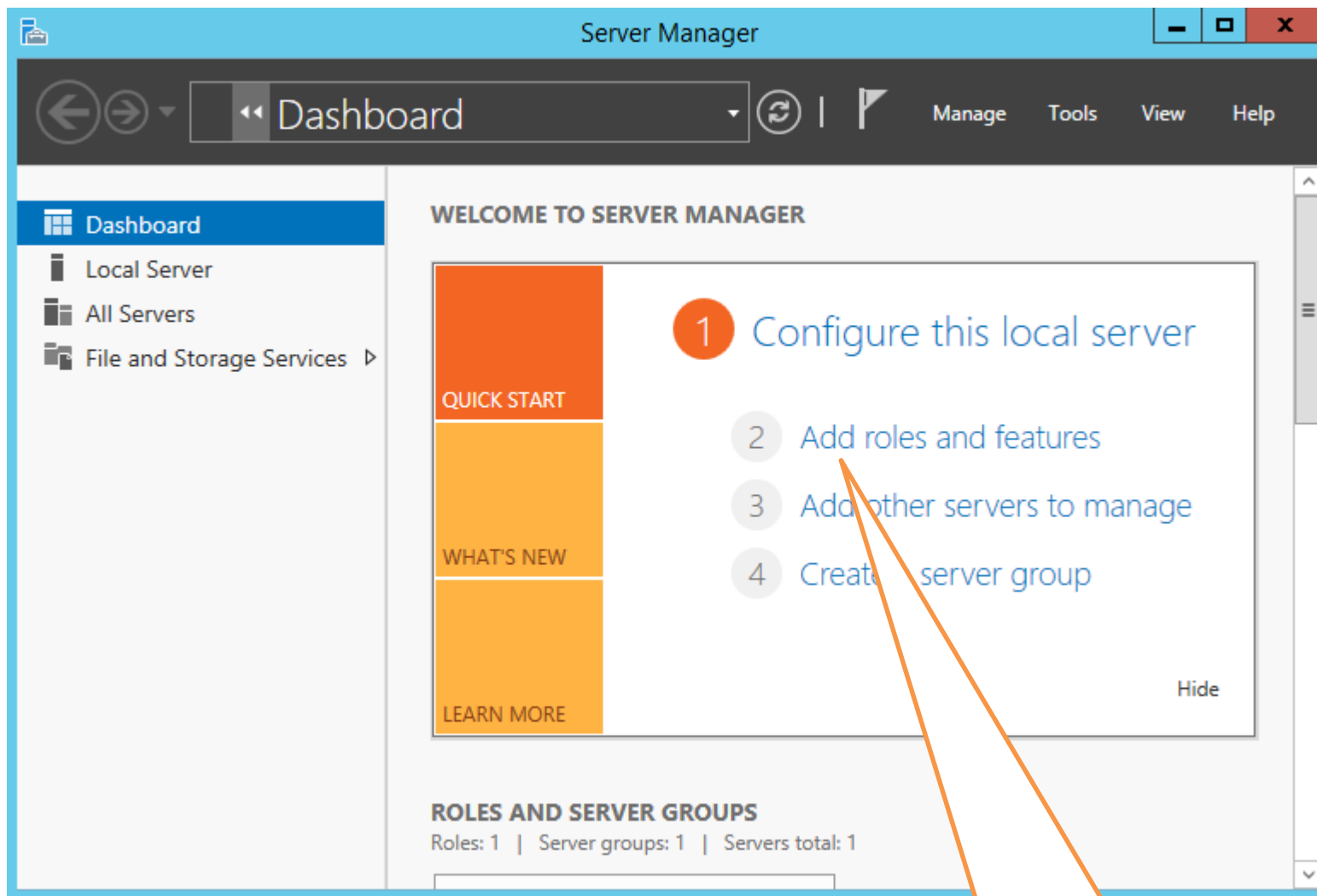




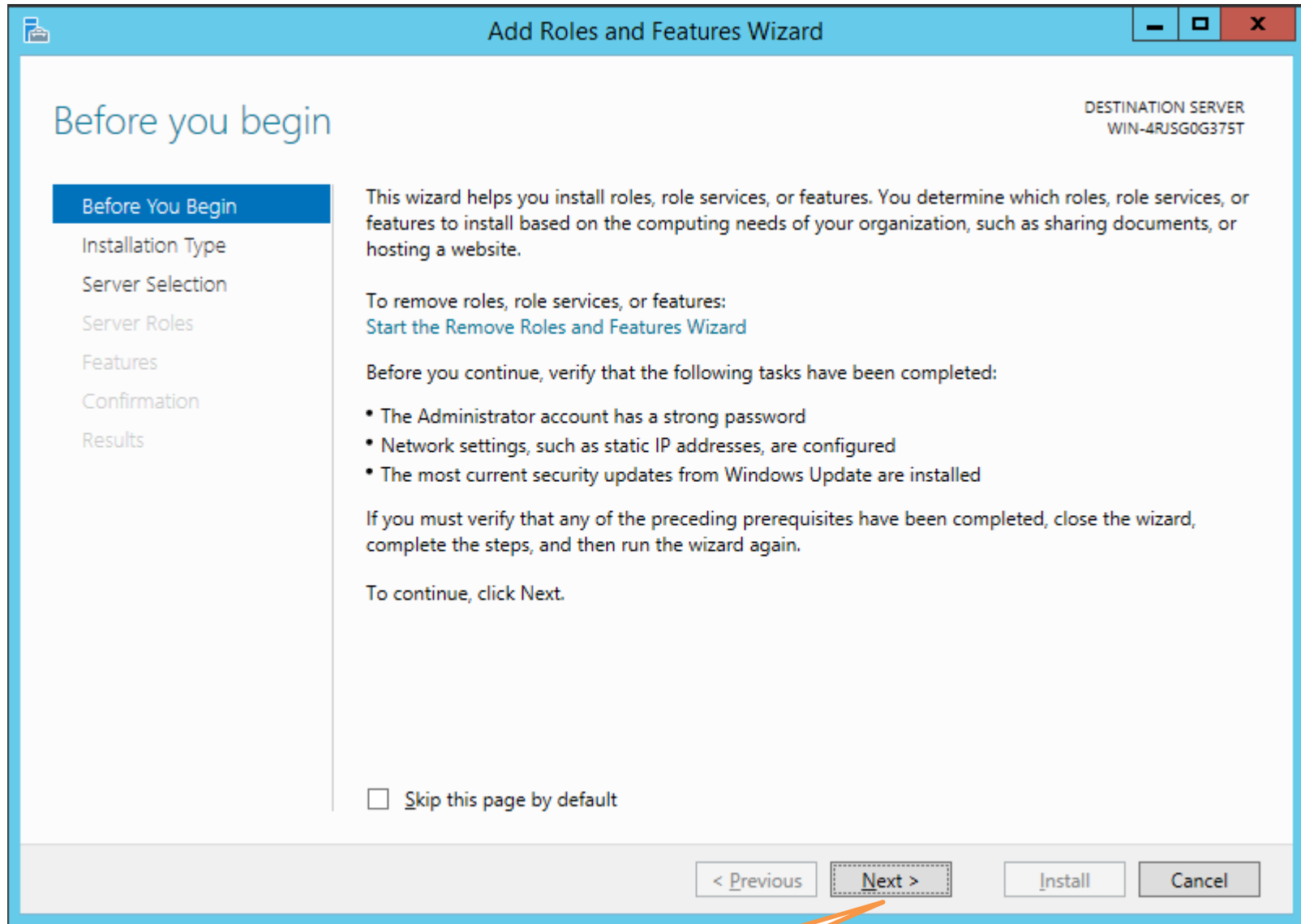
infoRouter Version 8.5.x Prerequisites for Installation on MS Windows 2012 Standard Edition

Open the “Server Manager” window



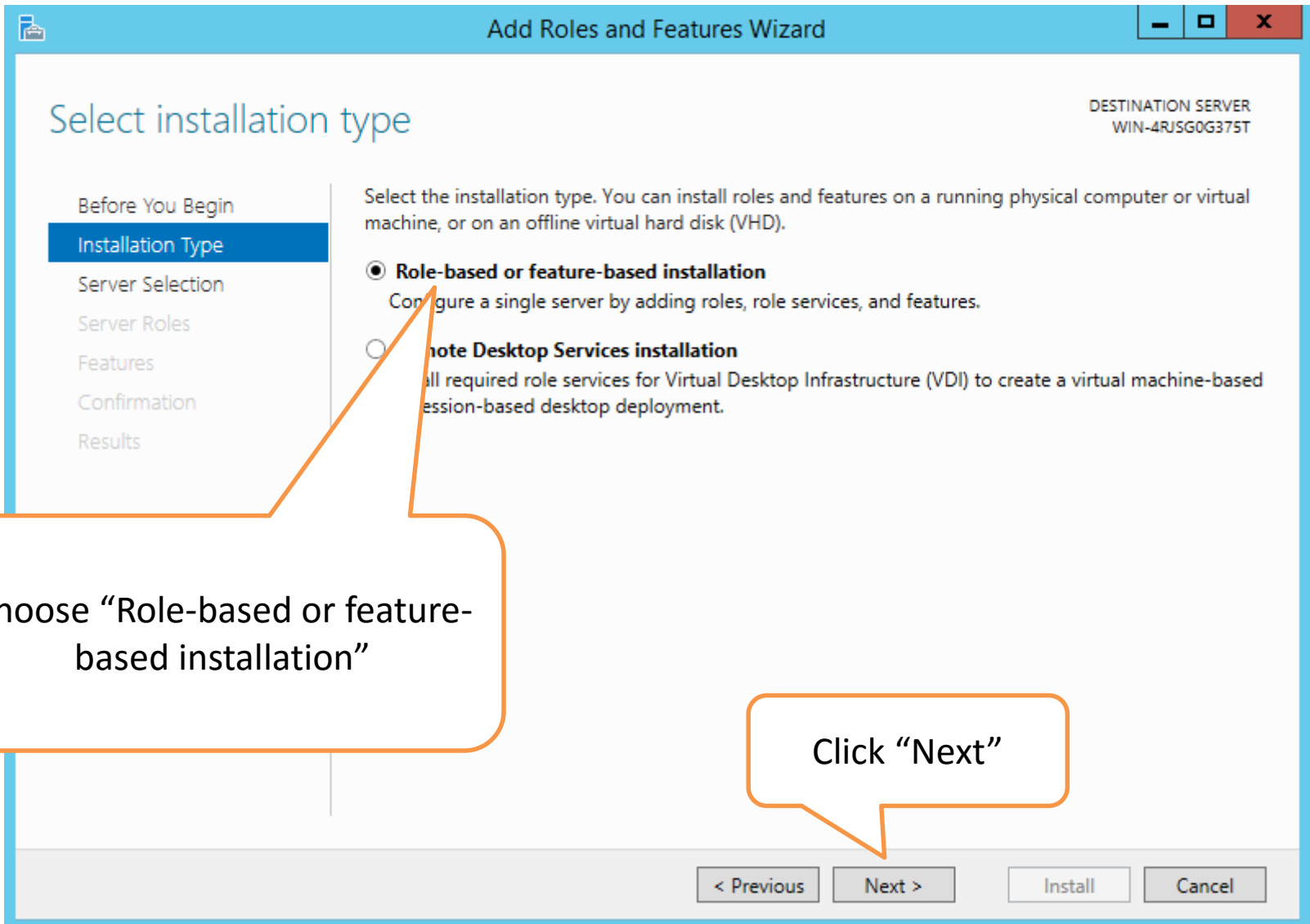
Click “Add Roles and features”

“Add Roles and Features Wizard” opens



Click “Next”

Continue on “Add Roles and Features Wizard”



Choose “Role-based or feature-based installation”

Click “Next”

Adding Application Server & Web Server(IIS)

The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Select server roles'. In the top right corner, it says 'DESTINATION SERVER WIN-4RJS60G375T'. On the left, a navigation pane lists steps: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles' (highlighted), 'Features', 'Application Server', 'Web Server Role (IIS)', 'Confirmation', and 'Results'. The main area contains a list of roles with checkboxes. 'Application Server' and 'Web Server (IIS)' are checked. A description for 'Windows Server Update Services' is visible on the right. At the bottom, there are buttons for '< Previous', 'Next >', 'Install', and 'Cancel'. Three callouts with orange borders point to the 'Application Server' checkbox, the 'Web Server (IIS)' checkbox, and the 'Next >' button.

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

Roles	Description
<input type="checkbox"/> Active Directory Lightweight Directory Services	
<input type="checkbox"/> Active Directory Rights Management Services	
<input checked="" type="checkbox"/> Application Server	
<input type="checkbox"/> DHCP Server	
<input type="checkbox"/> DNS Server	
<input type="checkbox"/> Fax Server	
<input checked="" type="checkbox"/> File and Storage Services (1 of 12 installed)	
<input type="checkbox"/> Hyper-V	
<input type="checkbox"/> Network Policy and Access Services	
<input type="checkbox"/> Print and Document Services	
<input type="checkbox"/> Remote Access	
<input type="checkbox"/> Remote Desktop Services	
<input type="checkbox"/> Volume Activation Services	
<input checked="" type="checkbox"/> Web Server (IIS)	
<input type="checkbox"/> Windows Deployment Services	

Windows Server Update Services allows network administrators to specify the Microsoft updates that should be installed, create separate update catalogs for different computers and the updates that must be installed.

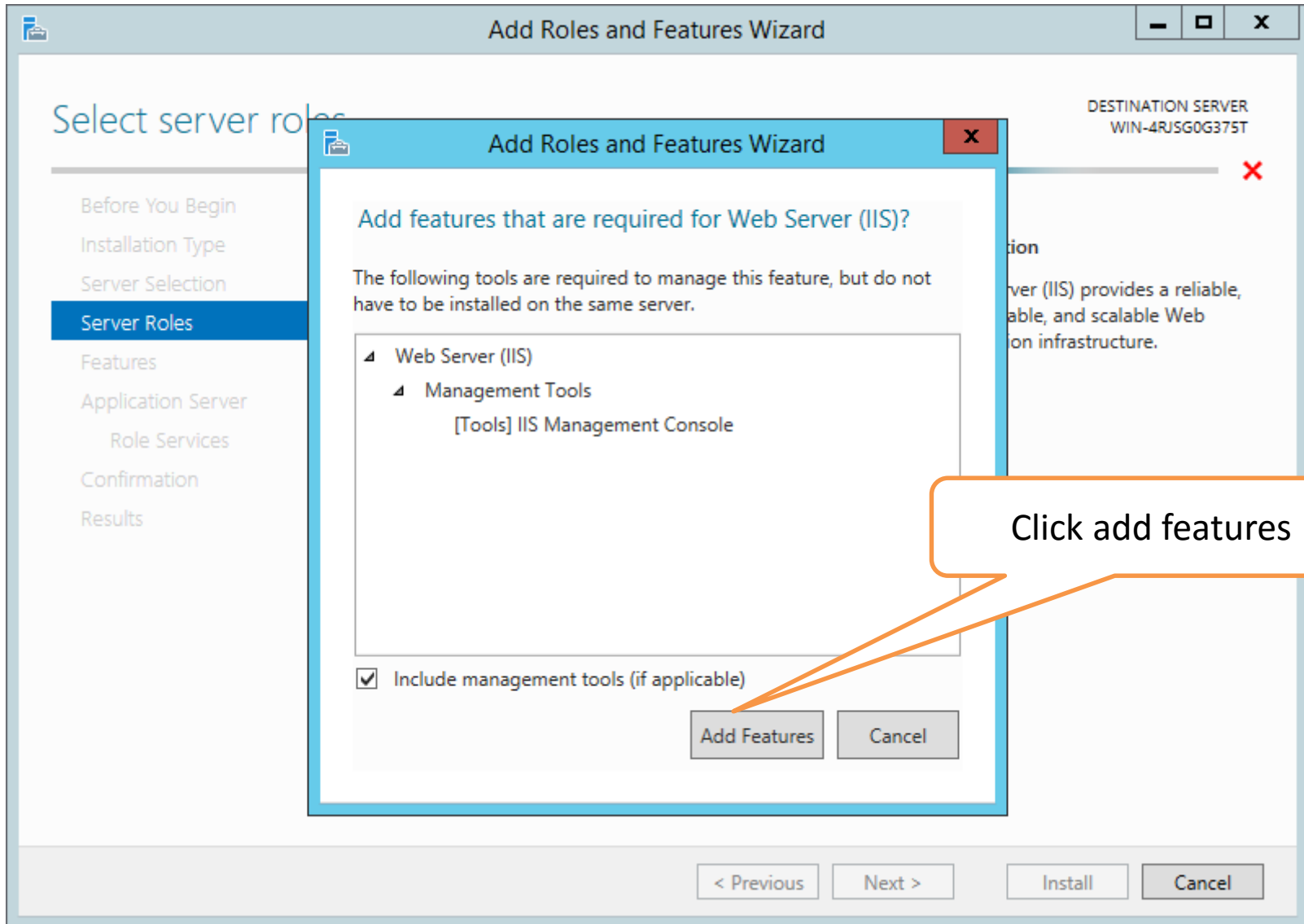
< Previous **Next >** Install Cancel

Check "Application Server"

Check "Web Server (IIS)"

Click "Next"

Adding Application Server & Web Server(IIS)



Adding "Features"

Add Roles and Features Wizard
WIN-4RJ5G0G375T

Select features

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
 Role Services
Web Server Role (IIS)
 Role Services
Confirmation
Results

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

Features	Description
<input checked="" type="checkbox"/> .NET Framework 3.5 Features <ul style="list-style-type: none"><input checked="" type="checkbox"/> .NET Framework 3.5 (includes .NET 2.0 and 3.0)<input type="checkbox"/> HTTP Activation<input type="checkbox"/> Non-HTTP Activation	Management OData IIS Extension is a framework for easily exposing Windows PowerShell cmdlets through an ODATA-based web service running under IIS. After enabling this feature, the user must provide a schema file (which contains definitions of the resources to be exposed) and an implementation of callback interfaces to make the web service functional.
<input checked="" type="checkbox"/> .NET Framework 4.5 Features (2 of 7 installed) <ul style="list-style-type: none"><input checked="" type="checkbox"/> .NET Framework 4.5 (Installed)<input checked="" type="checkbox"/> ASP.NET 4.5<input checked="" type="checkbox"/> WCF Services (1 of 5 installed)<input type="checkbox"/> Background Intelligent Transfer Service (BITS)<input type="checkbox"/> BitLocker Drive Encryption<input type="checkbox"/> BitLocker Network Unlock<input type="checkbox"/> BranchCache	

< Previous Next > Install Cancel

Adding “Features”

Select features

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
 Role Services
Web Server Role (IIS)
 Role Services
Confirmation
Results

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

Features	Description
<input type="checkbox"/> Quality Windows Audio Video Experience	
<input type="checkbox"/> RAS Connection Manager Administration Kit (CMATK)	
<input type="checkbox"/> Remote Assistance	
<input type="checkbox"/> Remote Differential Compression	
<input checked="" type="checkbox"/> Remote Server Administration Tools	
<input type="checkbox"/> RPC over HTTP Proxy	
<input type="checkbox"/> Simple TCP/IP Services	
<input checked="" type="checkbox"/> SMB 1.0/CIFS File Sharing Support (Client and Services)	
<input type="checkbox"/> SMB Bandwidth Limit	
<input checked="" type="checkbox"/> SMTP Server	
<input type="checkbox"/> SNMP Service	
<input type="checkbox"/> Telnet Client	
<input type="checkbox"/> Telnet Server	
<input type="checkbox"/> TFTP Client	
<input type="checkbox"/> User Interfaces and Infrastructure (2 of 3 installed)	

Windows Internal Database is a relational data store that can be used only by Windows roles and features, such as Active Directory Rights Management Services, Windows Server Update Services,

< Previous Next > Install Cancel

Scroll down and choose “Remote Server Administration Tools”

Scroll down and choose “SMTP Server”

if you don't have an SMTP server on your network, you need to install a “SMTP” Server to send emails using the local machine.

Adding "Features"

The screenshot shows the 'Add Roles and Features Wizard' window. On the left, a navigation pane lists steps: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features' (highlighted), 'Application Server', 'Web Server Role (IIS)', 'Confirmation', and 'Results'. The main area displays a dialog box titled 'Add Roles and Features Wizard' with the following content:

Add features that are required for Remote Server Administration Tools?

You cannot install Remote Server Administration Tools unless the following role services or features are also installed.

- Web Server (IIS)
 - Management Tools
 - IIS 6 Management Compatibility
 - IIS 6 Management Console
 - IIS 6 Metabase Compatibility

Include management tools (if applicable)

Buttons: Add Features, Cancel

At the bottom of the wizard are buttons: < Previous, Next >, Install, and Cancel.

An orange callout box with the text 'Click add features' points to the 'Add Features' button.

Background text in the wizard: DESTINATION SERVER WIN-4RJSOG0G375T

Adding "Features"

DESTINATION SERVER
WIN-4RJ5G0G375T

Select features

- Before You Begin
- Installation Type
- Server Selection
- Server Roles
- Features**
- Application Server
- Web Server Role (IIS)
- Confirmation
- Results

Add Roles and Features Wizard

Add features that are required for SMTP Server?

You cannot install SMTP Server unless the following role services or features are also installed.

- Web Server (IIS)
 - Web Server
 - Health and Diagnostics
 - ODBC Logging

Include management tools (if applicable)

Add Features Cancel

Click add features

< Previous Next > Install Cancel

Adding "Features"

DESTINATION SERVER
WIN-4RJS60G375T

Select features

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
 Role Services
Web Server Role (IIS)
 Role Services
Confirmation
Results

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

Features	Description
<input type="checkbox"/> Windows Identity Foundation 3.5	
<input type="checkbox"/> Windows Internal Database	
▶ <input checked="" type="checkbox"/> Windows PowerShell (2 of 5 installed)	
▶ <input type="checkbox"/> Windows Process Activation Service	
<input checked="" type="checkbox"/> Windows Search Service	
<input type="checkbox"/> Windows Server Backup	
<input type="checkbox"/> Windows Server Migration Tools	
<input type="checkbox"/> Windows Standards-Based Storage Management	
<input type="checkbox"/> Windows TIFF IFilter	
<input type="checkbox"/> WinRM IIS Extension	
<input type="checkbox"/> WINS Server	
<input type="checkbox"/> Wireless LAN Service	
<input checked="" type="checkbox"/> WoW64 Support (Installed)	
<input type="checkbox"/> XPS Viewer	

< Previous **Next >** Install Cancel

Click "Next"

Continue Installation

The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard'. The main content area is titled 'Application Server' and includes the following text: 'Application Server hosts and centrally manages applications that interoperate with systems on the network such as heterogeneous databases, identity management services, security systems, and Web applications and services. Application Server also supports developing custom business applications through integrated services such as the .NET Framework 4.5, COM+, Web Server (IIS) Support, and Message Queuing.' Below this, under 'Things to note:', there is a bullet point: 'We recommend that you install Web Server (IIS) Support if you plan to host distributed applications built using ASP.NET or Windows Communication Foundation (WCF).' The left sidebar contains a list of steps: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features', 'Application Server' (highlighted), 'Role Services', 'Web Server Role (IIS)', 'Role Services', 'Confirmation', and 'Results'. The bottom of the window has four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'. An orange callout box with the text 'Click "Next"' points to the 'Next >' button.

DESTINATION SERVER
WIN-4RJSG0G375T

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
Role Services
Web Server Role (IIS)
Role Services
Confirmation
Results

Application Server hosts and centrally manages applications that interoperate with systems on the network such as heterogeneous databases, identity management services, security systems, and Web applications and services. Application Server also supports developing custom business applications through integrated services such as the .NET Framework 4.5, COM+, Web Server (IIS) Support, and Message Queuing.

Things to note:

- We recommend that you install Web Server (IIS) Support if you plan to host distributed applications built using ASP.NET or Windows Communication Foundation (WCF).

More information about Application Server

< Previous Next > Install Cancel

Click "Next"

Adding “Web Server (IIS) Support”

DESTINATION SERVER
WIN-4RJS0G0375T

Select role services

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
Role Services
Web Server Role (IIS)
Role Services
Confirmation
Results

Select the role services to install for Application Server

Role services

- .NET Framework 4.5
- COM+ Network Access
- Distributed Transactions
 - WS-Atomic Transactions
 - Incoming Network Transactions
 - Outgoing Network Transactions
- TCP Port Sharing
- Web Server (IIS) Support**
- Windows Process Activation Service Support
 - HTTP Activation
 - Message Queuing Activation
 - Named Pipes Activation
 - TCP Activation

External Web Sites and Web Services that communicate over HTTP. It includes support for ASP.NET applications that can be accessed via a Web browser such as Internet Explorer, and Web services built using Windows Communication Foundation (WCF).

< Previous **Next >** Install Cancel

Click “Next”

Adding “Web Server (IIS) Support”

The screenshot shows the 'Add Roles and Features Wizard' window. The main window title is 'Add Roles and Features Wizard'. The left sidebar shows the progression: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features', 'Application Server', 'Role Services' (highlighted), 'Web Server Role (IIS)', 'Role Services', 'Confirmation', and 'Results'. The main content area shows 'Select role services' and 'DESTINATION SERVER WIN-4RJ5G0G375T'. A modal dialog box is open, titled 'Add Roles and Features Wizard', with the heading 'Add features that are required for Web Server (IIS) Support?'. The dialog text reads: 'You cannot install Web Server (IIS) Support unless the following role services or features are also installed.' Below this is a tree view of features: 'Web Server (IIS)' expanded to show 'Web Server', which is expanded to show 'Common HTTP Features' (with sub-items 'HTTP Redirection') and 'Application Development' (with sub-items 'ASP.NET 4.5', 'ISAPI Extensions', 'ISAPI Filters', and '.NET Extensibility 4.5'). At the bottom of the dialog, there is a checked checkbox 'Include management tools (if applicable)' and two buttons: 'Add Features' and 'Cancel'. An orange callout box with the text 'Click add features' points to the 'Add Features' button. At the bottom of the main wizard window, there are buttons for '< Previous', 'Next >', 'Install', and 'Cancel'.

Continue Installation

Web Server Role (IIS) DESTINATION SERVER
WIN-4RJSG0G375T

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
Role Services
Web Server Role (IIS)
Role Services
Confirmation
Results

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) 8.5 with enhanced security, diagnostic and administration, a unified Web platform that integrates IIS 8.5, ASP.NET, and Windows Communication Foundation.

Things to note:

- Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer.
- 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](#)

< Previous Next > Install Cancel

Click "Next"

Continue Installation

The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Select role services'. In the top right corner, it says 'DESTINATION SERVER WIN-4RJS60G375T'. On the left, a navigation pane lists steps: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features', 'Application Server', 'Role Services' (highlighted), 'Web Server Role (IIS)', 'Confirmation', and 'Results'. The main area is titled 'Select the role services to install for Web Server (IIS)'. It contains a list of 'Role services' with checkboxes: 'Digest Authentication', 'IIS Client Certificate Mapping Authentication', 'IP and Domain Restrictions', 'URL Authorization', 'Windows Authentication', 'Application Development', 'FTP Server' (with sub-items 'FTP Service' and 'FTP Extensibility'), 'Management Tools' (with sub-items 'IIS Management Console', 'IIS 6 Management Compatibility', 'IIS Management Scripts and Tools', and 'Management Service'). To the right, a 'Description' box states: '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.' At the bottom, there are four buttons: '< Previous', 'Next >', 'Install', and 'Cancel'. An orange callout box points to the 'Next >' button.

Click "Next"

Continue Installation

Add Roles and Features Wizard

DESTINATION SERVER
WIN-4RJSG0G375T

Confirm installation selections

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
 Role Services
Web Server Role (IIS)
 Role Services
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.

- .NET Framework 3.5 Features
 - .NET Framework 3.5 (includes .NET 2.0 and 3.0)
- .NET Framework 4.5 Features
 - ASP.NET 4.5
- Application Server
 - .NET Framework 4.5
- Web Server (IIS) Support
- Remote Server Administration Tools
 - Feature Administration Tools
 - SMTP Server Tools

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

< Previous Next > **Install** Cancel

Click "Install"

Continue Installation

The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard' and the destination server is identified as 'WIN-4RJSG0G375T'. The 'Installation progress' section is active, with a sidebar on the left listing steps: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features', 'Application Server', 'Web Server Role (IIS)', 'Confirmation', and 'Results' (which is highlighted). The main area shows 'View installation progress' with a 'Feature installation' section. A progress bar is partially filled, and text indicates 'Installation started on WIN-4RJSG0G375T'. A list of installed features is shown, including '.NET Framework 3.5 Features', '.NET Framework 4.5 Features', 'Application Server', 'Web Server (IIS) Support', and 'Remote Server Administration Tools'. A notification icon and message are present at the bottom of the main area, and navigation buttons ('< Previous', 'Next >', 'Close', 'Cancel') are at the bottom of the window.

Installation progress

DESTINATION SERVER
WIN-4RJSG0G375T

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Application Server
Web Server Role (IIS)
Confirmation
Results

View installation progress

i Feature installation

Installation started on WIN-4RJSG0G375T

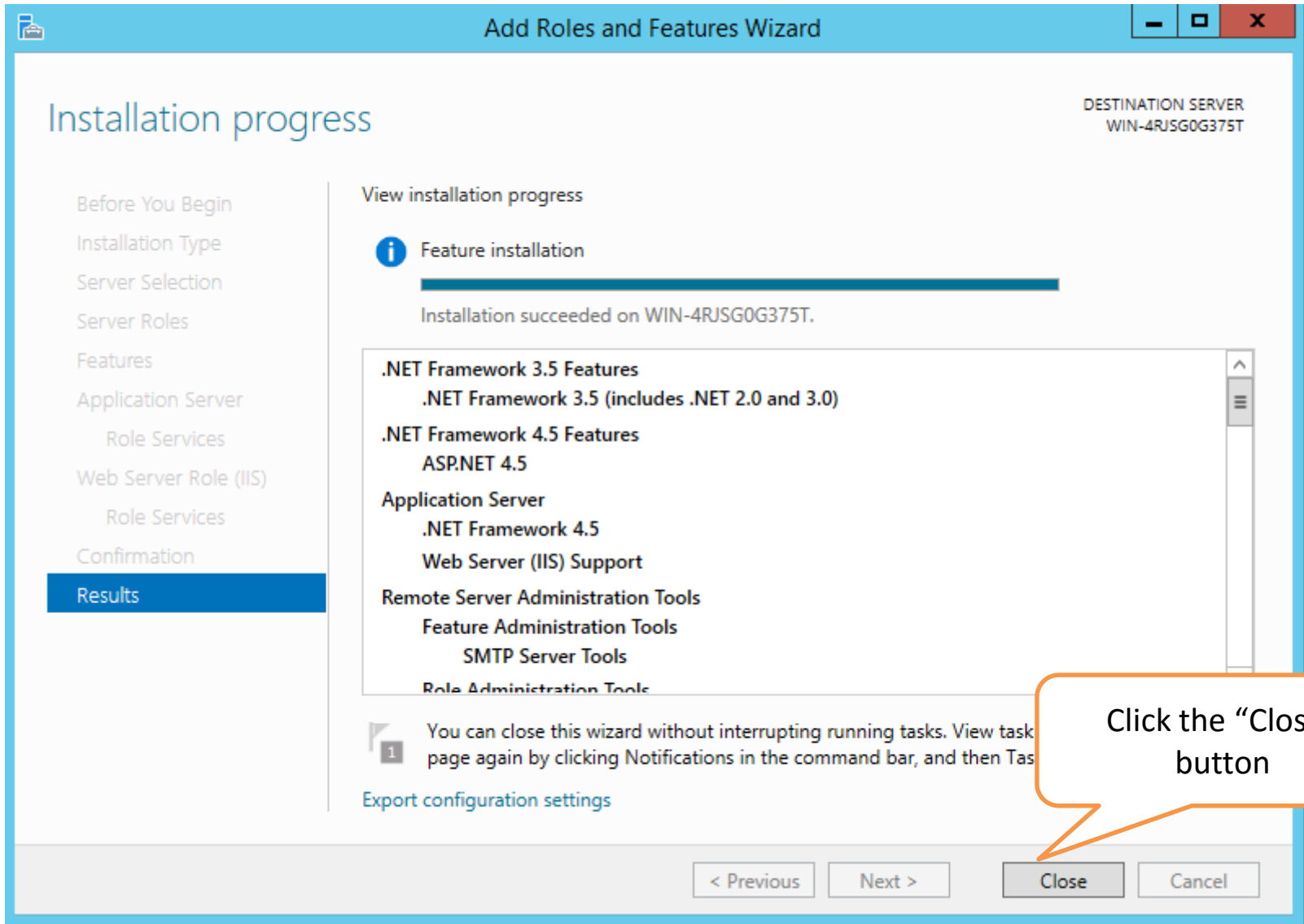
- .NET Framework 3.5 Features
 - .NET Framework 3.5 (includes .NET 2.0 and 3.0)
- .NET Framework 4.5 Features
 - ASP.NET 4.5
- Application Server
 - .NET Framework 4.5
- Web Server (IIS) Support
- Remote Server Administration Tools
 - Feature Administration Tools
 - SMTP Server Tools
 - Role Administration Tools

1 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

Please wait while the required features are installed.





Your server is now ready for the installation of infoRouter.
Please make sure that you meet the requirements outlined in
the System Requirements document.