

Setup:Installation Guide/System Preparation/Windows/IIS Web Server

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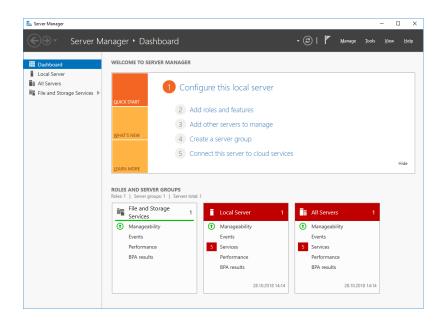


Preface

We recommend to use the most system-optimized software possible for a live operation of BlueSpice both under Linux and under Windows. For this reason, the documentation of an installation of Apache (XAMP) under Windows is omitted. This chapter lists the steps that are necessary to install the Microsoft IIS Web Server service on Windows Server >= 2012.

Open the Server Manager and manage roles

First, open the Server Manager. Unless otherwise configured, it starts automatically as soon as you log in to the server. Otherwise, you will find it in the start menu under the search term "Server Manager". You are now in the following view:



Click "Manage" (1) und then "Add Roles and Features" (2):



Server ivi	anager • Dasht			• 🕲 । 🏲	Manage ols View Add Roles and Features
ishboard cal Server	WELCOME TO SERVE	ER MANAGER			Remove Roles and Feature Add Servers
e and Storage Services		1 Confi	igure this local server		Create Server Group Server Manager Properties
e and storage services iP	QUICK START	2 Ad	d roles and features		
		3 Ad	d other servers to manage		
	WHAT'S NEW	4 Cre	eate a server group		
		5 Co	nnect this server to cloud serv	/ices	
	LEADEL MODE				Hi
Roles: 1 Server gr	LEARN MORE				
	ROLES AND SERVER Roles: 1 Server group:	s: 1 Servers total:		1 📕 All Server	s 1
	Roles AND SERVER Roles: 1 Server group: File and Stor Services () Manageability	s: 1 Servers total: rage 1	Local Server Manageability	 Manageab 	
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	Roles AND SERVER Roles 1 Server group: File and Stor Services Manageability Events Performance	s: 1 Servers total: rage 1	 Local Server Manageability Events Services 	Manageab Events Services	ce

Installing IIS in the Role Manager

You are now in the Role Manager.

Click "Next>" until you reach the "Server Roles" area (1). There, you activate the role "Web Server (IIS)" (2):

Select server rol	es	DESTINATION SERVER WIN-OJ8QSBRBS0L
Before You Begin Installation Type Server Roles Features Confirmation Results	Select one or more roles to install on the selected server. Roles Active Directory Certificate Services Active Directory Foderation Services Active Directory Ederation Services Active Directory Rights Management Services Cover Health Attestation DHCP Server NS Server NS Server Notardian Services Network Policy and Access Services Remote Desktop Services Remote Desktop Services Notare Cases Network Policy and Access Remote Desktop Services Network Policy and Services Remote Desktop Services Network Policy and Services Remote Desktop Services Network Policy and Services Remote Desktop Services Remot	Description Active Directory Certificate Services (AD CS) is used to create certification authorities and related role services that allow you to issue and manage certificates used in a variety of applications.

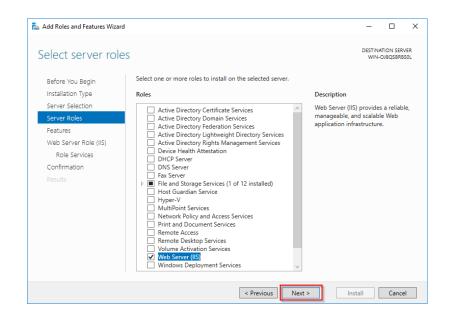
Confirm the pop-up that shows the selection of the role with "Add Features":

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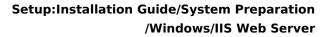


🚵 Add Roles and Features Wizard	×
Add features that are required for Web Server (IIS)?	
The following tools are required to manage this feature, but do not have to be installed on the same server.	t
 Web Server (IIS) Management Tools [Tools] IIS Management Console 	
✓ Include management tools (if applicable) Add Features Cancel	

Click "Next>":



You are now in the "Features" area(1). Activate ".NET Framework 3.5 Features" (2) und click "Next >" (3):



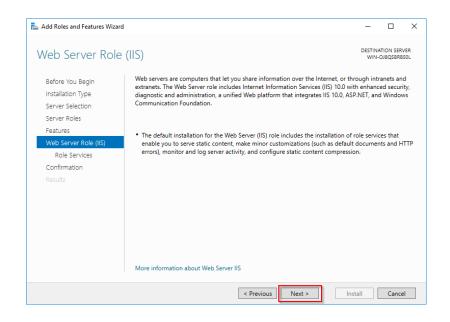


Select features		DESTINATION SERVER WIN-OJ8QSBRBSOL
Before You Begin	Select one or more features to install on the selected server.	
Installation Type	Features	Description
Installation Type Server Selection Server Roles Web Server Role (IIS) Role Services Confirmation Results	Image: NET Framework 3.5 Features 2 Image: Image: Network 4.6 Features 2 0 1 installed) Image: Image: Image: Image: Network 4.6 Features 2 0 1 installed) Image: Image	.NET Framework 3.5 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.

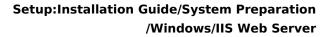


The .NET Framework 3.5 is not directly required for running IIS. However, tools that will be installed later, which are also partially connected with IIS, definitely require it. For this reason, we install it now.

Confirm the following dialog with "Next >":



Under "Role Services" (1) select "Application Development" (2) with the option "CGI" (3) and confirm with "Next >" (4):





📥 Add Roles and Features Wizard		- 🗆 X
Select role service	S	DESTINATION SERVER WIN-OJ8QSBRBSOL
Before You Begin	Select the role services to install for Web Server (IIS)	
Installation Type	Role services	Description
Server Selection	Centralized SSL Certificate Support	CGI defines how a Web server
Server Roles	Client Certificate Mapping Authentication	passes information to an external program. Typical uses might include
Features	 Digest Authentication IIS Client Certificate Mapping Authenticatic 	using a Web form to collect
Web Server Role (IIS)	IP and Domain Restrictions	information and then passing that information to a CGI script to be
Role Services	URL Authorization	emailed somewhere else. Because
Confirmation	Application Development 2	CGI is a standard, CGI scripts can be written using a variety of
Results	.NET Extensibility 3.5 .NET Extensibility 4.6	programming languages. The
	Application Initialization	downside to using CGI is the performance overhead.
	ASP ASP.NET 3.5	performance orenicadi
	ASP.NET 4.6	
	CG 3	
	ISAPI Filters	
	Server Side Includes	
	< >	
	< Previous Next >	> 4 Install Cancel

Click "Install" to start the installation:

onfirm installat	tion 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	To install the following roles, role services, or features on selected server, click Install.	
Installation Type	Restart the destination server automatically if required	
Server Selection Server Roles Features	Optional features (such as administration tools) might be displayed on this page because they har been selected automatically. If you do not want to install these optional features, click Previous to their check boxes.	
Web Server Role (IIS)	.NET Framework 3.5 Features	
Role Services	.NET Framework 3.5 (includes .NET 2.0 and 3.0)	
Confirmation	Web Server (IIS)	
	Management Tools	
	IIS Management Console	
	Web Server	
	Application Development	
	CGI	
	Common HTTP Features	
	Export configuration settings	
	Specify an alternate source path	

As soon as the installation has finished, click "Close" to exit the dialog box.



Installation progress		DESTINATION SERV WIN-OJ8QSBRBS		
	View installation progress			
	Feature installation			
	Installation succeeded on WIN-OJ8QSBRBSOL.			
	.NET Framework 3.5 Features			1
	.NET Framework 3.5 (includes .NET 2.0 and 3.0)			1
	Web Server (IIS)			
	Management Tools IIS Management Console			
Results	Web Server			
	Application Development			
	CGI			
	Common HTTP Features Default Document			
	Directory Browsing			`
	You can close this wizard without interrupting running tasks. View task prog page again by clicking Notifications in the command bar, and then Task Der Export configuration settings		open this	5



If the installation terminates with a problem, this is usually caused by the .NET Framework 3.5 in combination with a WSUS server in your domain. The easiest solution for this is to remove the server from the domain, repeat all of the above steps, and then re-adding the server to the domain.

With the successful completion of all these steps, the IIS web server is now installed. Check the functionality by starting Internet Explorer on the server and calling the URL http://localhost/. If installed correctly, you will see the welcome page of the IIS Web server:



Next step

When you have successfully completed all the above steps, go to the next step "Visual C++ Redistributable for Visual Studio 2015".