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# Application Note: Interceptor Remote Upgrade Using Microsoft IIS

The Interceptor requires a web or ftp server to support remote upgrade. This application note shows how to use Microsoft IIS (Internet Information Server) to upgrade an Interceptor.

This application note was written for Windows 7. Other versions of Windows may show slight differences.

### 1 Installing IIS

Click "Start" and then click "Control Panel". Click "Programs" and then "Turn windows Features on or off".

Click "Internet Information Services" to install IIS. The default selection of sub-components is adequate, so you don't need to drill down and change selections...





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### 2 Configuring IIS and Upgrading the Interceptor

Open the IIS Manager under Administrative Tools

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Control F	Panel   System and Security   Administrative Tools	•	Search Admin	istrative Tools	L. L.	ρ
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☆ Favorites	Name	Date modified	Туре	Size		
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🗼 Downloads	🛃 Computer Management	7/13/2009 11:54 PM	Shortcut	2 KB		
📃 Recent Places	🋐 Data Sources (ODBC)	7/13/2009 11:53 PM	Shortcut	2 KB		
🔰 Dropbox	🗿 desktop.ini	2/17/2010 10:00 AM	Configuration sett	3 KB		
	🛃 Event Viewer	7/13/2009 11:54 PM	Shortcut	2 KB		
🥽 Libraries	🔽 矝 Internet Information Services (IIS) Manager	2/17/2010 10:00 AM	Shortcut	2 KB		
Documents	🔝 iSCSI Initiator	7/13/2009 11:54 PM	Shortcut	2 KB		
J Music	🔁 Local Security Policy	11/24/2009 8:18 PM	Shortcut	2 KB		
Pictures	Performance Monitor	7/13/2009 11:53 PM	Shortcut	2 KB		
😸 Videos	🕞 Print Management	11/24/2009 8:18 PM	Shortcut	2 KB		
	😹 Services	7/13/2009 11:54 PM	Shortcut	2 KB		
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	🔝 Task Scheduler	7/13/2009 11:54 PM	Shortcut	2 KB		
🖳 Computer	🔝 Windows Firewall with Advanced Security	7/13/2009 11:54 PM	Shortcut	2 KB		
🏭 Local Disk (C:)	🔊 Windows Memory Diagnostic	7/13/2009 11:53 PM	Shortcut	2 KB		
	📷 Windows PowerShell Modules	7/14/2009 12:32 AM	Shortcut	3 KB		
• Network						
Internet Information Services (IIS) Manager Date modified: 2/17/2010 10:00 AM Date created: 2/17/2010 10:00 AM Shortcut Size: 1.24 KB						



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There is a "Default Web Site" under "Sites" that we will tweak for our uses.



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The site will want to operate on port 80 which may conflict with other services running on the computer. Change port by clicking on "Bindings..." in the Actions box on the right hand side and change the port to 8888.

Edit Site Binding		? ×
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Example: www.contos	o.com or marketing.contoso.com	
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ite Binding	gs	12	-	T	? ×
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Click the "Explore" link under actions to see the directory for the website. Add the Interceptor Upgrade Image to this folder.

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🔰 Dropbox 🔺	Name	Date modified	Туре	Size			
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🔞 Homegroup							
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🚢 Local Disk (C:)							
2.5.4009.upgra	ade.bin Date modified: 2/11/2010 10:04 AM	Date created: 2/17/2010	10:31 AM				
VLC media file (	(.bin) Size: 16.0 MB						

Click the "Start" link to run the webserver. Click "Browse" to launch a browser pointing to your new website:



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IIS7 - Windows Internet Explorer			
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Change "localhost" to your IP address to verify that the site is available on your physical ethernet interface:



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#### 🥖 IIS7 - Windows Internet Explorer х ♥ ℓ http://192.168.1.101:8888/ 🝷 🖄 🍫 🗙 🗔 Bing <del>ب</del> م $(\bigcirc)$ 🖕 Favorites 🛛 👍 🏉 Suggested Sites 🔻 🖉 Web Slice Gallery 🔻 🟉 IIS7 🟠 🔻 🛐 👻 🖃 🖶 👻 Page 👻 Safety 👻 Tools 👻 🔞 💌 Welcome Bienvenido ようこそ Bem-vindo Willkommen Vítejte Bienvenue Tervetuloa 歡迎 ברוכים הבאים Velkommen Velkomen Benvenuto 欢迎 Welkom Witamy internet information services Välkommen مرحياً Hoş Geldiniz 환영합니다 Üdvözöljük Καλώς ορίσατε Добро пожаловать Done Internet | Protected Mode: Off 🖓 🔻 🔍 100% 🔻

Test the URL for the upgrade binary to ensure it is available:



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The file is indeed available. Press cancel to abort download. The URL in the browser is the URL to use in the Interceptor upgrade command. Use copy-paste from the web browser to the Interceptor console to avoid typos...



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	a	J
	Interceptor	ן
	Enter Upgrade URL	
	192.168.1.101:8888/2.5.4009.upgrade.bin	
	<ok> <cancel></cancel></ok>	
	Version: 2.5.4009 User: root	
l	version. 2.3.4009 0ser. Tool	L)

**NOTE**: The URL in the above screen shot is truncated due to the limited size of the text entry box. The full URL is:

#### http://192.168.1.101:8888/2.5.4009.upgrade.bin

Press OK to start the upgrade. The Interceptor will download the upgrade image, upgrade itself, and then reboot.

IIS may now be stopped and optionally uninstalled.