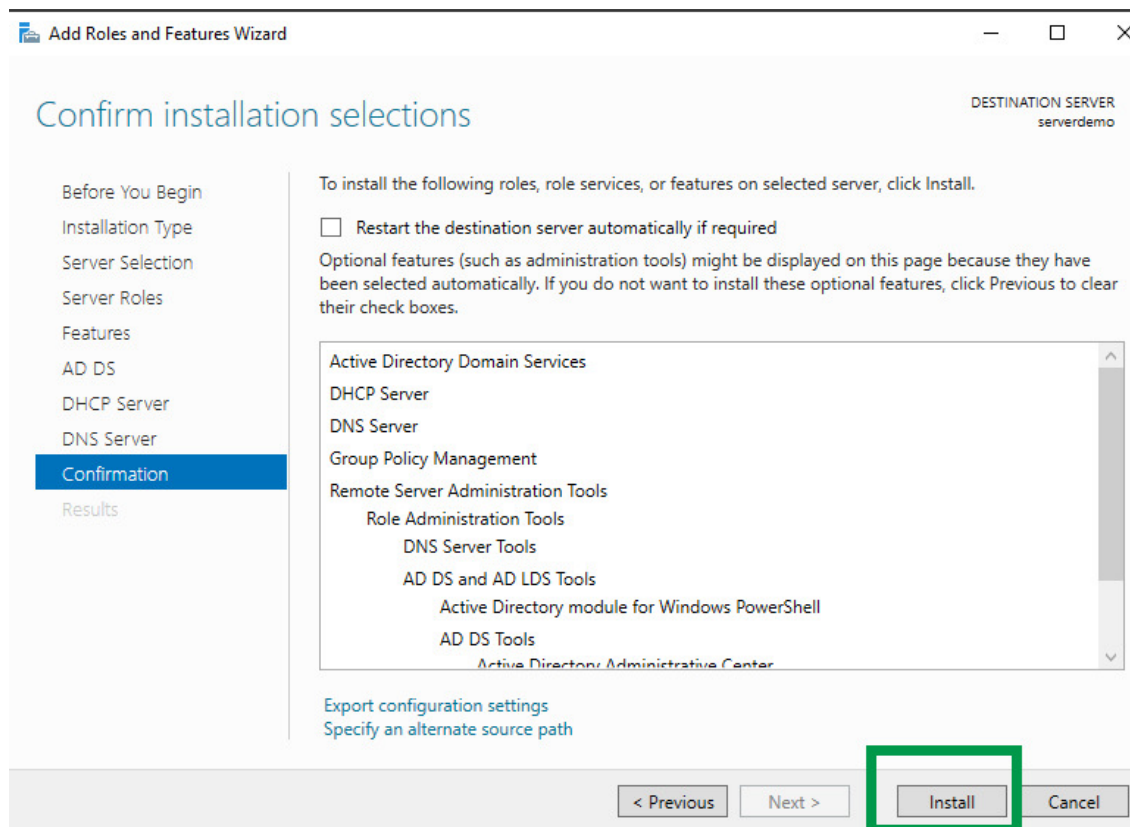
Description

.NET Framework 3.5 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.

< Previous **Next >** Install Cancel

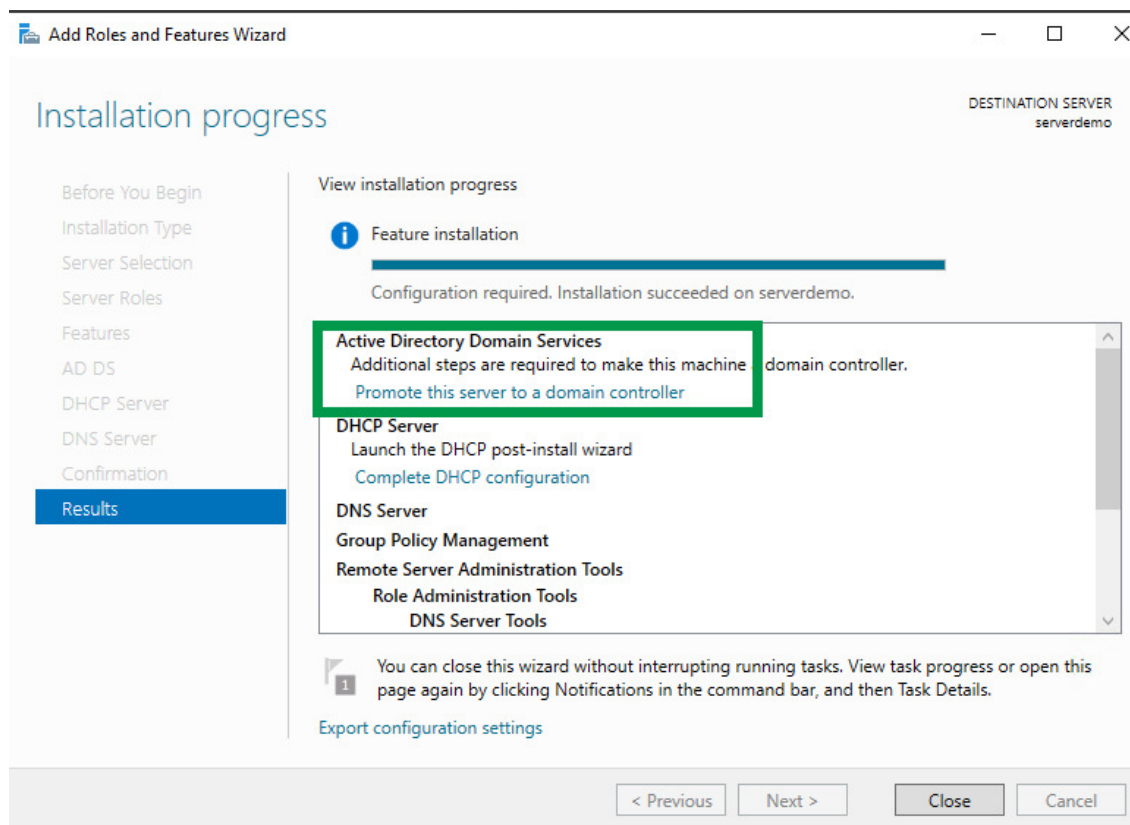
Clique em Avançar através das telas **DHCP Server “Serviços de Domínio do Active Directory”, “Servidor DHCP” e “ Servidor DNS”**. Clique em “ **Instalar** ” para confirmar e iniciar as funções de instalação.

Uma vez que a instalação de recursos de função começa, **não** feche a janela. Selecionaremos a etapa “**Promova este servidor para um controlador de domínio**” em alguns minutos.

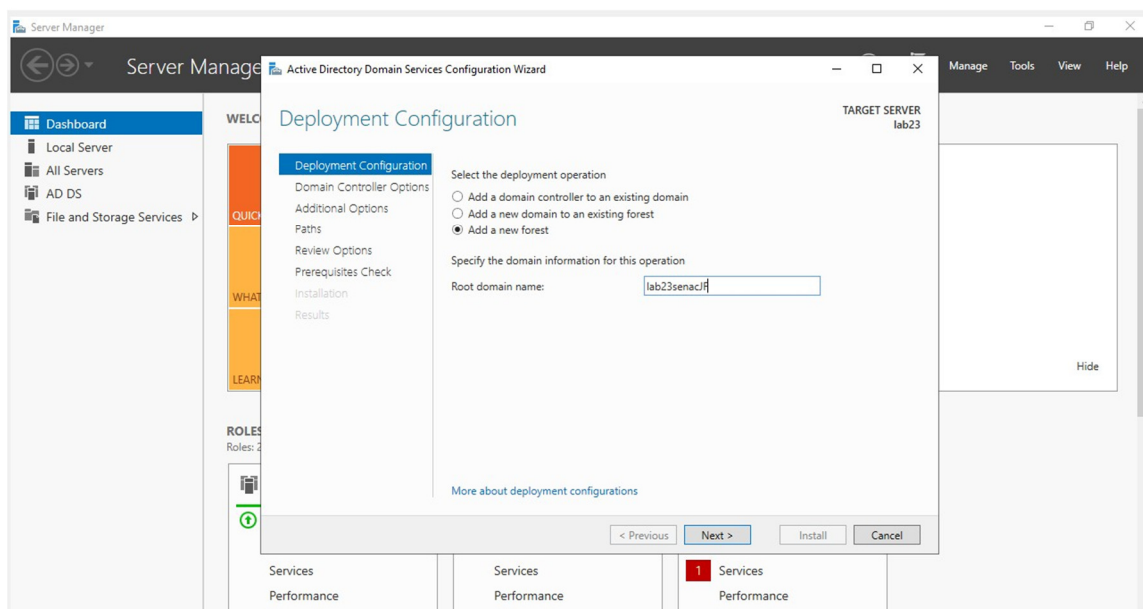


Promover o servidor para um controlador de domínio

Enquanto ainda estiver no assistente “**Adicionar Funções**”, selecione “**Promova este servidor para um controlador de domínio**”.

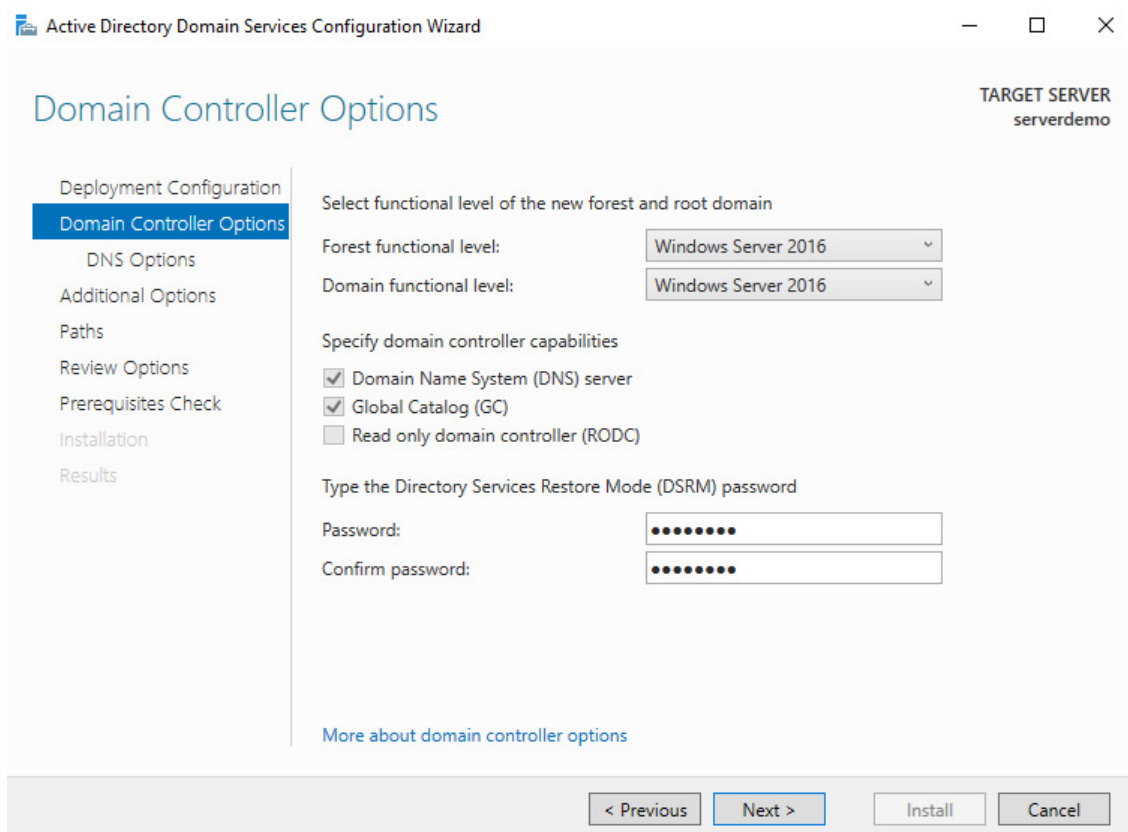


Selecione o botão “**Adicionar uma nova floresta**”, especifique um nome de domínio DNS não roteável usando o exemplo abaixo, como **Senac.local** ou **Cirogames.local**.



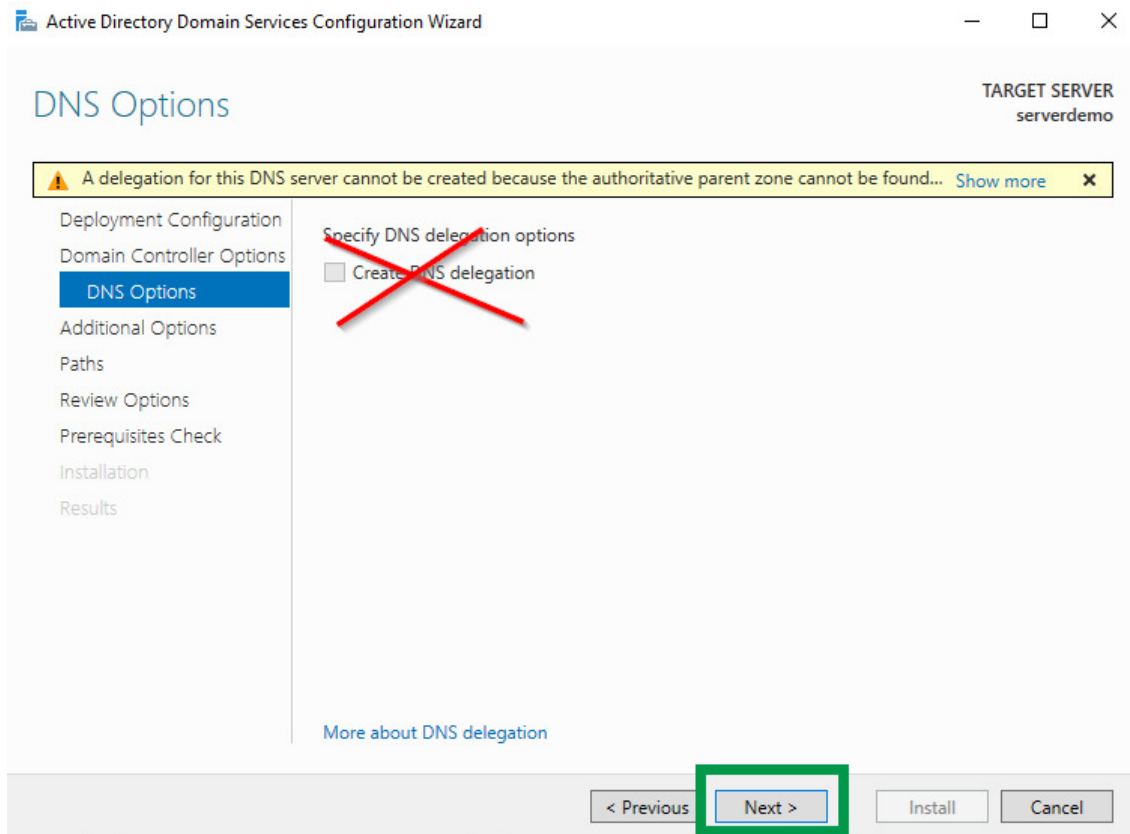
Na tela “**Opções de Controladores de Domínio**” deixe os níveis de Floresta e Funcional de Domínio para o padrão “**Windows Server 2016** “. Além disso, deixe o **servidor do Sistema de**

Nomes de Domínio (DNS) e as opções **do Catálogo Global (GC)** marcadas e insira um administrador para a senha do Modo de Restauração de Serviços de Diretório (DSRM). Clique **em Avançar**.

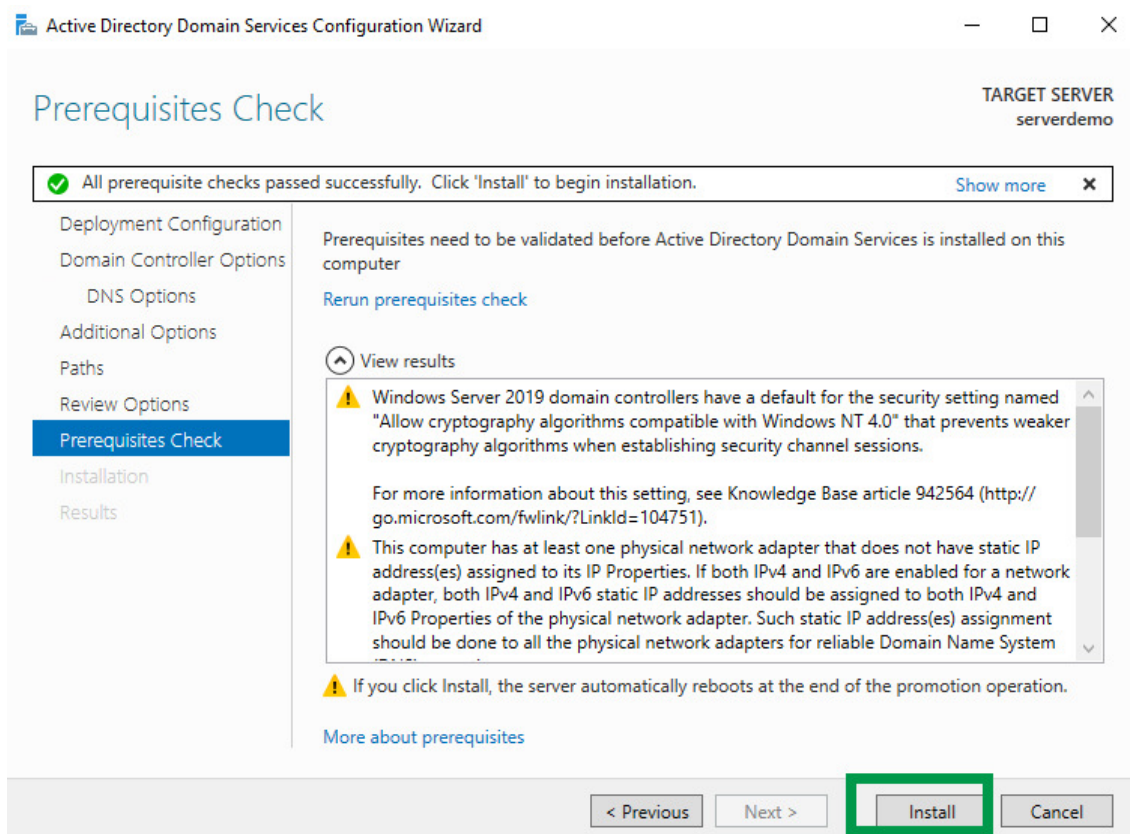


The screenshot shows the 'Active Directory Domain Services Configuration Wizard' window. The title bar includes the Windows icon, the text 'Active Directory Domain Services Configuration Wizard', and standard window controls. The main window has a title 'Domain Controller Options' and a 'TARGET SERVER' label with the value 'serverdemo'. On the left is a navigation pane with the following items: 'Deployment Configuration', 'Domain Controller Options' (highlighted in blue), 'DNS Options', 'Additional Options', 'Paths', 'Review Options', 'Prerequisites Check', 'Installation', and 'Results'. The main content area is titled 'Select functional level of the new forest and root domain'. It contains two dropdown menus: 'Forest functional level:' and 'Domain functional level:', both set to 'Windows Server 2016'. Below these is a section 'Specify domain controller capabilities' with three checkboxes: 'Domain Name System (DNS) server' (checked), 'Global Catalog (GC)' (checked), and 'Read only domain controller (RODC)' (unchecked). Further down is a section 'Type the Directory Services Restore Mode (DSRM) password' with two password fields labeled 'Password:' and 'Confirm password:', both containing masked characters. At the bottom left of the main area is a link 'More about domain controller options'. The bottom of the window features a navigation bar with four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'.

Clique em Avançar na tela Opções de DNS e **NÃO** marque a caixa para criar uma delegação de DNS.



Clique em Avançar nas telas **Opções adicionais**, **Caminhos**, **Opções de revisão** e **Pré-requisitos**. Clique em **Install** “Instalar” para continuar.



Uma vez que a instalação de funções esteja concluída, o servidor será reinicializado automaticamente e você verá a tela de login do NOVO domínio.

