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Cloud On-Premise: How to change port number for the web page (MVC or STS or API services)

Jason Whitmer - 2023-05-26 - in Cloud

After successful installation of AssetCloud On-Premise or InventoryCloud On-Premise, if you need to change the port number(s) of AssetCloud On-Premise, InventoryCloud On-Premise, Secure Token Service (STS), and/or Business Logic Service (API), here is the procedure.

If you want to change to https (secure web browsing), install your certificate into IIS before continuing.

1. In Internet Information Services (IIS) Manager



to change, and select Edit Bindings. It will display 1 row with the default port.

💐 Internet Information S	Services (IIS)	Manager	
	10V1903X64	•	
File View Help			
Connections			
2			WINTUV
VIN10V1903X64 (V	VIN10V1903	Filter:	
V i Sites	UIS	ASP.NE	т
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WaspSTS = Secure Token Service (STS, default port 8080)

te Bindir	ngs				?		×
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WaspAPI = Business Logic Service (API, default port 8081)

Edit Site Binding	? ×
Ippe:IP address:Port:httpAll Unassigned8081	
Host name: WIN10V1903X64	
Example: www.contoso.com or marketing.contoso.com	
OK	Cancel

WaspMVC is one or the other of:

Asset Cloud Service (MVC, default port 8082) Inventory Cloud Service (ICMVC, default port 8083)

Click to select that line, then click Edit. Change the port number to the new value and click OK, then Close. Note that if you want to use port 80, you will need to right-click on Default Web Site and select Stop to prevent it from conflicting.

If you have added a certificate for secure browsing, you will need to add a new binding of type https. The port number automatically sets to the default of 443. Set the SSL certificate from the dropdown list. (See note in Step 2.)

If you are changing the port for more than one service, change them all in IIS Manager before proceeding. Do not close out of IIS Manager at this time.

 After the port numbers have been changed, they need to be validated. Run the Wasp Configuration Tool as Administrator and log in with Windows Authentication. Path to WCT: C:\Program Files\Wasp Barcode Technologies\Wasp On-Premises
 Software\License\configure\Wasp.Installer.Configure.exe

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- « P	rogram Files > Wasp Barcode Techno	ologies → W	/asp On-Premises Software	> License	> configure	• >
	Name		Date modified	Туре		Size
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ds 🖈	Wasp.Common.Class.Queueir	ng.pdb	8/12/2020 10:55 AM	PDB File	2	
nts 🖈	🚳 Wasp.Common.Email.dll		8/12/2020 10:55 AM	Applicat	tion exten	
*	😽 Wasp.Common.Email.dll.conf	ïg	8/12/2020 10:55 AM	CONFIG	File	
	🚳 Wasp.Common.Help.dll		8/12/2020 10:55 AM	Applicat	tion exten	
	🚜 Wasp.Common.Help.dll.confi	g	8/12/2020 10:55 AM	CONFIG	File	
	🚳 Wasp.Common.Interface.dll		8/12/2020 10:55 AM	Applicat	tion exten	
	🚜 Wasp.Common.Interface.dll.c	onfig	8/12/2020 10:55 AM	CONFIG	File	
	🚳 Wasp.Common.License.Deco	de64.dll	8/12/2020 10:55 AM	Applicat	tion exten	
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	Wasp.Common.Reports.DTO.c	111	8/12/2020 10:55 AM	Applica	tion exten	
	📑 Wasp.Installer.Configure.exe	Open			ion	
	Wasp.Installer.Configure.exe.	🎈 Run aş	administrator		File	
c(C:)	Wasp.Installer.Verify.dll	Share v	with Skype		ion exten	
	Wasp.Installer.Verify.dll.config	Trouble	eshoot compatibility		File	
	Wasp.MobileAsset.Common.	Pin to	Start		ion exten	
	Wasp.MobileAsset.Common.	🕀 Scan w	vith Windows Defender		File	
	Wasp.MobileAsset.DTO.dll	A Share			ion exten	
	Wasp.MobileAsset.DTO.dll.co	Pin to	taskbar		File	
	Wasp.MobileAsset.Model.dll	Restor			ion exten	2,
	Wasp.MobileAsset.Model.dll.				File	-
	Wasp.MobileAsset.Web.Proxy	Send to	0	>	ion exten	3,
	Wasp.MobileAsset.Web.Proxy	Cut			File	
	Wasp. Irace.exe	Сору			ion	
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Each service has a tab that needs to be clicked into (refer to the list above). Change to the

new port number in each service's URL field. Note: Do not change anything else; leave the colon : and slash / characters intact. After each change, click the Validate button. The expected success dialog contains "The following values were successfully tested". If you receive an error message, the problem must be corrected before proceeding. For instance, if you try to change the port number in WCT before changing it in IIS Manager, you would receive "An error occurred while sending the request."

🦉 Wasp Configuratior	n Tool - 1	.04.05 @ 07/14/2020						-		×
SQL Server Rabbit MG	Queue	Queueing Service (Later)	Redis	Secure	Token Service (STS)	Business Logic Servic	e (API)	Asset Clo	ud Servic	• •
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torage Base URI	C:\Program	Data\Wasp Barcode	Technologies	MobileAssetWeb\Storage]
					s	ave	Exit	

Note for https: When specifying the MVC Server Url or ICMVC Server Url, use https and don't put the :443 at the end. Specify the exact server name as listed in the certificate (which is usually more than just the PC name). Example:

https://assetserver.example.com

The Cloud On-Premise system will only respond to the Server Url that has been validated on the MVC or ICMVC tab. So if you have opened an internet path to your URL and validated that, the internal URL will no longer work (even though the internal name is valid).

When all the desired ports on their tabs have been changed and validated successfully, click the Save button at the bottom to write the changes to the system.

3. Switch back to IIS Manager. For all 3 sites (WaspAPI, WaspSTS, and WaspMVC), rightclick, Manage Website, Stop. Then start them (right-click, Manage Website, Start) in this order: WaspSTS, WaspAPI, then WaspMVC. (Do this for all 3 sites even if you didn't change all 3 ports.)

4. Confirm the system is operational: Reopen the site (using the new port number if you changed WaspMVC) in the web browser. You should be able to log into the site and access your data.

5. This procedure does not update the shortcut placed on the original installer user's desktop. If that shortcut is used regularly, you can update that manually in the shortcut's properties.

• <u>Cloud On-Premise: how to change port to use https</u>