

# Knowledge Base Article: Article 241 How to parameterize IIS 8 on Windows 2012 Server for Click&DECiDE?

Date: March 21th, 2013

## **Problem:**

It is necessary to configure IIS 8 in Windows 2012 Server for Click&DECiDE before installing Click&DECiDE..

### Solution:

Before installing Click&DECiDE software, please check the IIS 8 configuration, to do so please follow the steps below:

#### Steps

- 1. Open Server Manager.
- 2. Under Manage menu, select Add Roles and Features



3. Click Next:



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#### 4. Click Next:

2	Add Roles and Features Wizard			
Select installation	type destination server vpu-w2012-64			
Before You Begin Select the installation type. You can install roles and features on a running physical computer or v				
Installation Type				
Server Selection	Role-based or feature-based installation			
Server Roles	Configure a single server by adding roles, role services, and features.			
Features	Remote Desktop Services installation			
Confirmation	Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment			
Results				
	< <u>P</u> revious <u>Next</u> > <u>I</u> nstall Cancel			

#### 5. Click Next:

P	Add R	oles and Features	Wizard	_ 🗆 X
Select destination	server			DESTINATION SERVER VPU-W2012-64
Before You Begin Select a server or a virtual hard disk on which to install roles and features.				
Installation Type	Select a server from	n the server pool		
Server Selection	O Select a virtual hard	d disk		
Server Roles	Server Pool			
Features	Filter:			
Results	Name	IP Address	Operating System	
	VPU-W2012-64 1 Computer(s) found This page shows serve Add Servers command collection is still incom	192.168.0.95 rs that are running Wir d in Server Manager, Of uplete are not shown.	Microsoft Windows Server 20 ndows Server 2012, and that have ifline servers and newly-added se	912 Standard e been added by using the ervers from which data
		< <u>P</u> re	evious <u>N</u> ext >	Install Cancel

Contact us: E-mail: support@clickndecide.com Tel: +33 (0)4 67 84 48 00 Headquarters: Click&DECiDE 130, rue du Baptistou - 34980 St Gély du Fesc, France. To contact your nearest Click&DECiDE partner, click here.





- 6. The default following role services are proposed by default when installing IIS:
  - Common HTTP Features
    - Static Content
    - o Default Document
    - Directory Browsing
    - HTTP Errors
  - Health and Diagnostics
    - HTTP Loging
    - Performance
      - Static Content Compression
  - Security

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- o Request Filtering
- Application Development
  - Nothing by default
- Management Tools
  - o IIS Management Console

B	Add Roles and Features Wizard	_ <b>D</b> X
Select server role	5	DESTINATION SERVER VPU-W2012-64
Before You Begin	Select one or more roles to install on the selected server.	
Installation Type	Roles	Description
Server Selection Server Roles Features Confirmation Results	<ul> <li>Remote Access</li> <li>Remote Desktop Services</li> <li>Volume Activation Services</li> <li>Web Server (IIS) (Installed)</li> <li>Web Server (Installed)</li> <li>Common HTTP Features (Installed)</li> <li>E Health and Diagnostics (Installed)</li> <li>Performance (Installed)</li> <li>Security (Installed)</li> <li>Security (Installed)</li> <li>FTP Server</li> <li>IIS Hostable Web Core</li> <li>Management Tools (Installed)</li> <li>Windows Deployment Services</li> <li>Windows Server Update Services</li> </ul>	Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
	< <u>P</u> revious <u>N</u> ext >	Cancel





#### 7. Enable the following options in Security:

- **Basic Authentication**
- Windows Authentication



Click Next





- 8. Enable the following options in Application Development:
  - ASP.NET 3.5 this will automatically select:
    - o .NET extensibility 3.5
    - ISAPI extensions
    - o ISAPI filter
  - ASP needed only with Click&DECiDE NSI for the Flat File Agent Status.

2	Add Roles and Features Wizard	
Select server roles		DESTINATION SERVER VPU-W2012-64
Before You Begin	Select one or more roles to install on the selected server.	
Installation Type	Roles	Description
Server Selection Server Roles Features Confirmation Results	<ul> <li>Security (Installed)</li> <li>Application Development         <ul> <li>NET Extensibility 3.5</li> <li>.NET Extensibility 4.5</li> <li>Application Initialization</li> <li>ASP</li> </ul> </li> <li>ASP.NET 3.5</li> <li>ASP.NET 4.5</li> <li>CGI</li> <li>ISAPI Extensions</li> <li>ISAPI Filters</li> <li>Server Side Includes</li> <li>WebSocket Protocol</li> <li>FTP Server</li> <li>IIS Hostable Web Core</li> </ul>	ASP.NET provides a server side object oriented programming environment for building Web sites and Web applications using managed code. ASP.NET is not simply a new version of ASP. Having been entirely re-architected to provide a highly productive programming experience based on the .NET Framework, ASP.NET provides a robust infrastructure for building web applications.
	< <u>P</u> revious <u>N</u> e	ext >Install Cancel

Click Next





#### Enable the following options in Management Tools: 9.

- **IIS Management Scripts & Tools**
- **Management Service**



Click Next





#### 10. Click Next:

<b>b</b>	Add Roles and Features Wizard	_ <b>□</b> X		
Select features		DESTINATION SERVER VPU-W2012-64		
Before You Begin	Select one or more features to install on the selected server.			
Installation Type	Features	Description		
Server Selection Server Roles	Image: NET Framework 3.5 Features       Image: NET Framework 4.5 Features (Installed)	.NET Framework 3.5 combines the power of the .NET Framework 2.0 APIs with new technologies for		
Confirmation	Background Intelligent Transfer Service (BITS)     BitLocker Drive Encryption     Bitl ocker Network Unlock	building applications that offer appealing user interfaces, protect your customers' personal identity		
	BitLocker Network Unlock         BranchCache         Client for NFS         Data Center Bridging         Enhanced Storage         Failover Clustering         Group Policy Management         Ink and Handwriting Services         Internet Printing Client         IP Address Management (IPAM) Server         V	information, enable seamless and secure communication, and provide the ability to model a range of business processes.		
< <u>P</u> revious <u>Next</u> <u>Install</u> Cancel				





#### 11. Click Install:

h		Add Roles and Features Wizard	-		x	
	Confirm installat	ION Selections	NATION VPU-V	V SERV V2012-	′ER •64	
	Before You Begin	To install the following roles, role services, or features on selected server, click Install.	cirrio cir			
	Installation Type	on Type Restart the destination server automatically if required				
	Server Selection	Optional features (such as administration tools) might be displayed on this page because	they	have		
	Server Roles	been selected automatically. If you do not want to install these optional features, click Pre their check boxes.	vious	to cle	ear	
	Features					
	<b>Confirmation</b> Results	.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         Web Server (IIS)         Management Tools         Management Service         IIS Management Scripts and Tools         Web Server         Export configuration settings         Specify an alternate source path			< 111 >	
		< <u>P</u> revious <u>N</u> ext > <u>I</u> nstall	(	ance	I	





#### 12. Click Close once installation is done.

<b>b</b>	Add Roles and Features Wizard	_ <b>□</b> X
Installation progre	SS	DESTINATION SERVER VPU-W2012-64
Before You Begin	View installation progress	
Installation Type	i Feature installation	
Server Selection		
Server Roles	Installation succeeded on VPU-W2012-64.	
Features	.NET Framework 3.5 Features	^
Confirmation	.NET Framework 3.5 (includes .NET 2.0 and 3.0)	
Results	.NET Framework 4.5 Features ASP.NET 4.5	=
	Web Server (IIS)	
	Management Tools	
	Management Service	
	Web Server	
	Application Development	
	ASP	<u> </u>
	You can close this wizard without interrupting running tasks. View task pr page again by clicking Notifications in the command bar, and then Task [	rogress or open this Details.
	Export configuration settings	
	< <u>P</u> revious <u>N</u> ext > Cl	lose Cancel

- 13. Install now Click&DECiDE. The Click and DECiDE setup will check if the Microsoft .NET Framework 3.5 and SQL Server are installed.
- 14. Click Install to install the Microsoft .NET Framework 3.5 and SQL Server 2005, if they have not been previously installed. Warning: the Microsoft .NET Framework 3.5 must be installed after IIS.
- 15. If the Microsoft .NET Framework was installed before IIS you can follow the steps below to enable the Microsoft .NET Framework in IIS:

#### i. Start Windows PowerShell

ii. Go to the following directory where the Microsoft framework was installed:

C:\Windows\Microsoft.NET\Framework\v2.0.50727 (by default).

- iii. Run the following command: aspnet\_regiis -i
- 16. Continue with the installation of Click&DECiDE.





17. Checking the list of the IIS 8 Installed Features:

open Server Manager, then select IIS in the left list and go down to the Roles and Features block:

<b>a</b>	Server Manager	_ 0	x
Server M	1anager • IIS - ⓒ I 🍢 №	lanage <u>T</u> ools <u>V</u> iew <u>H</u> e	lp
Dashboard     Local Server     All Servers     Eile and Storage Services	ROLES AND FEATURES All roles and features   25 total           Filter         P         Image: Constraint of the second secon		~
■ File and Storage Services ▷ IS Default Role Services installed when installing IIS	Server Name         Name         Type         Path           VPU-W2012-64         Web Server (IIS)         Role         Web Server (IIS)           VPU-W2012-64         Basic Authentication         Role Service         Web Server (IIS)           VPU-W2012-64         Security         Role Service         Web Server (IIS)           VPU-W2012-64         HTTP Logging         Role Service         Web Server (IIS)           VPU-W2012-64         Health and Diagnostics         Role Service         Web Server (IIS)           VPU-W2012-64         ISAPI Filters         Role Service         Web Server (IIS)	Web Server\Security\Basic A	
	VPU-W2012-64     ISAPI Extensions     Role Service     Web Server (IIS)       VPU-W2012-64     ASP     Role Service     Web Server (IIS)       VPU-W2012-64     .NET Extensibility 3.5     Role Service     Web Server (IIS)       VPU-W2012-64     ASP.NET 3.5     Role Service     Web Server (IIS)       VPU-W2012-64     ASP.NET 3.5     Role Service     Web Server (IIS)       VPU-W2012-64     ASP.NET 3.5     Role Service     Web Server (IIS)	Web Server\Application Dev Web Server\Application Dev Web Server\Application Dev Web Server\Application Dev	
added before installing Click&DECiDE BAI or NSI	VPU-W2012-64     Windows Authentication     Role Service     Web Server (IIS)       VPU-W2012-64     HTTP Errors     Role Service     Web Server (IIS)       VPU-W2012-64     Default Document     Role Service     Web Server (IIS)       VPU-W2012-64     Static Content     Role Service     Web Server (IIS)	Web Server\Security\Windov Web Server\Common HTTP Web Server\Common HTTP Web Server\Common HTTP	Ξ
Role Service to be added only if installing Click&DECiDE NSI	VPU-W2012-64     Common HTTP Features     Role Service     Web Server (IIS)\       VPU-W2012-64     Static Content Compression     Role Service     Web Server (IIS)\       VPU-W2012-64     Performance     Role Service     Web Server (IIS)\       VPU-W2012-64     Web Server     Role Service     Web Server (IIS)\       VPU-W2012-64     Menagement Service     Role Service     Web Server (IIS)\	Web Server\Common HTTP \Web Server\Performance\Sta \Web Server\Performance \Web Server	
	VPU-W2012-64         IIS Management Scripts and Tools         Role Service         Web Server (IIS)           VPU-W2012-64         IIS Management Console         Role Service         Web Server (IIS)           VPU-W2012-64         IIS Management Console         Role Service         Web Server (IIS)           VPU-W2012-64         Management Tools         Role Service         Web Server (IIS)           VPU-W2012-64         Directory Browsing         Role Service         Web Server (IIS)           VPU-W2012-64         Request Filtering         Role Service         Web Server (IIS)	Wanagement Tools Wanage (Management Tools\IIS Mana (Management Tools) (Management Tools (Web Server\Common HTTP (Web Server\Security\Reques v	~

