

Configure Active Directory

1. First Configure IPv4 as follows

Internet Protocol Version 4 (TCP/IPv4) Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP address: 192 . 168 . 1 . 100

Subnet mask: 255 . 255 . 255 . 0

Default gateway: 192 . 168 . 1 . 254

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses

Preferred DNS server: 192 . 168 . 1 . 100

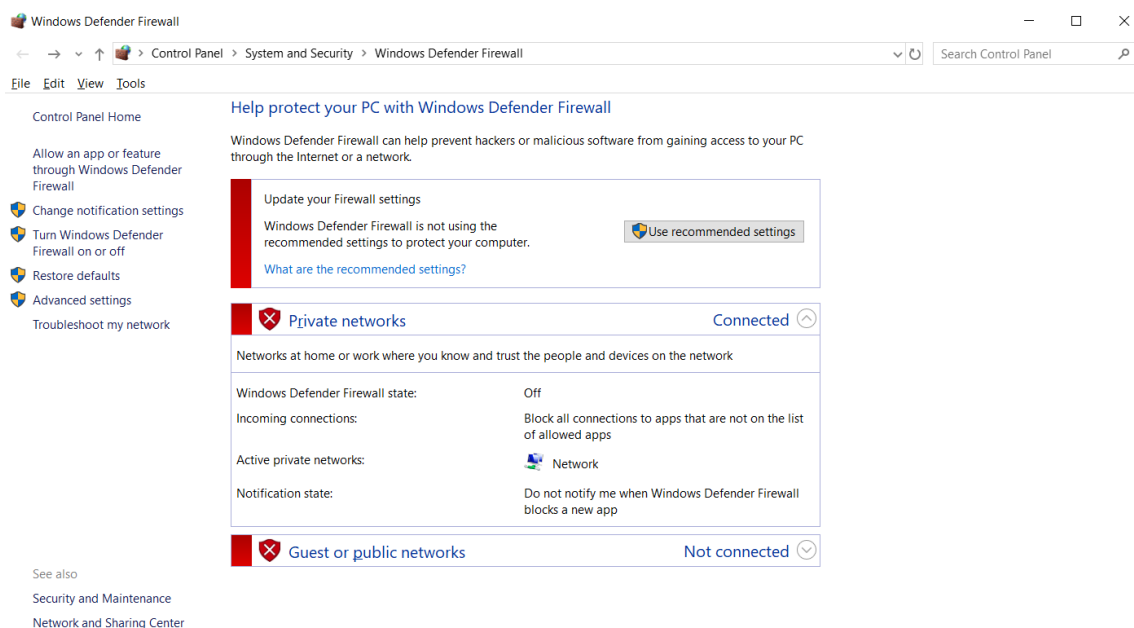
Alternate DNS server: 8 . 8 . 8 . 8

☐ Validate settings upon exit

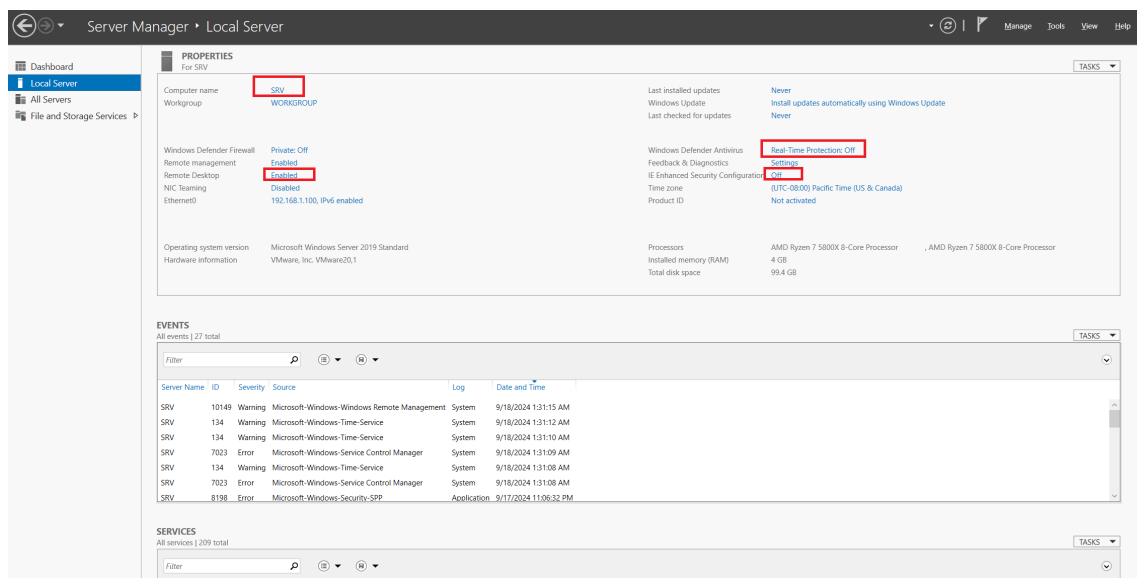
Advanced...

OK Cancel

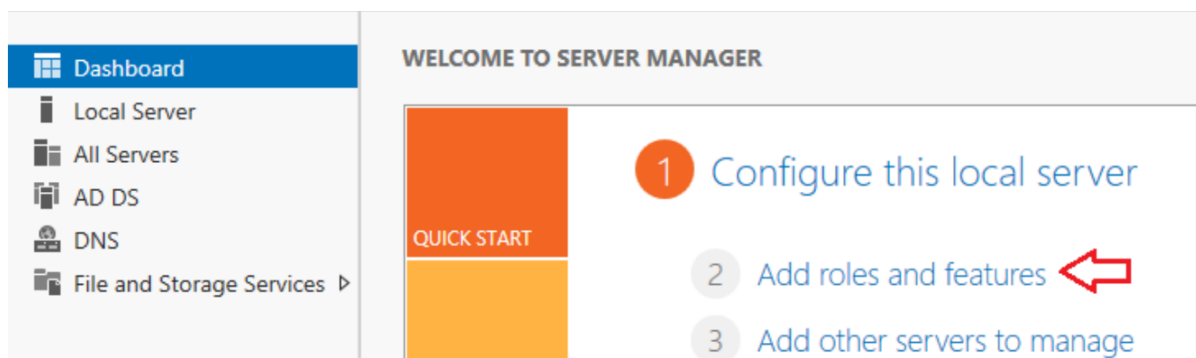
2. Turn off firewalls



3. Go to Server Manager-> Local Server, make sure this are changed as capture.



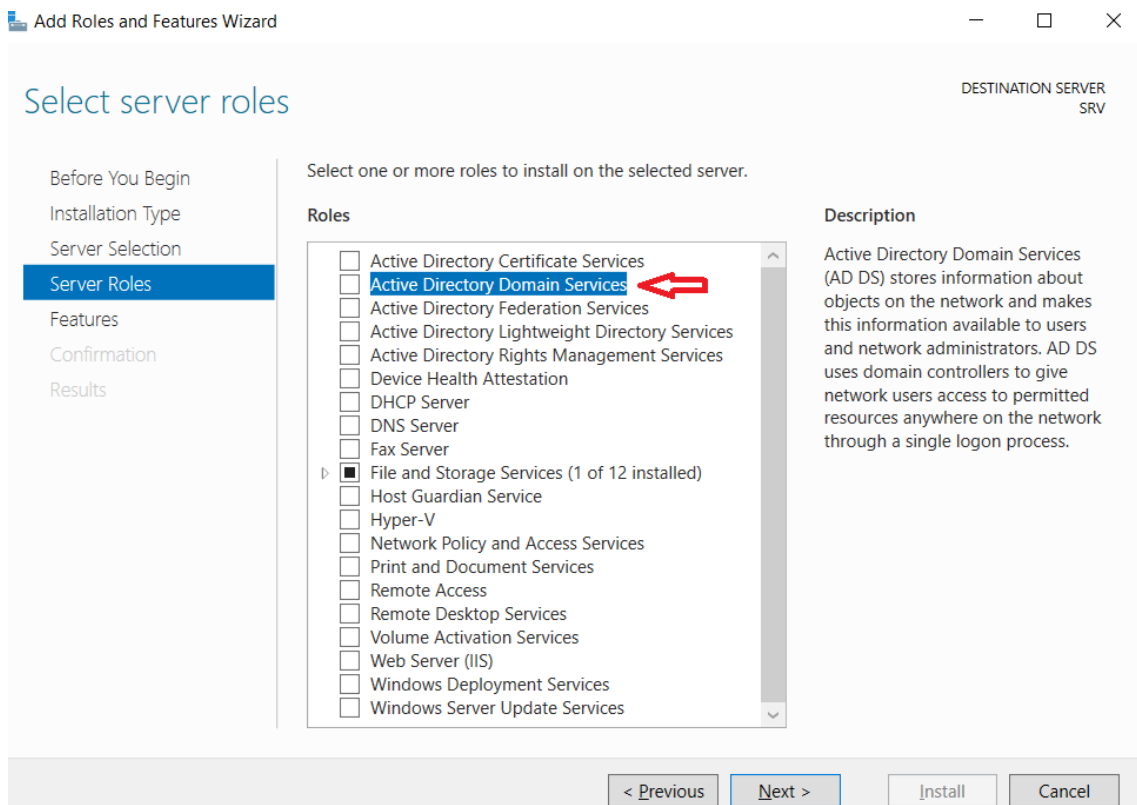
4. Go to Dashboard, click **Add roles and features**



3. Select **Role-based or featured-based installation** Next

4. **Select a server from the server pool** and Next

5. Install Active Directory Domain Services



6. Install Active Directory features

Confirm installation selections

⚠ Do you need to specify an alternate source path? One or more installation selections are missing source files on the destination...

Before You Begin

Installation Type

Server Selection

Server Roles

Features

AD DS

Confirmation

Results

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](#)

< Previous

Next >

Install

Cancel

The screenshot shows the 'Add Roles and Features Wizard' in the 'Installation progress' stage. The left pane lists the steps: Before You Begin, Installation Type, Server Selection, Server Roles, Features, AD DS, Confirmation, and Results. The main pane shows the 'Feature installation' progress bar and a list of installed features: 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, and AD DS Snap-Ins and Command-Line Tools. A 'Post-deployment Configuration' dialog box is open, showing a warning icon and the text 'Configuration required for Active Directory Domain Services at SRV'. It includes a link 'Promote this server to a domain controller' and a 'Task Details' button. The bottom of the wizard shows a list of servers with 'All Servers' selected.

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

Active Directory Domain Services Configuration Wizard

Domain Controller Options

TARGET SERVER
SRV

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: Windows Server 2016

Domain functional level: Windows Server 2016

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

Leave everything default and Next. After installation finished, it should restart automatically, and Active Directory is installed successfully

Active Directory Users and Computers

File Action View Help

Active Directory Users and Comp

> Saved Queries

> test.local

Name	Type	Description
Saved Queries		Folder to store your favo...
test.local	Domain	