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# ***Aurora WEB Installation***

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Setup Guide

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# Aurora WEB Server

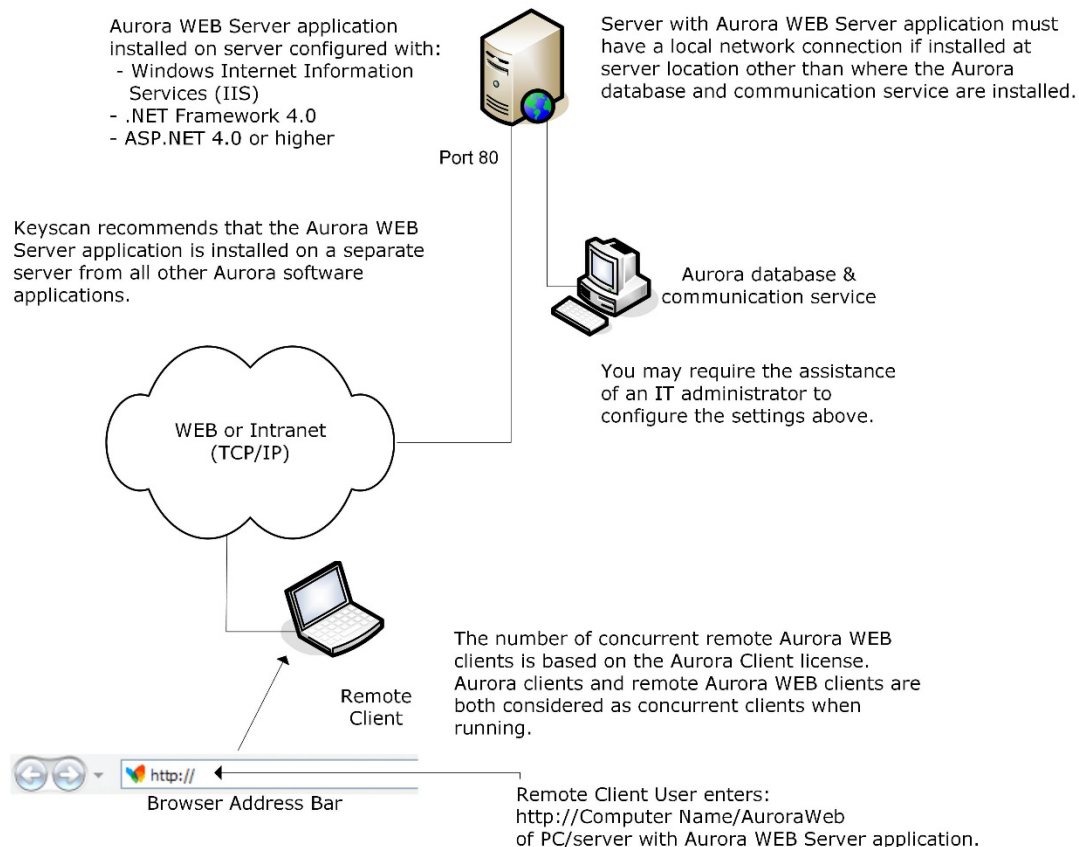
This installation guide reviews the pre-configuration requirements, installation procedures, registration instructions and specifications for the Aurora WEB Server application.

## Important

You must have Aurora version 1.0.9.5 or higher for the Aurora WEB client. The Aurora WEB Server serial number is on the card enclosed with the Additional Modules box.

## Aurora WEB Installation Overview

The Aurora WEB Server application gives you the added option of establishing remote WEB Clients using the Internet or a corporate intranet. In order to function, the Aurora WEB Server must be configured as a WEB server in one of the compatible Windows operating systems. The diagram below provides a basic overview of the Aurora WEB Server installation configuration. Be sure to review the Mandatory Pre-Installation Requirements and the Windows Pre-Installation Requirements before installing the Aurora WEB Server application. The devices used for remote clients only require a compatible browser installed and valid connection to the server where the Aurora WEB Server application is installed.



# Mandatory Pre-Installation Requirements

Before you begin to install the Aurora WEB Server application, ensure that you are aware of the following pre-installation requirements. The server that you are installing the AUR-WEB application on must be configured as a Microsoft WEB Server as outlined below.

- Aurora must be installed, registered, and running, before you can install the AUR-WEB application.
- Ensure that you have the necessary Windows® network and user privileges to install software. Consult with the IT department.
- In addition to the Aurora Media Folder (containing the Aurora Installation Files), you may require your MS Windows Media Image depending on whether the following required components are installed on the server where you are installing the AUR-WEB application to configure it as a Microsoft WEB Server:
  - Internet Information Services (IIS) component (MS Windows Media Image)
    - IIS requires enabling Add Roles and Add WEB Server in Windows Server 2008
    - Verify that Static Content is enabled in the Common HTTP Features folder from the Turn On/Off Windows Features screen
  - .NET Framework 4.0 (Aurora Media Folder)
  - ASP.NET 4.0 or higher depending on OS (MS Windows Media Image or [www.microsoft.com](http://www.microsoft.com))
  - Ensure that firewalls are configured to allow remote Client connectivity
  - We recommend using IIS with SSL certification

See the following pages for a summary on how to configure these components/settings in the supported Windows operating systems.

## Windows Pre-Installation Configuration Guidelines

Outlined below is a summary of installing the following three required components in the supported Windows operating systems to configure the PC/server as a Windows WEB Server.

- Configure IIS to use ASP.NET
- Install ASP.NET

Refer to your respective Windows operating system on enabling or configuring the required components listed above. In some cases, you may require your Windows CD.

## Windows Server 2008 R2

### Install IIS Metabase

(Server 2008 is bundled with IIS 7)

1. Start > All Programs > Administration Tools > select Server Manager.
2. Select Roles > Add Roles.
3. Select Web Server (IIS) > Add Request Feature > Next > Select Role Services > expand Application Development.
4. Check ASP.NET and select Add Required Role Services (.NET Extensibility, ISAPI Extensions and ISAPI Filters are automatically selected. Leave selected).

5. Management Tools Section > IIS 6 Management Compatibility.
6. Select IIS Metabase Compatibility.
7. Click Install after verifying ASP.NET & IIS 6 Management Compatibility are selected.

### **Configure IIS to use ASP.NET**

1. Start > All Programs > Administration Tools > Server Manager.
2. Roles tree > Web Server (IIS) tree> select Internet Information Services (IIS) Manager.
3. Highlight tree with computer's name, double click ISAPI and CGI Restrictions. If ASP.NET v2.0.50727 is not allowed, double click on it and in the Edit ISPAI and CIG Restrictions window, select "Allow extension path to execute" and then click OK.
4. Click on tree with the computer name and click Restart to configure for ASP.NET v2.0.50727.

Open support browser and type <http://localhost>. If the default Welcome to IIS 7 page opens, you are ready to install the Aurora WEB Server application outlined on page 15. If page does not open, review the above and ensure settings are correct.

## **Windows 7**

### **Install IIS Metabase**

(7 bundled with IIS 7)

1. Control Panel > Programs > Turn Windows features on or off.
2. Internet Information Service > select IIS Management Console.
3. Web Management Tools > IIS 6 Management Compatibility > select IIS Metabase and IIS Configuration Compatibility.
4. World Wide Web Services > Application Development Features > select ASP.NET (.NET Extensibility, ISAPI Extensions and ISAPI Filters are automatically selected. Leave selected.).

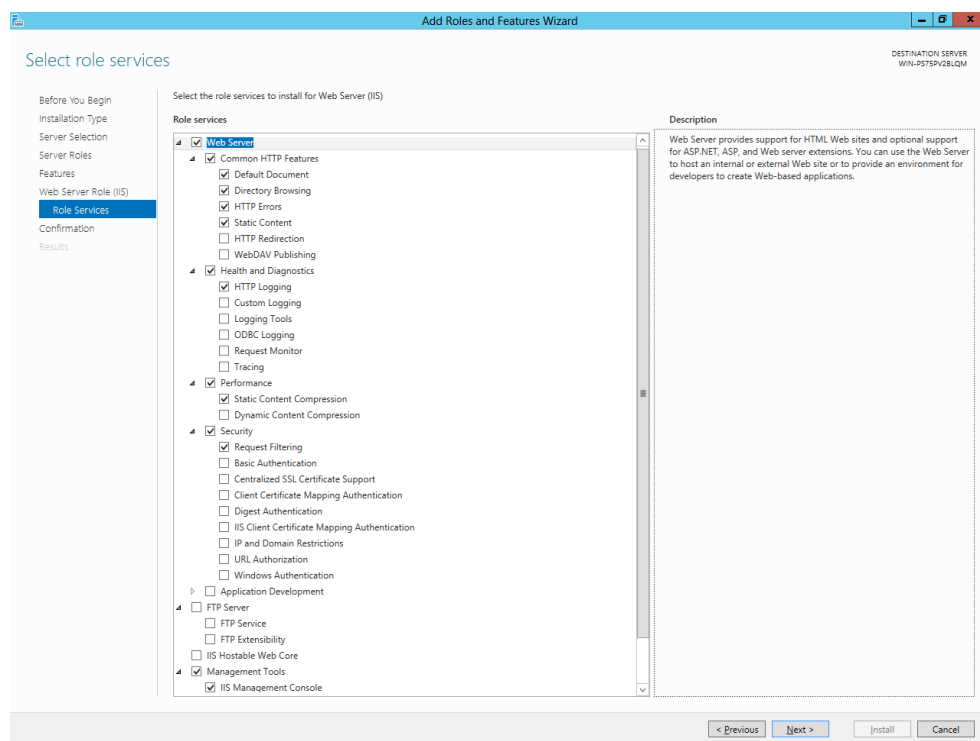
### **Configure IIS to Use ASP.NET**

1. Control Panel > System and Security > Administrative Tools > Internet Information Services Manager > select in IIS Manager Applications Pools.
2. Double click Classic.Net AppPool and select .NET Framework and verify v2.0.50727—if not listed, verify settings above.
3. In IIS Manager, click on the computer name in the Connections pane on the left hand side, Restart the Actions pane.

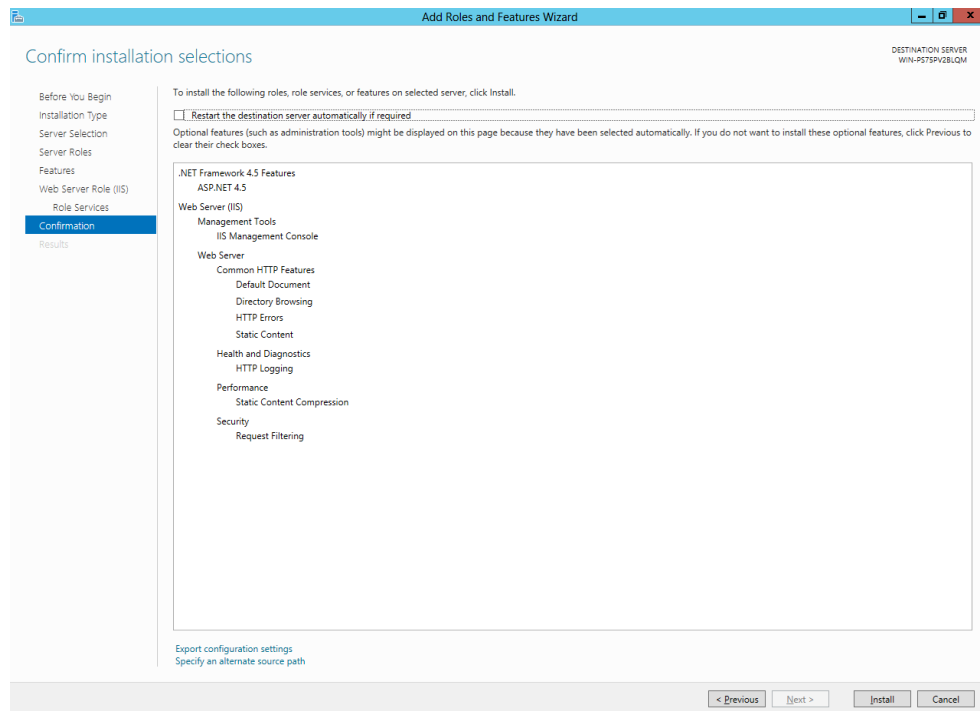
Open the browser and type <http://localhost>. If the default Welcome to IIS page opens, you are ready to install the Aurora WEB Server application outlined on page 15. If page does not open, review settings.

# Windows Server 2012

1. Open Server Manager.
2. Click "Add roles and features" and then click the "next" button in the "Add Roles and Features Wizard".
3. Select "Role-based or feature-based installation" and then click the "Next" button.
4. Select the server to install IIS on and click the "Next" button.
5. Check "Web Server (IIS)" and then click "Add Features" to include the IIS Management Console" component and then click the "Next" button.
6. Expand the ".NET Framework 4.5 Features" tree and ensure that the ".NET Framework 4.5", "ASP.NET 4.5" are selected and click the "Next" button.
7. Click the "Next" button on the screen that informs you about what a Web Server does.
8. Ensure the following checkboxes are selected (they are by default) and then click the "Next" button.



- Click the “Install” button on the review screen to install IIS and ASP.NET 4.5.



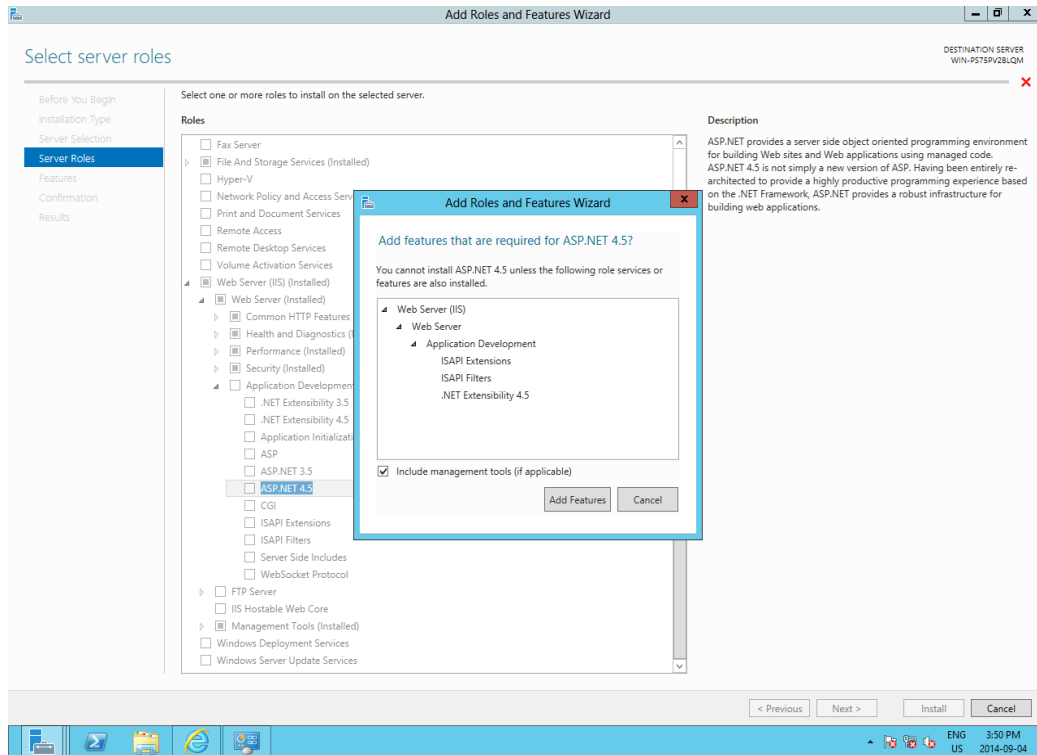
- Once the installation has finished, click the “Close” button.

## Configure IIS with ASP.NET on Server 2012

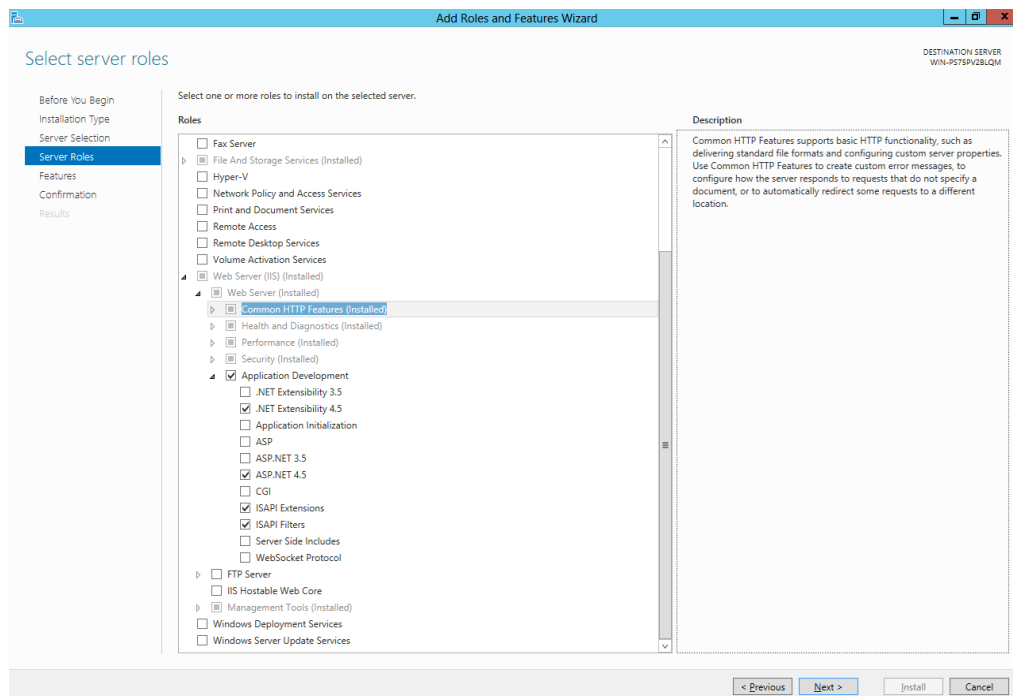
After you have installed IIS and ASP.NET 4.5, which is outlined in the above instructions, you will have to configure the Web Server use ASP.NET.

- Open Server Manager.
- Click “Add roles and features” and then click the “next” button in the “Add Roles and Features Wizard”.

- Click "Server Roles", expand the "Application Development" tree, select ASP.NET 4.5., then click "Add Features" to include the required "ISAPI Extensions", "ISAPI Filters" and ".NET Extensibility 4.5" components.



- Your screen should have the following items checked





5. Click "Confirmation" and then click the "Install" button to configure IIS with ASP.NET 4.5
6. Once the installation process has completed click the Close button
7. Open a web browser and navigate to <http://localhost/> to ensure that IIS is installed correctly



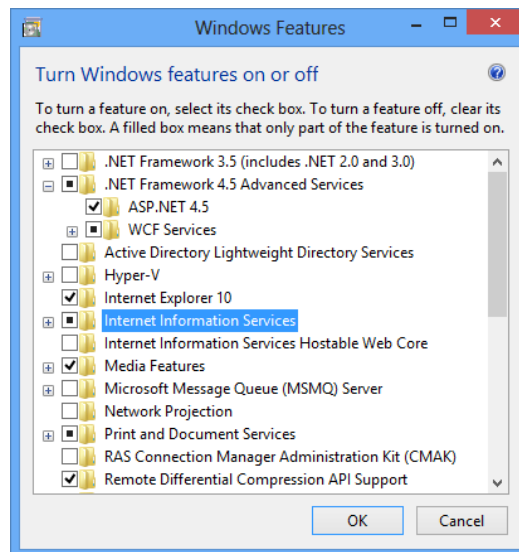
## Windows 8

### Installing the IIS, ASP.NET 4.5 and the .NET Framework 4.5

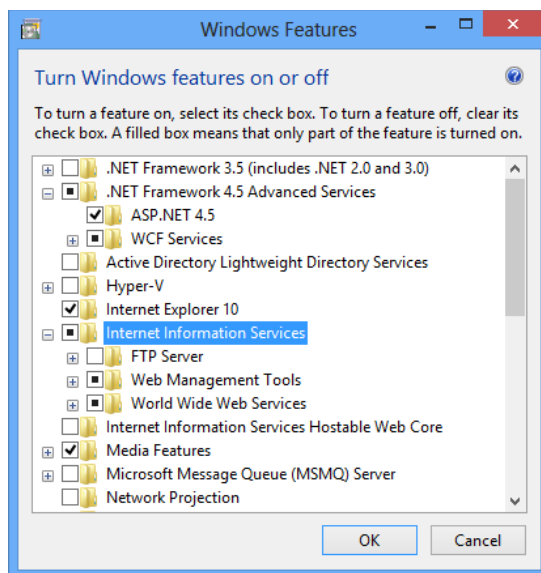
Windows 8 packaged with IIS 8. The following describes the steps you must take to install IIS 8 and configure it correctly on Windows 8 in order for the Aurora Web software to install and work correctly.

Installing the IIS, ASP.NET 4.5 and the .NET 4.5 Framework on Windows 8

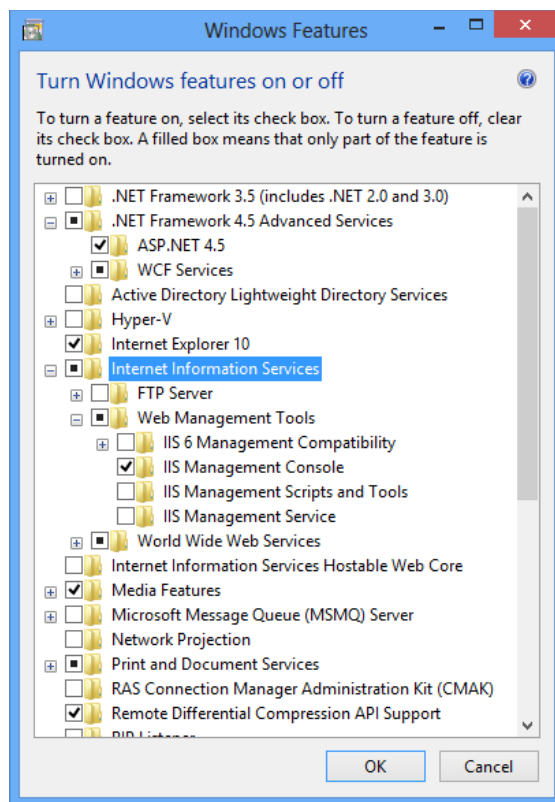
1. From the Start page, click the Desktop tile
2. Open Windows Explorer (by pressing the Windows Key + the "E" key), select Desktop in the left window pane and click Control Panel
3. In Control Panel click Programs and Features and then choose Turn Windows features on or off
4. Put a black box in the Internet Information Services checkbox and then Expand the Internet Information Services tree



- Put a black box in the Web Management Tools and the World Wide Web Services checkboxes.

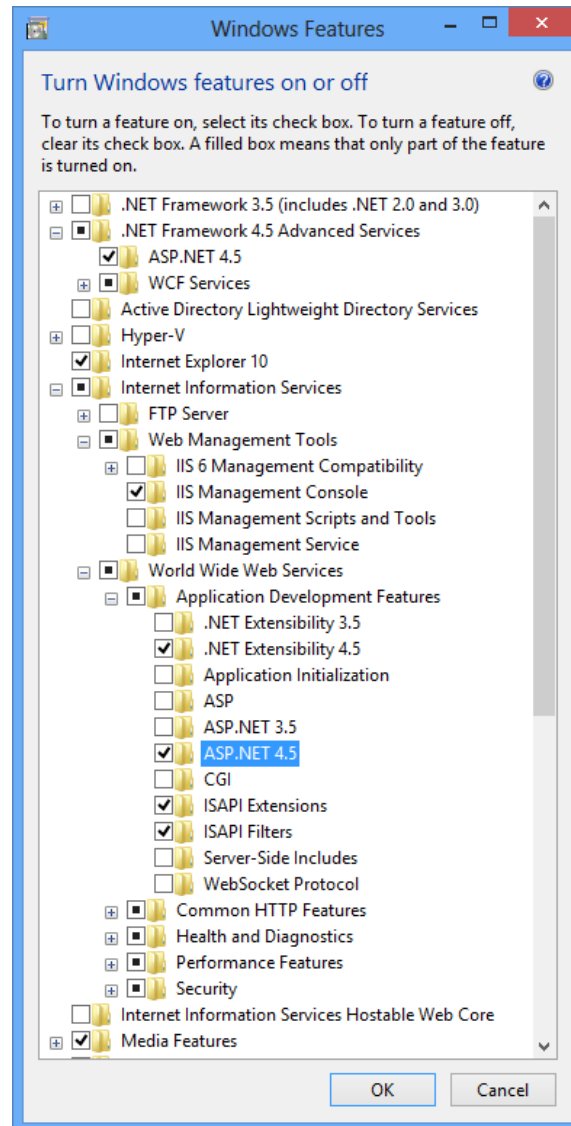


- Expand the Web Management Tools tree and place a checkmark in the IIS Management Console checkbox.



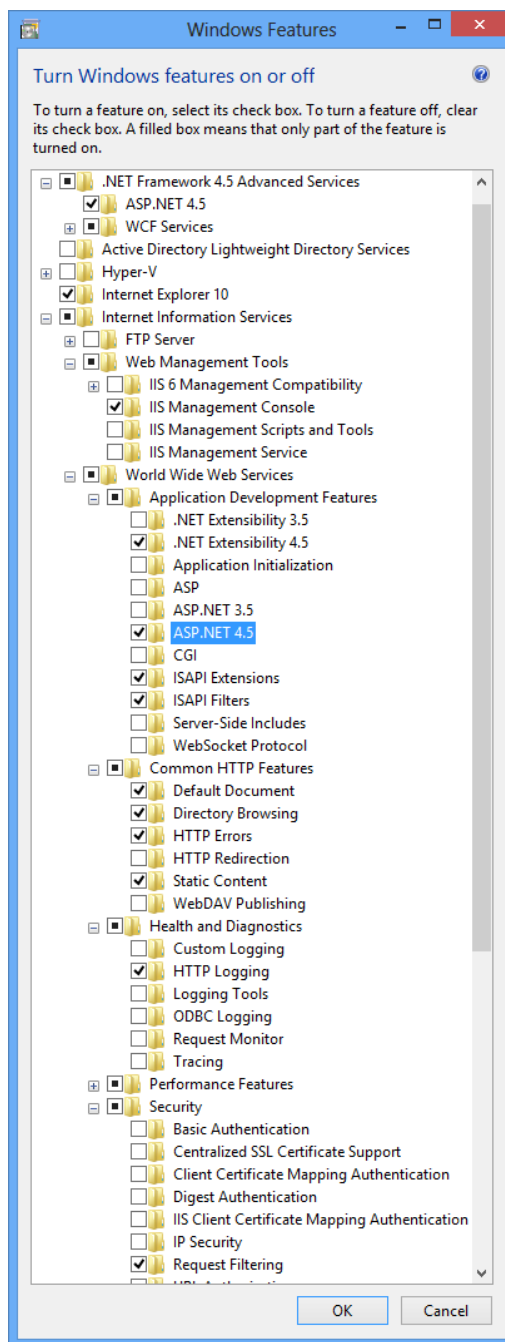
- Expand the World Wide Web Services tree and the Application Development Features tree.

8. Place a checkmark in the .NET Extensibility 4.5 checkbox. This will automatically put black squares in the .NET Framework 4.5 Advanced Services and the Security checkboxes. These are required: do not uncheck these checkboxes.
9. Place a checkmark in the ASP.NET 4.5 checkbox. This will automatically add checks to the ISAPI Extensions, the ISAPI Filters, the Request Filtering (located under the Security tree) and the Default Document (located under the Common HTTP Features tree) checkboxes. These are required: do not uncheck them.



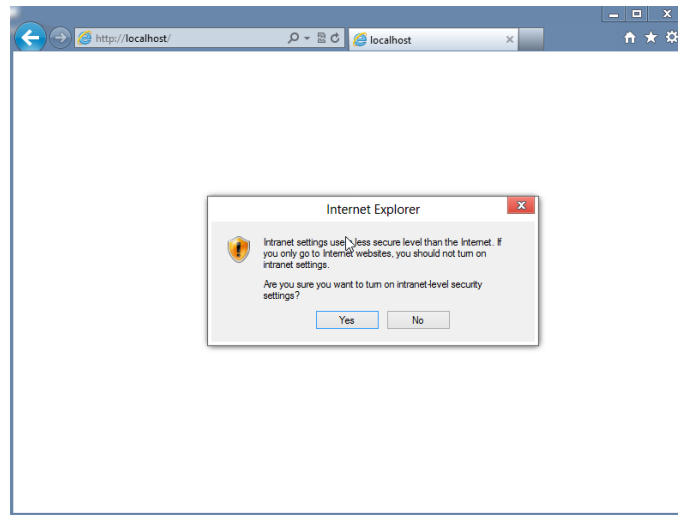
10. Expand the Common HTTP Features tree and ensure that the following are checked: a) Default Document b) Directory Browsing c) HTTP Errors d) Static Content.
11. Expand the Health and Diagnostics tree and ensure that HTTP Logging is checked.
12. Expand the Security tree and ensure that Request Filtering is checked.

13. The following screen shows all necessary settings that must be selected to install IIS, the .NET Framework 4.5 and ASP.NET 4.5.



14. Click the OK button to install the web server components required by Aurora Web.
15. If prompted by Windows that your PC needs to reboot to finish making the changes, click the Restart Now button
16. Once the computer is finished rebooting open a web browser and type <http://localhost/> into the address bar.

17. If you are using Internet Explorer, you may see a message asking you to turn on Intranet settings. If so, click "Turn on Intranet settings" to continue.
18. Click Yes if you see the following prompt.



19. You should now see the default IIS8 welcome page:



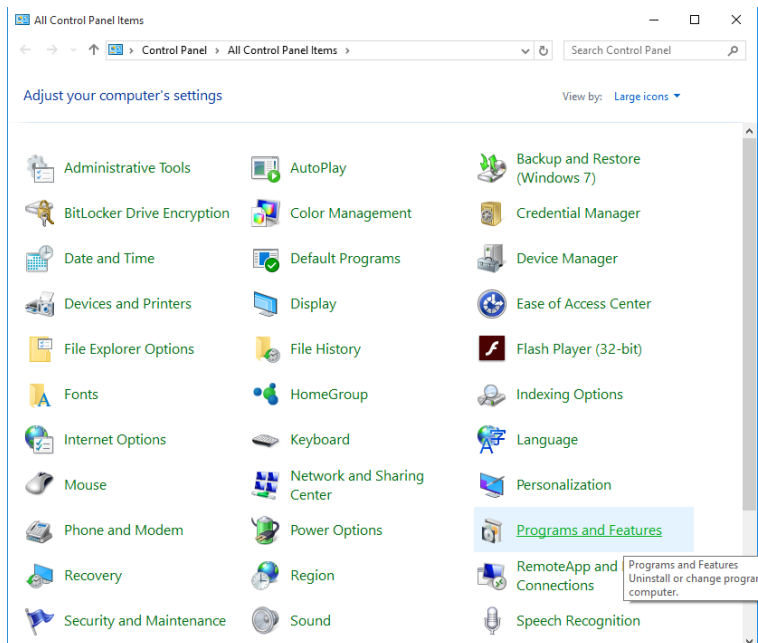
20. If you see the above screen, go to Install the Aurora WEB Server on a Microsoft WEB Server.

## Windows 10

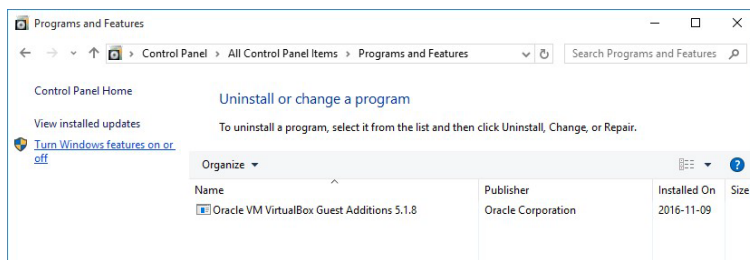
This section provides an overview of the pre-configuration requirements for the Aurora Web application to run on Windows 10. It covers how to install IIS8 and the required ASP.NET components that are needed for the Aurora Web application to function properly.

Installing the required IIS8 and ASP.NET components on Windows 10:

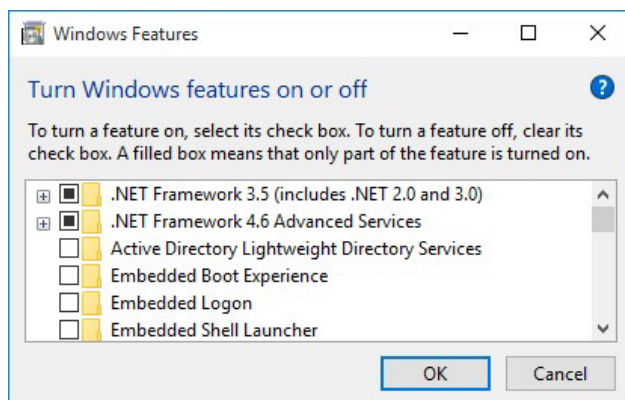
1. Open the Control Panel and select "Programs and Features."



2. Select "Turn Windows features on or off" on the left-hand side of the screen.

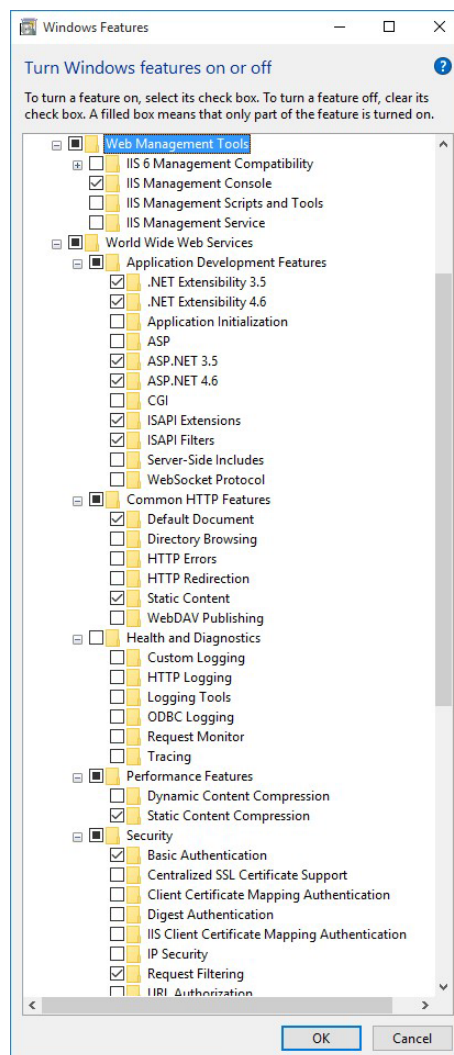


3. Select the .NET Framework 3.5 checkbox.



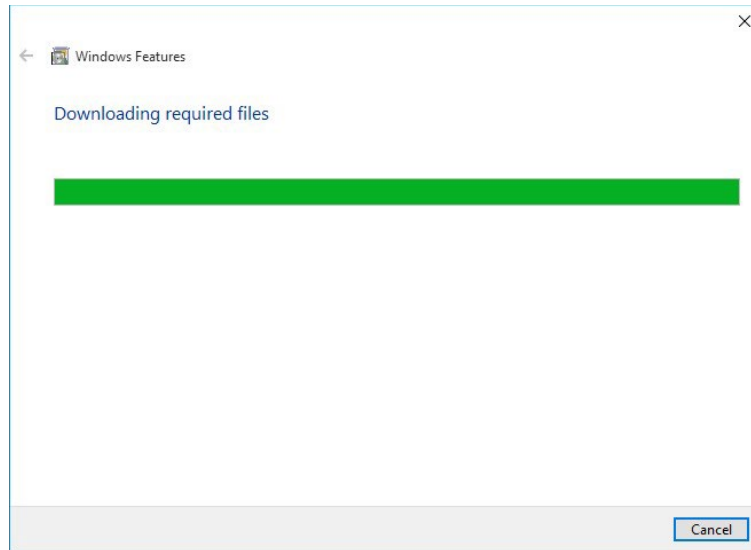
4. Expand and select the following Internet Information Services (IIS):
- Web Management Tools
    - IIS Management Console
  - World Wide Web Services
  - Application Development Features
    - ASP.NET 4.6 (and leave all other items automatically selected)
    - ASP.NET 3.5 (and leave all other items automatically selected)
  - Common HTTP Features
    - Static Content
  - Performance Features
    - Static Content Compression
  - Expand Security
    - Basic Authentication

When complete, check the picture below to ensure that your setup matches what is shown:





5. Select the OK button to install the selected items. At this point, you may see a message stating that you need to get the features from the web. Select Yes to complete the installation.



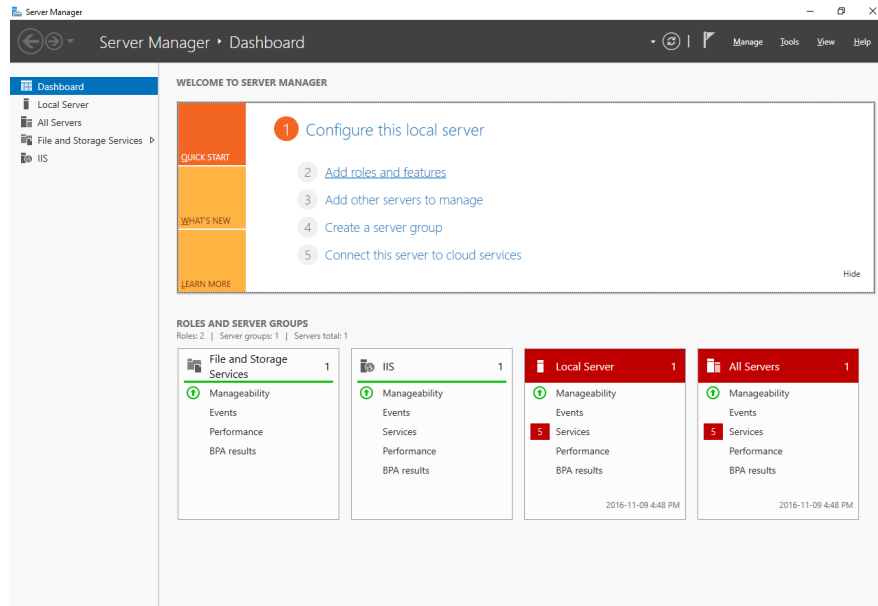
Once the installation is complete, you will have to reboot the computer to ensure the changes are properly applied. After rebooting, the computer is properly configured for the Aurora Web application to run.

# Windows Server 2016

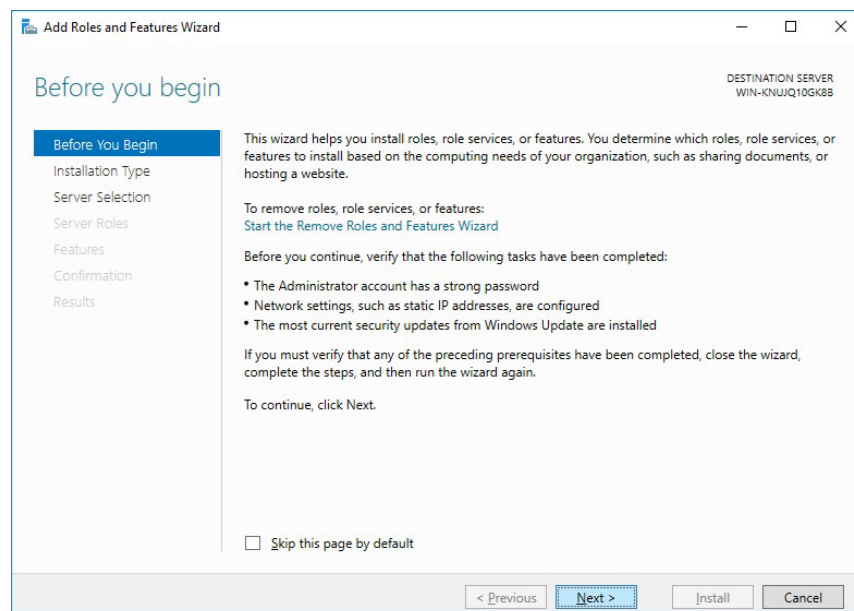
This section provides an overview of the pre-configuration requirements for the Aurora Web application to run on Windows Server 2016. It covers how to install IIS8 and the required ASP.NET components that are needed for the Aurora Web application to function properly.

Installing the required IIS8 and ASP.NET components on Windows Server 2016:

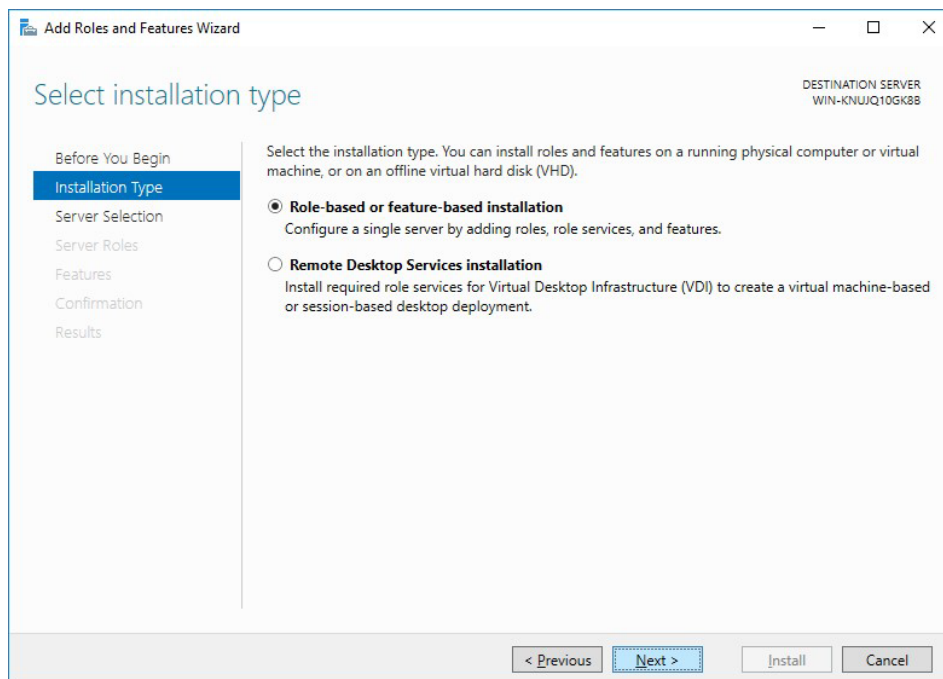
1. Open the Server Manager and select "Add roles and features."



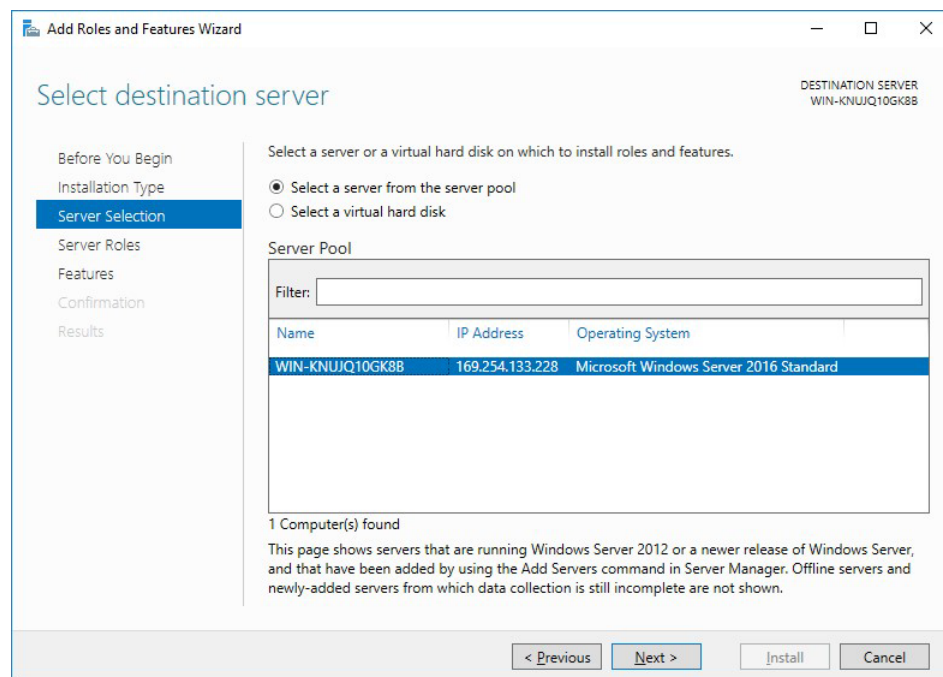
2. If you see the "Before you begin" page, select the Next button.



- On the “Select installation type” screen, select “Role-based or feature-based installation,” then select the Next button.



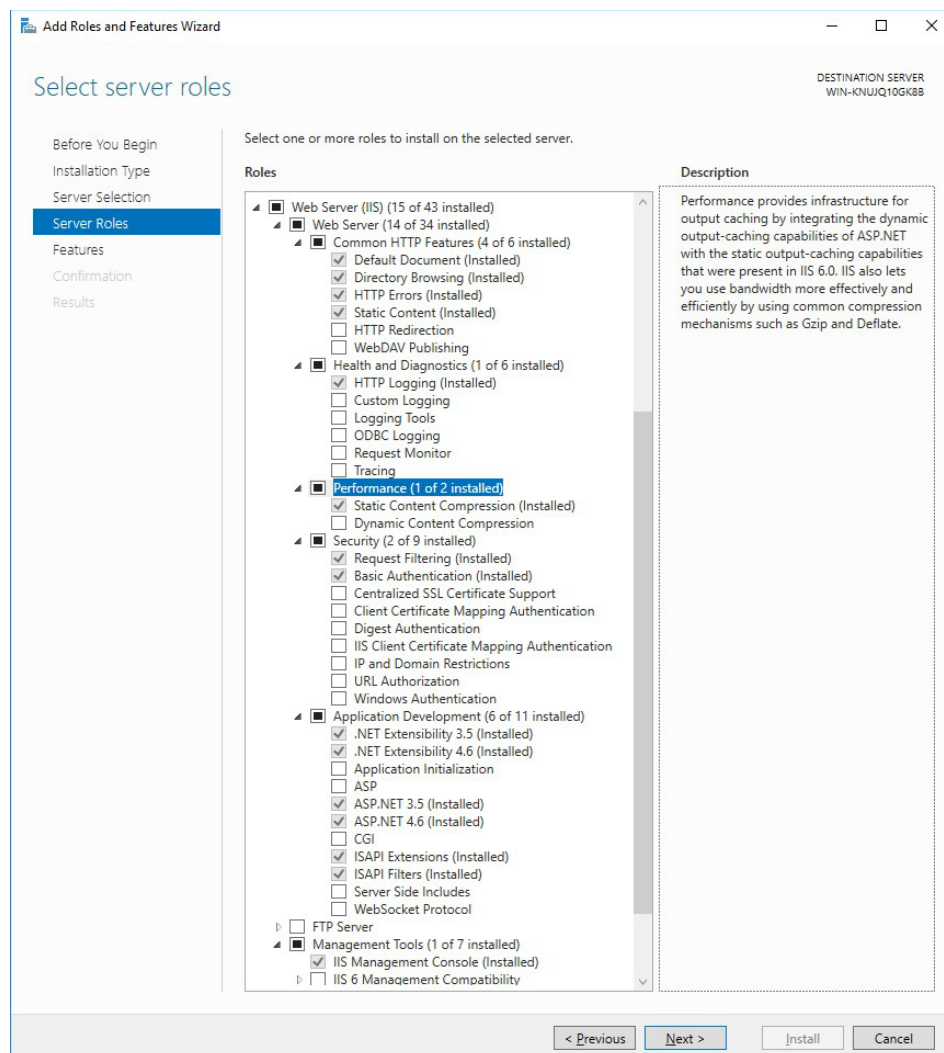
- In the “Select destination server” screen, select your current computer/server and select the Next button.



- Expand and select the following Web Server Internet Information Services (IIS):
  - Web Server
    - Common HTTP Features
      - Static Content

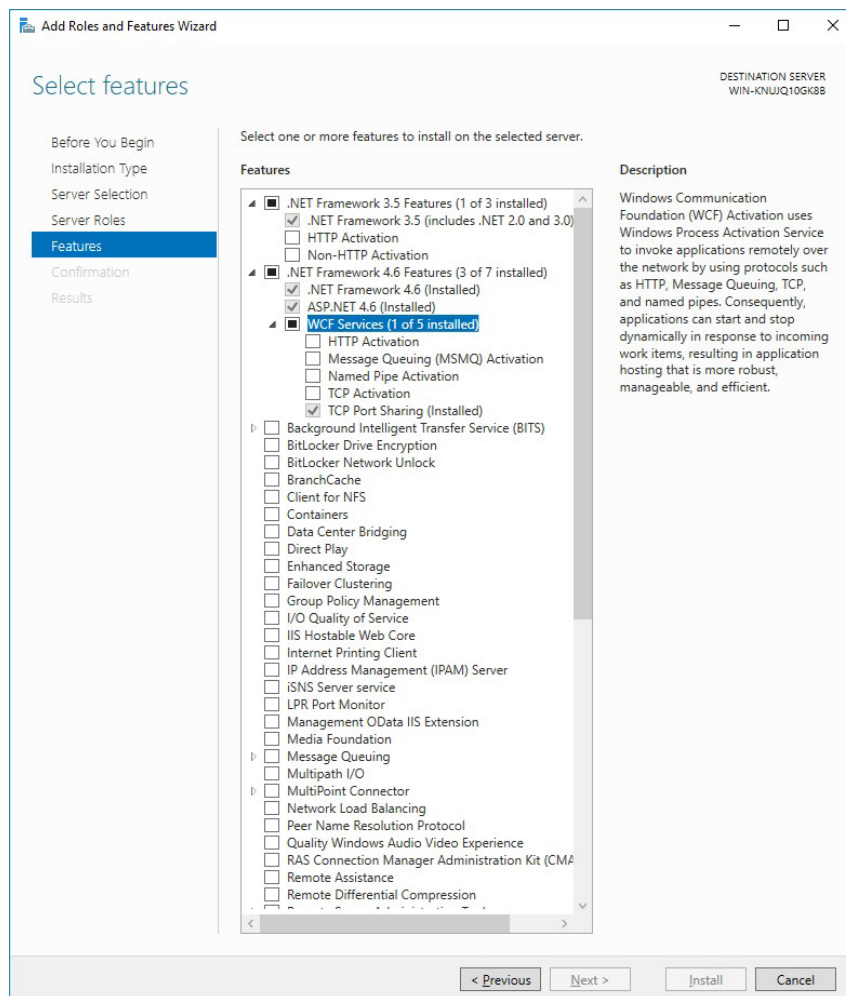
- Performance
  - Static Content Compression
- Security
  - Basic Authentication
- Application Development
  - ASP.NET 4.6 (and leave all other items automatically selected)
  - ASP.NET 3.5 (and leave all other items automatically selected)
- Management Tools
  - IIS Management Console

When complete, check the picture below to ensure that your setup matches what is shown:



Select the Next button to continue.

6. On the "Select features" screen, ensure the ".NET Framework 3.5 Features" are selected and the ".NET Framework 4.6 Features" are also checked. The items checked should be as follows:



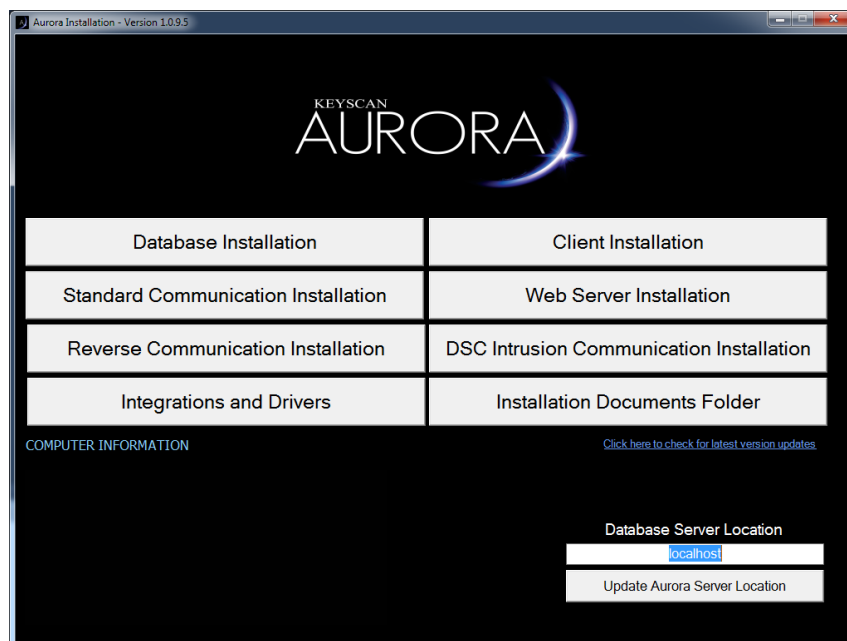
Select the Next button to continue.

7. On the Confirm Installation Selections screen, review the items you are about to install and then select the Install button.
8. Once the installation is complete, select the Close button and reboot the computer to ensure the changes are applied properly. After the reboot, the computer is configured properly for the Aurora Web application to run.

# Install the Aurora WEB Server on a Microsoft WEB Server

Ensure that you have followed the preceding procedures and have configured your respective Windows OS as a WEB server where you are installing the Aurora WEB Server application.

- Close any applications currently running on the desktop.
- Open the folder containing the Aurora Software Installation files and locate the AuroraInstallation.exe file – select and right click to Run as Administrator.
- If you are installing the WEB Server application on a different server from where the Aurora database is installed, specify the database server name in the Database Server Location text box and then click on the Update Aurora Server Location.
- From the Aurora Installation screen, select the Web Server Installation button and follow the on-screen prompts.



# Aurora WEB Server Application Registration

You may register your Aurora WEB Server Application with dormakaba Canada Inc. either by telephone or the Internet. The application's serial number is on the card enclosed with Additional Modules box. Follow either of the registration instructions as outlined.

## Telephone Registration Steps

You must have the Aurora basic software installed before you can register the Aurora WEB Server license.

1. From the Aurora Client main screen, select the Settings button > Software Registration.
2. Ensure that you have completed the customer and dealer fields on the Customer and Dealer Details screen.
3. Select the Licenses tab and enter the software serial number in the WEB License AUR100- box that is listed on the enclosed insert.
4. Write down the Machine Key Serial Number.
5. Have the following information on hand:
  - Dealer Information
  - End User Information
  - Serial Number
  - Machine Key Serial Number
6. While positioned at the computer with the Keyscan Registration screen open, call dormakaba Canada Inc. - Monday to Friday, 9:00 A.M.—5:00 P.M. (Eastern Time).
  - 1.888.539.7226 (toll free Canada/USA)
  - +1.905.430.7226 (elsewhere)
7. A dormakaba Canada Inc. representative will request the information specified above. You will be issued an Unlock Serial Number.
8. Enter the Unlock Serial Number in the WEB License Unlock box on the Keyscan Registration screen.
9. Select the Register button. Your software is now activated. Select the Back button for the main screen.

### Note

If you have to reinstall your software at a later date, you must call dormakaba Canada Inc. The original Unlock Serial Numbers cannot be used again.

## Internet Registration Steps

You may also register the AUR-WEB application on-line providing you have Internet access. You must have the Aurora basic software installed before you can register the Aurora WEB license.

1. From the Aurora Client main screen, select the Settings button > Software Registration.
2. Ensure that you have completed the customer and dealer fields on the Customer and Dealer Details screen.
3. With the Aurora Registration screen open, enter the software serial numbers (on the enclosed insert) in the WEB License AUR100- box.
4. Write down the Machine Key Serial Number.

5. Have the following information on hand:
  - Dealer Information
  - End User Information
  - Serial Number
  - Machine Key Serial Number
6. Open your Internet browser, and enter <https://www.dormakaba.com/us-en/knowledge-center/software-downloads-updates> in the address bar, and then press the Enter key.
7. From the web page, select Keyscan Aurora Software Registration from the right-most menu.
8. From the Keyscan Aurora Software Registration screen, complete the dealer and end-user information, select the Next button, and follow the on-screen prompts.
9. After you have been issued with the Unlock Serial Number return to the Aurora Licenses screen and enter the unlock number in the WEB License Unlock box on the Keyscan Registration screen.
10. Select the Register button. Your software is now activated. Select the Back button for the main screen.

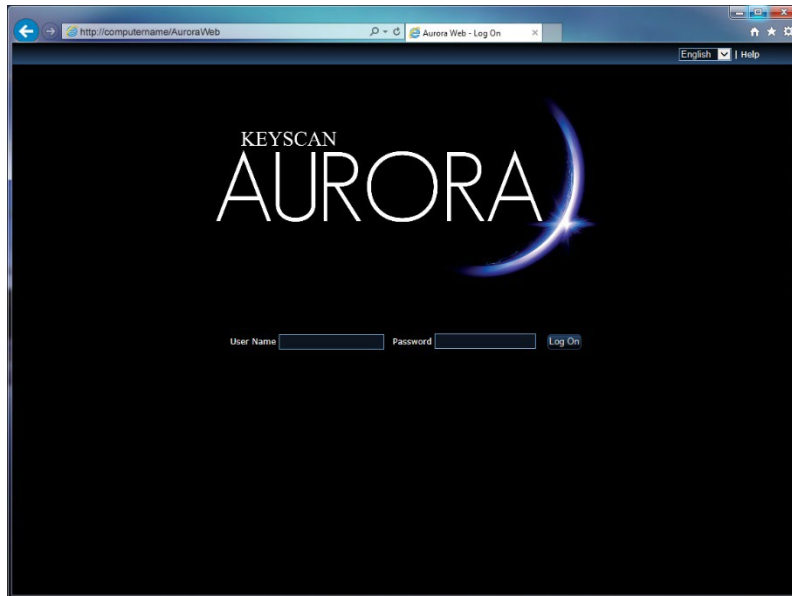
Note

If you have to reinstall your software at a later date, you must call dormakaba Canada Inc. The original Unlock Serial Numbers cannot be used again.



## Connect a Remote Device to the Aurora WEB Server

1. Ensure that the remote device has a valid connection to the server with the Aurora WEB Server application.
2. Open the browser on the remote device.
3. In the browser's address bar, enter the computer name of the server with the Aurora WEB Server application followed by a forward slash /AuroraWeb.
  - Example—`http://ServerName/AuroraWeb`
4. Press the Enter key on the keyboard.
5. Log On to the Aurora WEB Client.



# Specifications

## Computer/Server Requirements

Processor: Intel Xeon E5 – 2403, 1.80GHz, 10MB Cache with 4 cores

Memory: 16GB RAM 1333MHz

Hard Drive: 500GB 7.2K RPM SATA

Display: 1024 × 768 or higher resolution monitor

Ports: USB 2.0 Ports

Network Adaptor Card: Ethernet Port – Dual Port 1GB Network Card

Peripherals: Integrated HD Graphics Card, keyboard & mouse

Protective Device: UPS Backup (recommended)

Network Port 80

Internet Information Services (IIS) component

.NET Framework 4.0

ASP .NET 4.0 or higher depending on OS

We recommend using IIS with SSL certification

## Supported Operating Systems

Windows 7 SP1—Professional, Enterprise and Ultimate

Windows 8 Professional

Windows 10 Professional

Windows Server 2008 R2 64-bit

Windows Server 2012 64-bit

Windows Server 2016 Standard

## Supported Browsers

Microsoft Internet Explorer 11

Firefox 30

## Supplemental

Microsoft WEB Server should be local on the network.