

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

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MediaWiki

BlueSpíce

The web server delivers your BlueSpice installation to the users' browsers. Without a web server, BlueSpice cannot be used. The steps listed here are required.

Introduction

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.

The Server Manager and managing 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):



					Add Notes and Feature	1165
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ocal Server					Create Server Group	
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le and Storage Services D	OLUCK START		5			
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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 Cative Directory Certificate Services Cative Directory Federation Services Cative Directory Lightweight Directory Services Cative Directory Rights Management Services Device Health Attestation DHCP Server Fax Server Cast Garage Services (1 of 12 installed) Hyper-V Hyper-V Hyter-V Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-Hyter-H	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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Click "Next >":

Select server rol	es	DESTINATION SERVER WIN-OJ8QSBRBSOL
Before You Begin Installation Type Server Selection Server Roles	Select one or more roles to install on the selected server. Roles Active Directory Certificate Services	Description Web Server (IIS) provides a reliable, manageable, and scalable Web
Features Web Server Role (IIS) Role Services	Active Directory Federation Services Active Directory Lightweight Directory Services Active Directory Rights Management Services Device Health Attestation DHCP Server	application infrastructure.
Confirmation Results	DNS Server File and Storage Services (1 of 12 installed) Host Guardian Service Hyper-V MultiPoint Services	
	Network Policy and Access Services Print and Document Services Remote Access Remote Desktop Services Volume Activation Services Web Server (US) Web Server (US)	

You are now in the "Features" area(1). Activate ".NET Framework 3.5 Features" (2) and 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
Server Selection Server Roles Web Server Role (IIS) Role Services Confirmation Results	Image: Second	.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			-		\times
Select role service	25		DESTINA WIN-(TION SERV	'ER IOL
Before You Begin	Select the role services to install for Web Server (IIS)				
Installation Type	Role services	Description			
Server Selection	t role services e You Begin ation Type r Selection r Roles res Server Role (IIS) Ne Services Net Server Role (IIS) Ne Services Net Server Role (IIS) Net Services Net Server Role (IIS) Server Role (IIS) Net Services Net Server Role (IIS) Net Server Role (IIS) Net Services Net Server Role (IIS) Net Services Net Server Role (IIS) Net Serv	CGI defines how	a Web s	erver	
Server Roles	Client Certificate Mapping Authentication	passes informati program, Typical	on to an uses mi	external oht inclu	de
Features	IIS Client Certificate Mapping Authenticatic	using a Web form	n to coll	ect	
Web Server Role (IIS)	IP and Domain Restrictions	information and information to a	then pa CGI scri	ssing tha ot to be	:
Role Services	Windows Authentication	emailed somewh	ere else	Because	
Confirmation	Application Development 2	CGI is a standard written using a v	l, CGI scr ariety of	ipts can l	Je
	.NET Extensibility 4.6	programming la	nguages	. The	
	Application Initialization	performance ove	ig coris erhead.	the	
	ASP.NET 3.5				
	ASP.NET 4.6				
	ISAPI Extensions				
	Server Side Includes				
	WebSocket Protocol v				
	< >>				
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	< Previous Next >	4 Insta		Cance	

Click "Install" to start the installation:

Constant Street House	de la colorada da	DESTINA	TION SER	R١
onfirm installa	tion selections	WIN-C	DJ8QSBR	B
🛕 Do you need to specify	an alternate source path? One or more installation selections are missing source files on th	e destir	nati	
Before You Begin	To install the following roles, role services, or features on selected server, click Install	ι.		
Installation Type	Restart the destination server automatically if required			
Server Selection	Optional features (such as administration tools) might be displayed on this page bee	cause th	ney have	e
Server Roles	been selected automatically. If you do not want to install these optional features, clip	ck Previ	ous to o	c
Features	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)			
Continuation	Management Tools			
	IIS Management Console			
	Web Server			
	Application Development			
	CGI			
	Common HTTP Features			
	Export configuration settings			

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



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	View installation progress			
	Feature installation			
	Installation succeeded on WIN-OJ8QSBRBS0L			
	.NET Framework 3.5 Features			
	.NET Framework 3.5 (includes .NET 2.0 and 3.0)			
	Web Server (IIS)			
Confirmation	Management Tools			
Results	Web Server			
	Application Development			
	CGI			
	Common HTTP Features			
	Directory Browsing			,
	You can close this wizard without interrupting running tasks. View task pro page again by clicking Notifications in the command bar, and then Task D Export configuration settings	ogress or letails.	open thi	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 steps above, go to the next step "Visual C++ Redistributable for Visual Studio 2015".

