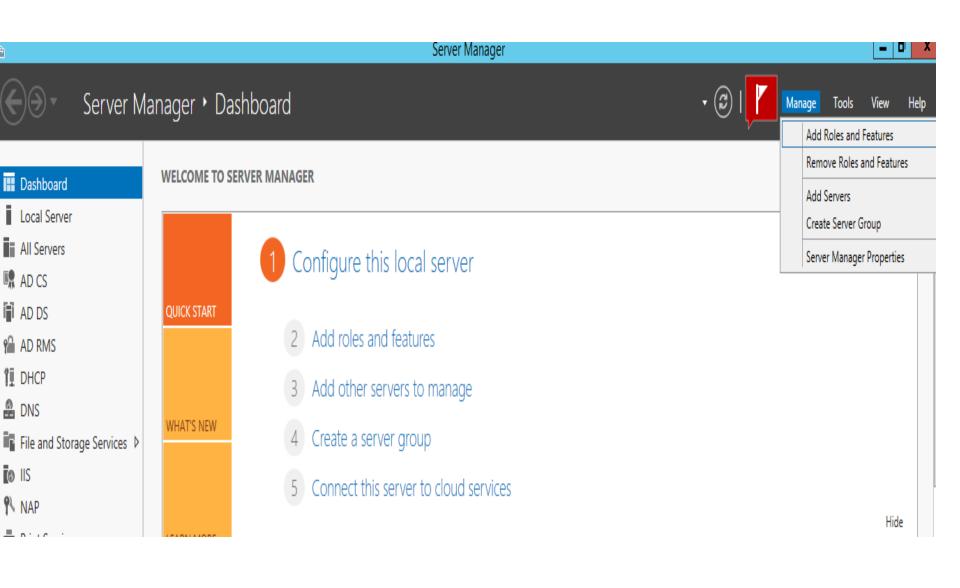
Installing the Hyper-v Role

Server 2012r2





Before you begin

DESTINATION SERVER testserver.testserver.com

Before You Begin

Installation Type

Server Selection

To remove roles, role services, or features:

Remove Roles and Features Wizard Select destination server

hosting a website.

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.

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

To continue, click Next.

Skip this page by default

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Install



Select installation type

DESTINATION SERVER testserver.testserver.com

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Features

Confirmation

Results

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.

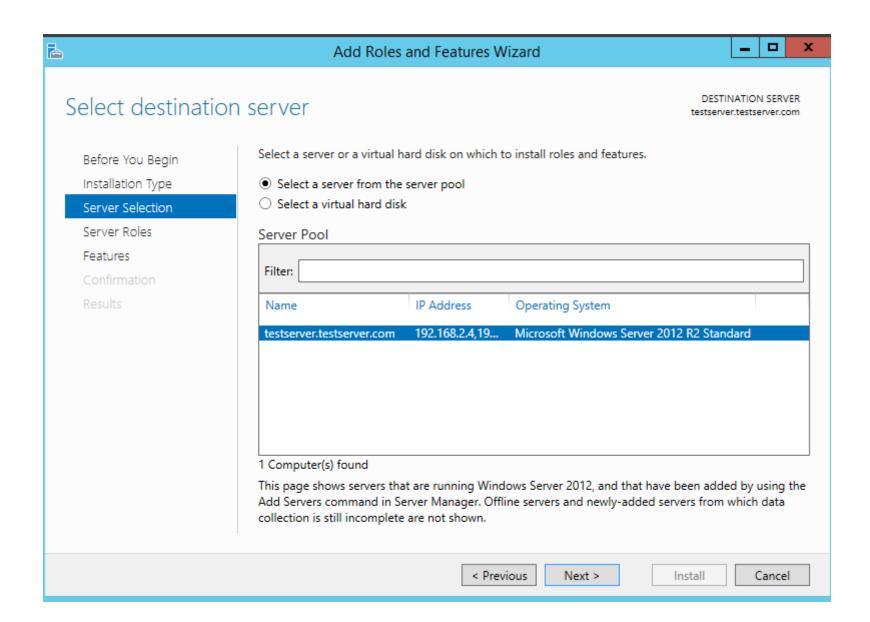
O Remote Desktop Services installation

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

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Install





Select server roles

DESTINATION SERVER testserver.testserver.com

Before You Begin Installation Type

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

Roles

Active Directory Certificate Services (Installed)

Active Directory Domain Services (Installed)

Active Directory Federation Services

Active Directory Lightweight Directory Services

Active Directory Rights Management Services (1 o

Application Server

DHCP Server (Installed)

DNS Server (Installed)

Fax Server

File and Storage Services (8 of 12 installed)

Hyper-V

Network Policy and Access Services (Installed)

Print and Document Services (3 of 4 installed)

Remote Access (Installed)

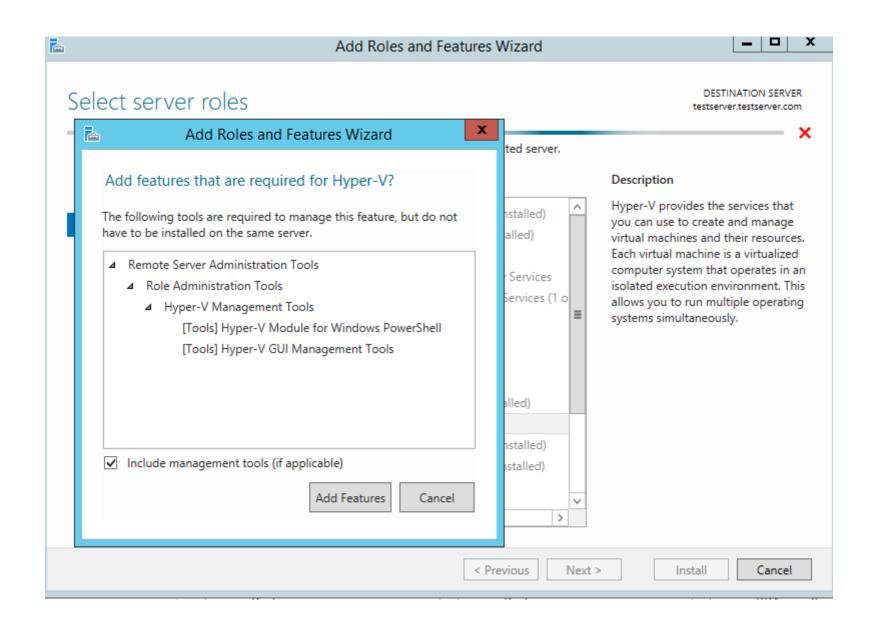
Description

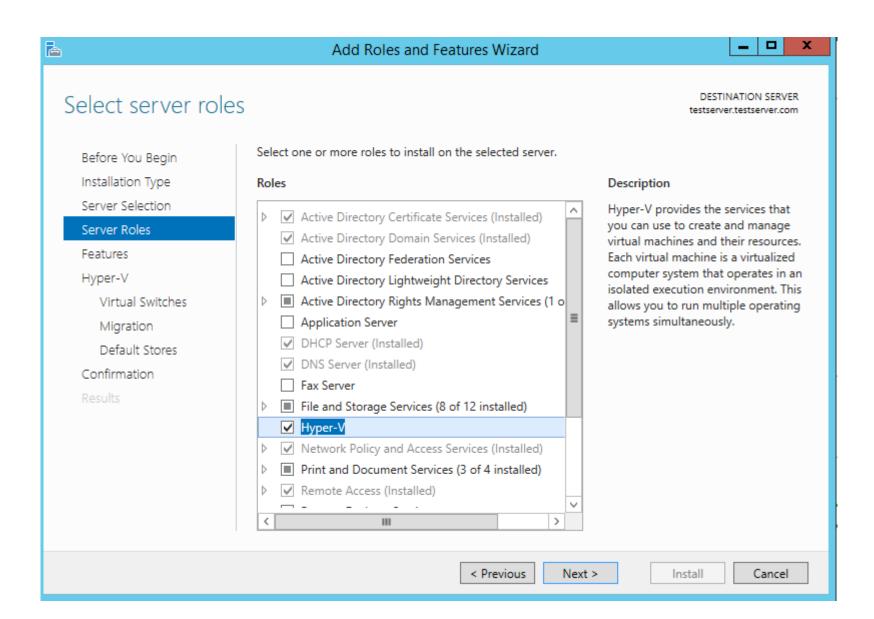
Hyper-V provides the services that you can use to create and manage virtual machines and their resources. Each virtual machine is a virtualized computer system that operates in an isolated execution environment. This allows you to run multiple operating systems simultaneously.

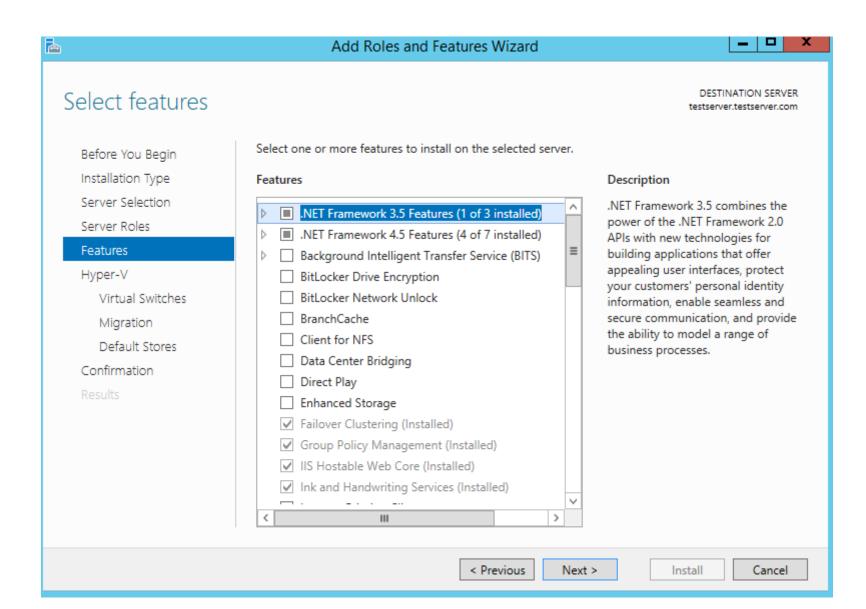
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Hyper-V

DESTINATION SERVER testserver.testserver.com

Before You Begin Installation Type Server Selection Server Roles

Features

Hyper-V

Virtual Switches Migration

Default Stores

Confirmation

Hyper-V allows you to virtualize your server workloads by running those workloads on virtual machines. You can use virtual machines to consolidate multiple workloads on one physical server, to improve server availability, and to increase efficiency in developing and testing software.

Things to note:

- Before you install this role, you should identify which network connections on this server you want to
 use for setting up virtual switches.
- After you install Hyper-V, you can use Hyper-V Manager to create and configure your virtual machines.

More information about Hyper-V

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Create Virtual Switches

DESTINATION SERVER testserver.testserver.com

Before You Begin

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Virtual Switches

Migration

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Results

Virtual machines require virtual switches to communicate with other computers. After you install this role, you can create virtual machines and attach them to a virtual switch.

One virtual switch will be created for each network adapter you select. We recommend that you create at least one virtual switch now to provide virtual machines with connectivity to a physical network. You can add, remove, and modify your virtual switches later by using the Virtual Switch Manager.

Network adapters:

Name	Description
✓ Ethernet	Broadcom NetLink (TM) Gigabit Ethernet
☐ Wi-Fi	Qualcomm Atheros AR5B125 Wireless Network Adapter

We recommend that you reserve one network adapter for remote access to this server. To reserve a network adapter, do not select it for use with a virtual switch.

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Install



Virtual Machine Migration

DESTINATION SERVER testserver.testserver.com

Before You Begin

Installation Type

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Migration

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Results

Hyper-V can be configured to send and receive live migrations of virtual machines on this server. Configuring Hyper-V now enables any available network on this server to be used for live migrations. If you want to dedicate specific networks for live migration, use Hyper-V settings after you install the role.

✓ Allow this server to send and receive live migrations of virtual machines

Authentication protocol

Select the protocol you want to use to authenticate live migrations.

- Use Credential Security Support Provider (CredSSP)
 This protocol is less secure than Kerberos, but does not require you to set up constrained delegation. To perform a live migration, you must be logged on to the source server.
- Use Kerberos
 This protocol is more secure but requires you to set up constrained delegation in your environment to perform tasks such as live migration when managing this server remotely.

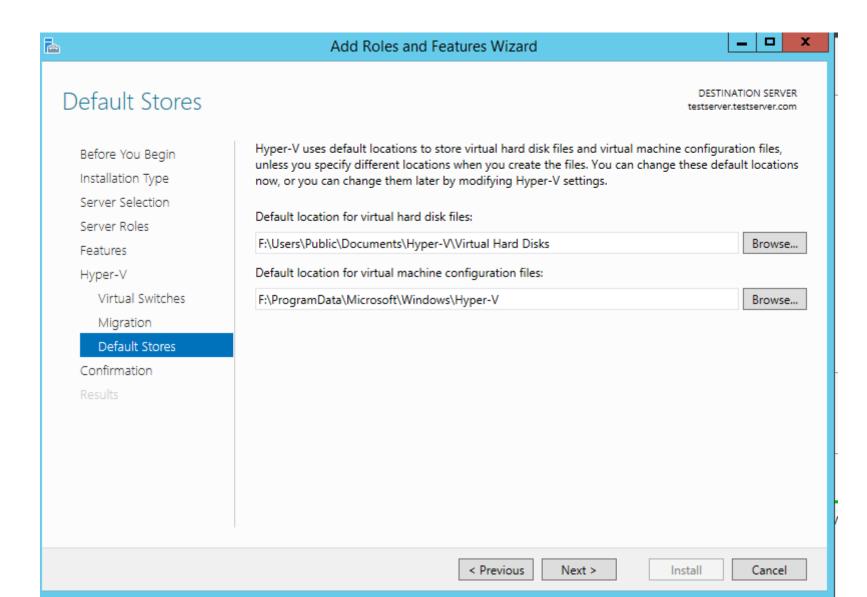


If this server will be part of a cluster, do not enable migration now. Instead, you will configure the server for live migration, including specifying networks, when you create the cluster.

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Confirm installation selections

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Hyper-V

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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.

Hyper-V

Remote Server Administration Tools

Role Administration Tools

Hyper-V Management Tools

Hyper-V Module for Windows PowerShell

Hyper-V GUI Management Tools

Export configuration settings Specify an alternate source path

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Install

