Server Manager

Server Manager • Dashboard

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- Local Server
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WELCOME TO SERVER MANAGER

QUICK START

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2 Add roles and features

3 Add other servers to manage

WHAT'S NEW

4 Create a server group

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Hide

ROLES AND SERVER GROUPS
Roles: 1 | Server groups: 1 | Servers total: 1

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Events		Events		Events	
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BPA results		Performance		Performance	
		BPA results		BPA results	
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Add Roles and Features Wizard

Before you begin

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This wizard helps you install roles, role services, or features. You determine which roles, role services, or features to install based on the computing needs of your organization, such as sharing documents, or hosting a website.

To remove roles, role services, or features:
Start the Remove Roles and Features Wizard

Before you continue, verify that the following tasks have been completed:

- The Administrator account has a strong password
- Network settings, such as static IP addresses, are configured
- The most current security updates from Windows Update are installed

If you must verify that any of the preceding prerequisites have been completed, close the wizard, complete the steps, and then run the wizard again.

To continue, click Next.

☐ Skip this page by default

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Add Roles and Features Wizard

Select installation type

Before You Begin
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Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD).

○ **Role-based or feature-based installation**
Configure a single server by adding roles, role services, and features.

○ **Remote Desktop Services installation**
Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.

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Add Roles and Features Wizard — □ ×

Select destination server

Before You Begin
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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
glpi-uwm-dc-01	192.168.197.15...	Microsoft Windows Server 2022 Standard Evaluation

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.

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Add Roles and Features Wizard

Select server roles

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Select one or more roles to install on the sele

Roles

- ☐ Active Directory Certificate Services
- ☑ Active Directory Domain Services
- ☐ Active Directory Federation Services
- ☐ Active Directory Lightweight Director
- ☐ Active Directory Rights Management
- ☐ Device Health Attestation
- ☐ DHCP Server
- ☑ DNS Server
- ☐ Fax Server
- ▷ ■ File and Storage Services (1 of 12 inst
- ☐ Host Guardian Service
- ☐ Hyper-V
- ☐ Network Policy and Access Services
- ☐ Print and Document Services
- ☐ Remote Access
- ☐ Remote Desktop Services
- ☐ Volume Activation Services
- ☐ Web Server (IIS)
- ☐ Windows Deployment Services
- ☐ Windows Server Update Services

Add Roles and Features Wizard ✕

Add features that are required for Active Directory
Domain Services?

The following tools are required to manage this feature, but do not
have to be installed on the same server.

▲ Remote Server Administration Tools

☑ Include management tools (if applicable)

[Add Features]   [Cancel]

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[< Previous] [Next >]   [Install]   [Cancel]

Select features

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

Features

- ▲ ☑ .NET Framework 3.5 Features
  - ☑ .NET Framework 3.5 (includes .NET 2.0 and 3.0)
  - ☑ HTTP Activation
  - ☑ Non-HTTP Activation
- ▷ ■ .NET Framework 4.8 Features (2 of 7 installed)
- ☑ Azure Arc Setup (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

Description

Non-HTTP Activation supports
process activation via Message
Queuing, TCP and named pipes.
Applications that use Non-HTTP
Activation can start and stop
dynamically in response to work
items that arrive over the network
via Message Queuing, TCP and
named pipes.

[< Previous] [Next >]   [Install]   [Cancel]

Active Directory Domain Services

Before You Begin
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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

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DNS Server

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Domain Name System (DNS) provides a standard method for associating names with numeric Internet addresses. This makes it possible for users to refer to network computers by using easy-to-remember names instead of a long series of numbers. In addition, DNS provides a hierarchical namespace, ensuring that each host name will be unique across a local or wide-area network. Windows DNS services can be integrated with Dynamic Host Configuration Protocol (DHCP) services on Windows, eliminating the need to add DNS records as computers are added to the network.

Things to note:

- DNS server integration with Active Directory Domain Services automatically replicates DNS data along with other Directory Service data, making it easier to manage DNS.

- Active Directory Domain Services requires a DNS server to be installed on the network. If you are installing a domain controller, you can also install the DNS Server role using Active Directory Domain Services Installation Wizard by selecting the Active Directory Domain Services role.

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Web Server Role (IIS)

Before You Begin
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Web servers are computers that let you share information over the Internet, or through intranets and extranets. The Web Server role includes Internet Information Services (IIS) 10.0 with enhanced security, diagnostic and administration, a unified Web platform that integrates IIS 10.0, ASP.NET, and Windows Communication Foundation.

- The default installation for the Web Server (IIS) role includes the installation of role services that enable you to serve static content, make minor customizations (such as default documents and HTTP errors), monitor and log server activity, and configure static content compression.

More information about Web Server IIS

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Select role services

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Select the role services to install for Web Server (IIS)

Role services

- ▲ ☑ Web Server
  - ▲ ☐ Common HTTP Features
    - ☐ Default Document
    - ☐ Directory Browsing
    - ☐ HTTP Errors
    - ☐ Static Content
    - ☐ HTTP Redirection
    - ☐ WebDAV Publishing
  - ▲ ☐ Health and Diagnostics
    - ☐ HTTP Logging
    - ☐ Custom Logging
    - ☐ Logging Tools
    - ☐ ODBC Logging
    - ☐ Request Monitor
    - ☐ Tracing
  - ▲ ☐ Performance
    - ☐ Static Content Compression
    - ☐ Dynamic Content Compression
  - ▲ ☑ Security

Description

Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to create Web-based applications.

< Previous   Next >   Install   Cancel

Confirm installation selections

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

Before You Begin

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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.

.NET Framework 3.5 Features
   .NET Framework 3.5 (includes .N

   HTTP Activation

   Non-HTTP Activation

.NET Framework 4.8 Features
   ASP.NET 4.8

Active Directory Domain Services

DNS Server

Group Policy Management

Add Roles and Features Wizard   ✕

⚠ If a restart is required, this server restarts automatically, without additional notifications. Do you want to allow automatic restarts?

Yes   No

Export configuration settings
Specify an alternate source path

< Previous   Next >   Install   Cancel

Installation progress

Before You Begin

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View installation progress

ⓘ Feature installation

Configuration required. Installation succeeded on glpi-uwm-dc-01.

Active Directory Domain Services
   Additional steps are required to make this machine a domain controller.
   Promote this server to a domain controller

.NET Framework 3.5 Features
   .NET Framework 3.5 (includes .NET 2.0 and 3.0)
   HTTP Activation
   Non-HTTP Activation

.NET Framework 4.8 Features
   ASP.NET 4.8

DNS Server

Group Policy Management

You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.
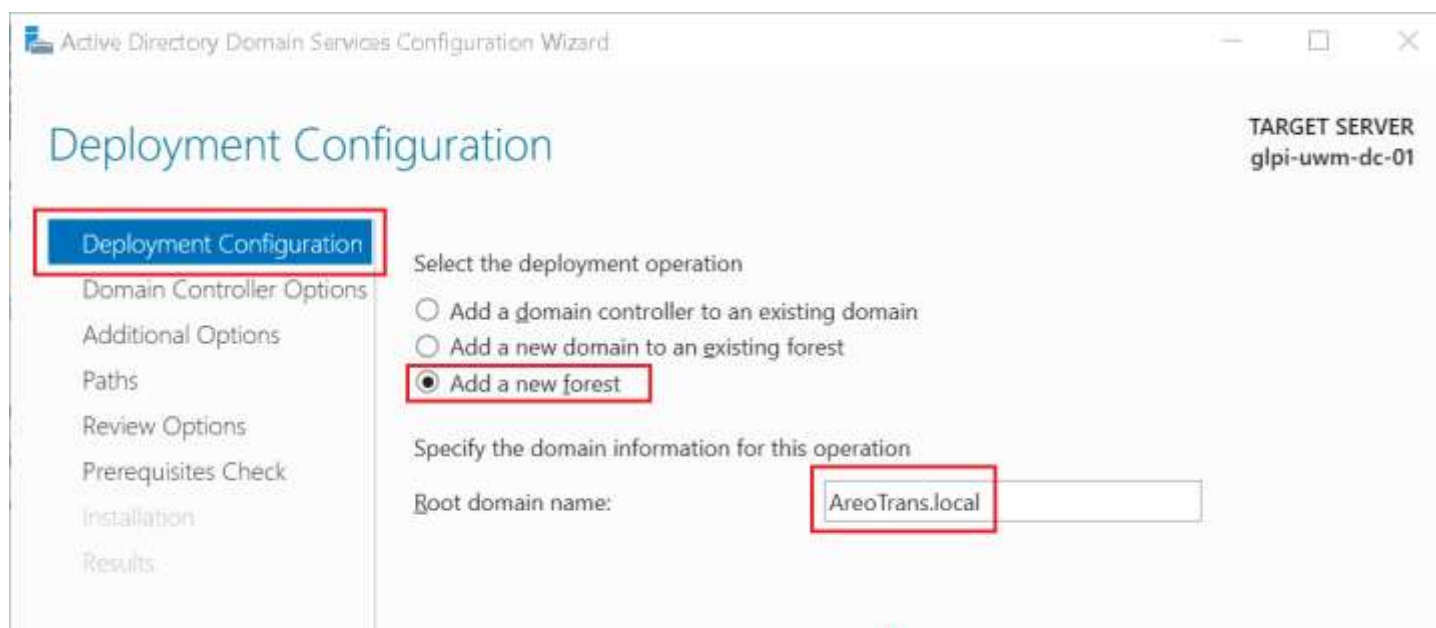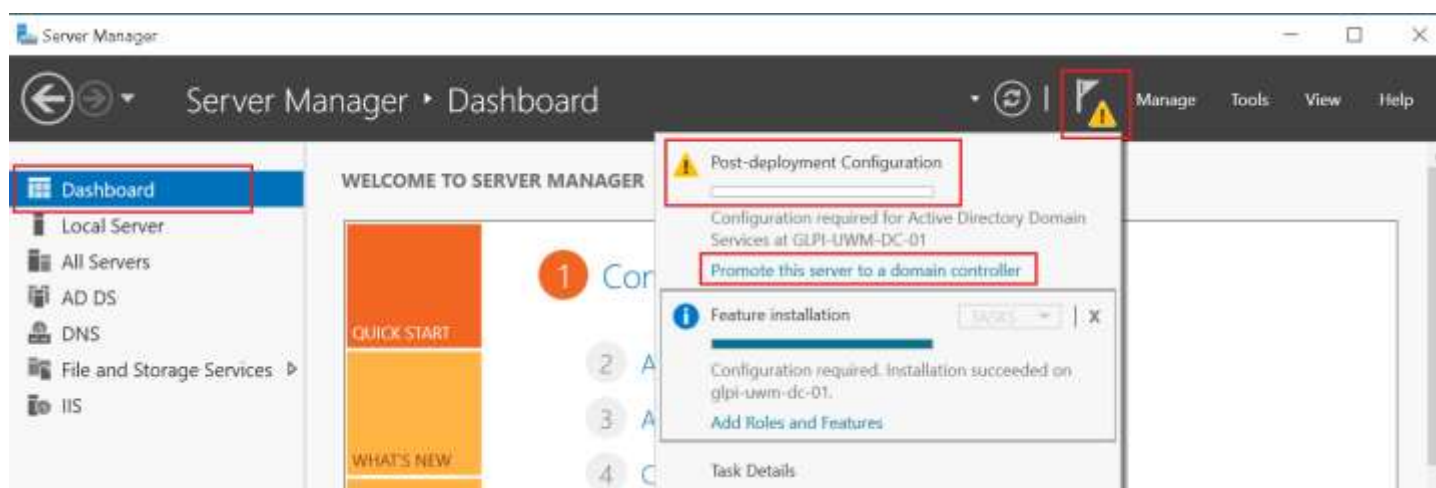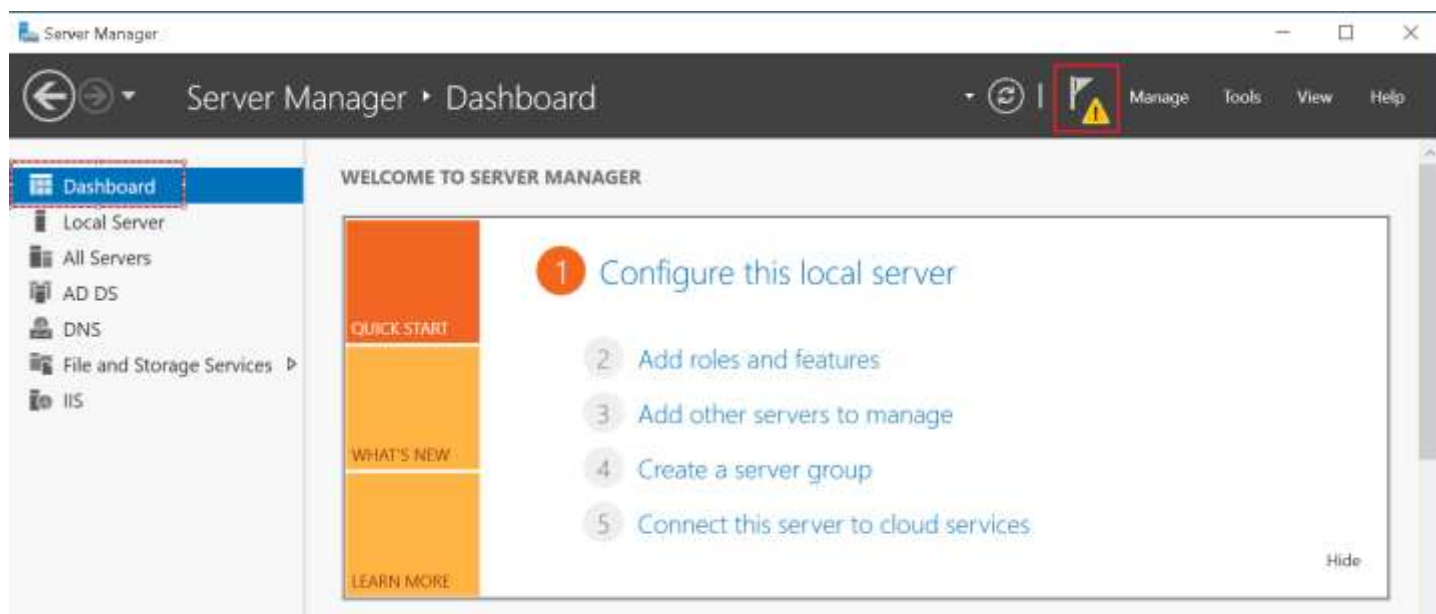
Export configuration settings

< Previous   Next >   Close   Cancel

Active Directory Domain Services Configuration Wizard

Paths

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

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

Database folder:	C:\Windows\NTDS
Log files folder:	C:\Windows\NTDS
SYSVOL folder:	C:\Windows\SYSVOL

More about Active Directory paths

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Review Options

Deployment Configuration

Domain Controller Options

   DNS Options

Additional Options

Paths

Review Options

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Review your selections:

Configure this server as the first Active Directory domain controller in a new forest.

The new domain name is "AreoTrans.local". This is also the name of the new forest.

The NetBIOS name of the domain: AREOTRANS

Forest Functional Level: Windows Server 2016

Domain Functional Level: Windows Server 2016

Additional Options:

  Global catalog: Yes

  DNS Server: Yes

  Create DNS Delegation: No

These settings can be exported to a Windows PowerShell script to automate additional installations

View script

More about installation options

< Previous   Next >   Install   Cancel

Active Directory Domain Services Configuration Wizard

Prerequisites Check

✅ 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).

⚠ This computer has at least one physical network adapter that does not have static IP address(es) assigned to its IP Properties. If both IPv4 and IPv6 are enabled for a network adapter, both IPv4 and IPv6 static IP addresses should be assigned to both IPv4 and IPv6 Properties of the physical network adapter. Such static IP address(es) assignment should be done to all the physical network adapters for reliable Domain Name System

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

More about prerequisites

< Previous   Next >   **Install**   Cancel

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- 📑 AD DS
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- 📠 IIS

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ROLES AND SERVER GROUPS
Roles: 4 | Server groups: 1 | Servers total: 1

📑 AD DS   1   🔲 DNS   1   📑 File and Storage Services   1