How to publish Small Business Server 2008 using a Windows Server 2003 computer with ISA 2006 Standard

<u>TERMS</u>

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For this article I will assume you have followed the steps in "<u>How to publish Small Business Server 2008 using a</u> <u>Windows Server 2003 computer with ISA 2006 Standard Edition - part 1</u>".

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Your ISA Server will have two NIC's

- Internal 192.168.80.10 / 255.255.255.0
- External 192.168.178.10 / 255.255.255.0

Your SBS Server will have the IP address 192.168.80.5 / 255.255.255.0. Your internet Router will have the internal IP address 192.168.178.1 / 255.255.255.0. You will have run the 'Setup your Internet Address' wizard using the default 'remote.domain.com' (where domain.com is your public domain name). You will have a public DNS record



setup for 'remote.domain.com' pointing to the external IP (WAN IP address) of your Internet Router. This article has the following chapters:

- Enabling Change Tracking for ISA Server
- Creating a Backup of the ISA Server Configuration
- Allowing HTTP/HTTPS Access to your internal clients.
- Allowing FTP Access to your Internal Clients
- Allowing Sending SMTP Email & Publishing SMTP Server
- <u>Creating a Web Listener for Web Publishing</u>
- <u>Creating a Web Listener for CompanyWeb Publishing</u>
- Creating a Web Publishing Rule For Microsoft Exchange Server 2007 Outlook Web Access
- Creating a Web Publishing Rule For Microsoft Exchange Server 2007 Outlook Anywhere (Outlook RPC / HTTPS)
- <u>Creating a Web Publishing Rule For Microsoft Exchange Server 2007 Active sync</u>
- Creating a Web Publishing Rule For Remote Web Workplace
- Creating a Web Publishing Rule For Remote Web Workplace RPC Traffic
- Creating a Web Publishing Rule For CompanyWeb
- Configuring URL Redirection for Remote Web Workplace and CompanyWeb



Enabling Change Tracking for ISA Server

Change tracking is a great new feature for ISA 2006, it allows you to enter a comment every time you apply new changes to the ISA Server Firewall policy. If used correctly this can be a great help when troubleshooting, or simply to provide a log of the changes you have made along the way.

My Computer		My Documents
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Manage Your Server	My Computer Control Panel Administrative Tools Printers and Faxes	
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Access A	ries rative Tools t ISA Server Management S Small Business Server 2008 Explorer Explorer Forcess	
All Programs	Assistance	Recycle Bin

1. To enable change tracking, open ISA Server Management.



2. Go to the Monitoring component. This should open the Dashboard tab. Click on the tab named Change Tracking. Click Configure Change Tracking



3. Tick the Box to enable change tracking, and set a value for the number of entries you want to see, the default is 1000. Leave the box to prompt for a change description checked. Click Ok. Click Apply to save your changes.





4. Click Apply.



5. You will be prompted to enter a description about your changes – Enter ' Enabled Change Tracking'. You may notice the 'Export' button. Clicking this will allow you to export your Firewall Configuration before the change is applied, this is great for rolling back a change which had adverse effects to your system. We will go through ISA Server backup in the next section.





6. Click OK





Creating a Backup of the ISA Server Configuration

Backing up your ISA Server configuration periodically is a very good idea, backing it up before you make any changes is, I think, a best practice. How many times have you made a change to something, only to realize the situation is now worse? It always seems to happen at the most inconvenient times and you can bet your life you can never find your notes (you have notes right?) on how to set things correctly. Fortunately we can backup and restore the ISA Server config in a matter of seconds hopefully to avoid any situations like this.

1. From ISA Server Management, Right click your server name and click Export (Backup)





2. This will start the Export Wizard, Click Next.



3. Check the boxes to Export Confidential Information and enter a password to encrypt the backup file. Also check the box to export user permission settings. Then click next.





4. The next page asks you for a path to export your backup to. You can click browse to find the folder you wish to place your backups in. On some occasions you might want to use removable media in case of hardware failure.

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Configur	Save the data to this file (enter the full path):	the computers in these
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		work layout and apply onships between your ISA
	< Back Next > Cancel	et sites, corporate e-mail, orate network. Use the ture necessary to manage
-	Define How ISA Server Caches Web Content Define a cache drive and then accelerate Web performance by downloaded to the cache and how often objects in the cache a	specifying how Web content is re updated.
4	Δ Confinure VDN Acress	
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5. Find your location and enter a descriptive name for the backup file. I am calling my file 'First Backup 190209-1153am' as it is the first backup I have done, it is the 19th of February 2009 at 11:53 am. Click Open when you have entered your file name. You are taken back to the Export file location page, and the path information is now filled in. Click next.





. You can review your export settings and click Finish to export your configuration. Click OK when the export finished to be returned to ISA Management.



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The restore procedure has two options. Import or Overwrite. You will need to decide for yourself at the time, whether the situation requires an import or overwrite. The import function can also be used to import specific objects that you may have exported from ISA server, Such as rules, web listeners or address ranges. That is beyond the scope of this article more information can be found on technet.

1. To restore your ISA Config:Right click your server name and click 'Import (Restore)'. This starts the Import Wizard. Click Next.





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Microsoft Internet Security & Acceleration Server 2006	Welcome to the Import Wizard		isaserver2006
	This wizard helps you import data from an exported	XML	
	To continue, click Next.	ver 2006 pvorks and protect the comp hem. Server computer. guration your ISA Server network lay NAT or route relationships	outers in these rout and apply betvieen your ISA
	<back next=""></back>	Cancel	forma este service
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	Define How ISA Server Ca Define a cache drive and then a downloaded to the cache and ho	aches Web Content celerate Web performance by specifying he w often objects in the cache are updated.	ow Web content is
•	Configure VPN Access		-
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2. Click Browse to find your backup file. (usually it will default to the location of your last backup)





3. Select your file and click Open.

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			Define a cache drive and then accele downloaded to the cache and how of	rate Web perform ten objects in the	ance by specify cache are upda	ng how Web content is ted.	

4. You are then returned to the Select import file page and the path information is filled in. Click Next.

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Elle Action	n yjew Help mport Wizard				x	1	
Micros	Select the Imp Specify the >	ort File ml file from which y	ou are retrieving the expo	rted configuratio	n.		isaserver2006
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		3	Define How ISA Define a cache drive downloaded to the ca	Server Cache and then acceler ache and how off	s Web Content ate Web performa ten objects in the c	t nce by specifying how 1 ache are updated.	Web content is
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5. You are then asked to choose, Import or Overwrite (restore) Choose Overwrite. Click Next.

isaserver200	Import Wizard
	Select if the file will be imported or used to restore the configuration.
006 d protect the computers in these	C Import With the action calented, information in the file will be added to the existing
mputer.	configuration.
n Server network layout and apply oute relationships between your ISA	Overwrite (restore) This option overwrites all information in the existing configuration.
s to Internet sites, corporate e-mail, your corporate network. Use the infrastructure necessary to manage	Help about import actions
ce by specifying how Web content is che are updated.	Define How ISA Server Caches Web Content Define a cache drive and then accelerate Web performanc downloaded to the cache and how often objects in the cac

6. Check both boxes to import Server specific information and user permissions. Click Next.



7. Enter your password and click Next

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	nport Wizard				×	0		
Micros	Enter Password The file include	is encrypted confide	ntial information.				isaser	ver2006
e R R R	Enter the pass	word required for op	ening and importing th	ie file:		006		-
	Password:	re is confidential info	ormation in the file, an	active server in th	e array is	d protect the com	puters in these	
	To restore the again.	ed to store this info ed, but the confider confidential informat	mation. If an active s itial information will no tion, add a server to th	erver does not exit t be saved. he array and impo	st, import will t the file	n Server network la oute relationships	yout and apply between your ISA	
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4		<u>)</u>	Configure VPN	Arress				•
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8. Review your import settings and click Finish to import your configuration. You will see a warning, explaining you are about to overwrite your firewall policy, click OK.

Import Wizard		×
Microsoft Internet Security & Acceleration Server 2006	Completing the Import Wizard You have successfully completed the Import Wizard. You specified the following settings: Import from file: C:\Documents and Settings\Mariette\Desktop\First E	isaserveri 006
	Rewrite existing configuration Options: User Permissions, Cache drives and SSL certificates	mputer. O Server network layout and apply oute relationships between your ISA
	< Back Finish Cancel	s to Internet sites, corporate e-mail, your corporate network. Use the infrastructure necessary to manage
	Define How ISA Server Caches Web Conte Define a cache drive and then accelerate Web perfor downloaded to the cache and how often objects in the	nt nance by specifying how Web content is e cache are updated.



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9. When the import is finished click OK to be returned to ISA Management, You will then need to click Apply to save your newly restored firewall policy. Enter a Change Description and click Apply. Click Ok when the changes have been saved.

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Microsoft Internet Security & Acceleration Server 2006	Completing the Import Wizard You have successfully completed the Import Wizard. You specified the following settings:	isasen
mporting isaserver2006 from Successfully imported the confi	E\Documents and Settings\Mariette\Desktop\First Back	D6 protect the computers in these puter.
	To close the minard click Einich	
	Cancel	s to Internet sites, corporate e-mail, your corporate network. Use the infrastructure necessary to manage torcy













Allowing HTTP/HTTPS Access to your internal clients.

So we have configured ISA Server to allow our SBS Server to query external DNS Servers, and access the websites configured in the' system policy allowed sites' domain name set (part 1 of this guide). No one else can access the internet so lets setup a rule to allow HTTP and HTTP access.

1. From ISA Management, Right click the Firewall Policy and click New > Access Rule.





2. In the New Access Rule Wizard, Enter a Name for your Rule. I will call my rule 'SBS Internet Access Rule'.

Microsoft Interr	ew Access Rule Wizard	2	<u>s</u>	
Monitor Monitor Virtual F Configu A Net Cac Ger Ger Trouble	Acceleration Server 2006	Welcome to the New Access Rule Wizard This wizard helps you create a new access rule. Access rules define the action that is taken, and the protocols that may be used, when specified clients from one network attempt to access specific destinations or content on another network. Access rule name: SBS Internet Access Rule To continue, click Nest.	From / Listener	Firewall Policy
•1				

3. In SBS 2003, this rule allowed outbound access to any defined protocol (all outbound protocols) but with this rule we will just allow HTTP and HTTPS. Set the Rule to Allow and click Next.





4. On the Protocols page, click Add.



5. Expand Web, and select HTTP. Click Add.





6. Then select HTTPS. Click Add. Then Click Close. The two protocols are now displayed in the list, click Next.



7. On the Access Rule Sources page, click Add.





8. Expand Networks. Select the Internal Network. Click Add. Then click Close.



9. The Internal network object is displayed in the list, Click Next.





10. On the Access Rule Destinations page, click Add.



11. Expand Networks, Select the External Network. Click Add. Then click Close.





12. The External Network Object is displayed in the list, Click Next.



13. On the User Sets page, Leave the default 'All Users' and click Next.





14. On the next page you can review your Access Rule settings, and click Finish to add them to the firewall policy.

Microsoft Interr New Access Rule Wizard	2	<u> </u>	
isaserver20 Virtual 5 Configu Acceleration Server 2006 Acceleration Server 2006 Acceleration Server 2006	Completing the New Access Rule Wizard You have successfully completed the New Access Rule Virgard. The new Access Rule will have the following configuration: Name: SBS Internet Access Rule Action: Allow Traffic: HTTP.HTTPS Source: Internal	From / Listener	Firewall Policy
• •	<u>K</u> Back Finish Cancel		Þ

15. Switching to the Firewall Policy view, you can see your rule is added at the top of the list. Click Apply to save your changes to the Firewall Policy. Enter a comment in the change tracking description box, and click Apply. When the changes are applied, Click OK.





Allowing FTP Access to your Internal Clients

To allow FTP Access for your internal clients you must create an FTP access rule. If you want to allow FTP uploads you must further configure the rule as by default FTP rules are Read Only.

1. From ISA Management, Right click the Firewall Policy and click New > Access Rule.

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Microsoft Inter	met Security and Acc 006 ring Refresh	Microsoft Internet Accelera Standard Edito	Security & tion Server 2006				Firewall Policy
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	Import Edit System Policy]]1	SBS Internet Acc	. 🥝 Allow		去. Internal	External
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	Help	Web Sit	e Publishing Rule	70.5 V 20.22200	DNS	sbs2008server	External
		Access	Rule	ang Kuleri	😡 All Traffic	🚖, All Networks (. 🚖 All Networks (
Creates a new item	in this container.	<u>(</u>					
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2. In the New Access Rule Wizard, Enter a Name for your Rule. I will call my rule 'SBS FTP Access Rule'.

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Microsoft Internet S Monitoring Firewal Polk Virtual Prival Virtual Prival Virtual Prival Virtual Prival Virtual Prival Virtual Prival Virtual Prival Virtual Polk	Welcome to the New Access Rule Wizard	Firewall Policy
E Configuratio	This wizard helps you create a new access rule. Access	m (Histoner To
Cache Add-ins	may be used, when specified clients from one network attempt to access specific destinations or content on another network	nternal 🎯 External
- Di General		ibs2008server 🌍 External
	Access rule name:	bs2008server 🎯 External
	SBS FTP Access Rule	All Networks (🤹, All Networks)
	Cancel	
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3. Set the Rule to Allow and click Next.





4. On the Protocols page, click Add.

Microsoft Internet S	ecurity and Acceleration Server 2006				>
	명 패 더 승 준 G ew Access Rule Wizard Protocols		×		
Monitoring - S Firewall Polk - Virtual Prival	Select the protocols this rule applies to.				Firewall Policy
	This rule applies to:			m / Listener	To
- to Cache	Selected protocols		•	nternal	External
General	Protocols:	-	Add	bs2008server	External
			Edt	bs2008server	External
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			Ports		
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5. Then select FTP. Click Add. Then Click Close. FTP is now displayed in the list, click Next.





6. On the Access Rule Sources page, click Add.

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Microsoft Internet 5 Geographic States Monitoring Firewall Polic	ew Access Rule Wizard Access Rule Sources This rule will apply to traffic originating from the source	es specified in this page.		Firewall Policy
E Configuratio	This rule applies to traffic from these sources:		m / Listener	То
- 🍖 Cache		Add	nternal	External
General		Edt	bs2008server	External
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		ick <u>N</u> ext> Cancel		
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7. Expand Networks. Select the Internal Network. Click Add. Then click Close.





8. The Internal network object is displayed in the list, Click Next.

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 Virtual Prival Configuratio Network 	This rule applies to traffic from these sources:		m / Listener To	
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General		Edt	bs2008server 🏼 🎯 Extern	nal
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		ack Next> Cancel		
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9. On the Access Rule Destinations page, click Add.





10. Expand Networks, Select the External Network. Click Add. Then click Close.

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Microsoft Internet 5	iew Access Rule Wizard	×
isaserver2006 Monitoring Firewall Polk Victual Polk	Access Rule Destinations This rule will apply to traffic sent from the rule sources to the destination in this page.	ss specified.
E-32 Configuratio	This rule applies to traffic sent to these destinations:	Add Network Entities
- 🇞 Cache		Network entities:
Add-ins		New • Edit Delete
Troubleshoo		🗄 🦢 Networks
		External
		- Local Host
		VPN Clients
		E Computers
		Address Ranges
1		Subnets Domain Name Sets
	< <u>Back</u> , <u>Next</u> >	URL Sets
-	1	- E Computer Sets
•	<u> </u>	Add Close
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11. The External Network Object is displayed in the list, Click Next.





12. On the User Sets page, Leave the default 'All Users' and click Next.

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Microsoft Internet S isaserver2006 Monitoring Firewall Polk Virtual Prival	User Sets You can apply the rule to requests from all users. Or, you can limit access t specific user sets.	•		Firewall Policy
E->> Configuratio	This rule applies to requests from the following user sets:		m (Listener	To
- the Cache	All Users	Add	nternal	External
Add-ins		Edg		Concerning and
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		Hemove	bs2008server	External
			All Networks (🚖, All Networks (
	<back next=""></back>	Cancel		

13. On the next page you can review your Access Rule settings, and click Finish to add them to the firewall policy.

Microsoft Internet 5	Rule Wizard	×
isaserver2006 Monitoring Firewall Polk Virtual Prival Configuratio	Completing the New Access Re Wizard	ule Firewall Pol
- 📥 Network - 🎨 Cache - 🖓 Add-ins	Vou have successfully completed the New Access Wizard. The new Access Rule will have the followin configuration:	9 n/Listener To 9 nternal @ External
- Di General V Troubleshoo	Name: SBS FTP Access Rule	bs2008server 🌒 External
	Allow Traffic: FTP Source	bs2008server 🔮 External All Networks (🔩 All Networ
		*
-	< Back Finish	Cancel
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14. Switching to the Firewall Policy view, you can see your rule is added at the top of the list.

Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy Virtual Private Networks	Microsoft Firewall Policy Internet Security & Acceleration Server 2006 Firewall Policy Standard Editor Discard To save changes and update the configuration, dick Apply.					
- to Cache	Firewall Poli		Lange	Environment	-	Lan
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- Troubleshooding	B 🚺 2	585 Internet Access Rule	Allow		- Internal	 External
	🗏 💽 3	SBS Server Web Traffic	Allow	HTTP	sbs2008server	External
	9 4	SBS - DNS Out	Allow	U DNS	sbs2008server	External
	🕐 Last	Default rule	🚫 Deny	🤱 All Traffic	🚖 All Networks (🚖 All Networ
¥	<u></u>					2

15. To allow FTP uploads, right click SBS FTP Access Rule, click 'Configure FTP' on the window that opens un-tick the box for read only FTP and click OK.

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	40 🐨 X 😔					
Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy Virtual Private Network	Microsoft Internet Accelera Standard Edito	Security & tion Serve	r 2006 Card To save changes ar	nd update the configurat	on, dick Apply.	Firewall Policy
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Add-ins	Order -	Name	Action	Protocols	From / Listener	To
Troubleshooting	7 1	S8S FT	Properties	👯 FTP	👍 Internal	🙆 External
	B 💽 2	SBS In/	Delete		👍 Internal	External
	B 💽 3	SBS Se	Copy Export Selected		sbs2008server	External
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nfigures FTP protocol policy				1		
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16. Click Apply to save your changes to the Firewall Policy. Enter a comment in the change tracking description box, and click Apply. When the changes are applied, Click OK.

Microsoft Internet Security and Acceleration Server 2006	_1812
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Korosoft Internet Security and Korosoft Internet Security and Kontoring Firewal Policy Virtual Private Networks Configuration Networks Configuration Change Description Security & Acceleration Server 2006 Sandard Editor To save changes and update the configuration, click Apply Networks Configuration Change Description	Firewall Policy
Change description for the applied changes. The description is displayed in the change tracking entry. General Troubleshooting Change description: Added S8S FTP Access Rule Export You can click Export to back up the entire configuration before applying the changes.	tener To al @ External al @ External Biserver @ External Biserver @ External works (All Network
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Allowing Sending SMTP Email & Publishing SMTP Server

1. Right click the Firewall Policy and click New > Access Rule

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Virtual F	Refresh		Policy	_	_	_	_
E Configu	Export		Name	Action	Protocols	From / Listener	To
- tac	Edit System P	Policy	S8S FTP Access Rule	Allow	P. FTP		External
- Add Gen	Sen New Exchan	Exchange Web Client Access	hange Web Client Access Publishing Rule		👍 Internal	External	
- ar trouble:	Yew Help	•	SharePoint Site Publishing Rule	B		sbs2008server	External
-		1 4	Non-Web Server Protocol Pub Access Rule	lishing Rule	10 DNS	sbs2008server	S External
		🕐 Last	t ule	🚫 Deny	All Traffic	🚖 All Networks (. 🚖 All Netwo

2. Name the rule SBS SMTP Outbound Access Rule, click Next.





3. Set the rule to 'allow'

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De Action gew A ⇒ € I Merosoft Inte Microsoft Inte Sisserver2 Monit(Keep Keep		Firewall Policy
Virtua Virtua Virtua Virtua NM Confic Virtua NM Confic Con	Action to take when rule conditions are met: A flow Deny	From / Listener	To External External
		sbs2008server	External 3. All Network
	< <u>B</u> ack <u>N</u> ext> Cancel		
<u> </u>	<u> </u>		<u>)</u>
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4. On the protocols page, click add, expand Mail, scroll down and select SMTP, click Add, then click Close.





5. SMTP is now displayed in the list. Click Next.

Microsoft Internet S isaserver2006 Monitoring Firewal Pole	ew Access Rule Wizard Protocols Select the protocols this rule applies to.	Firewall Policy
Configuratic	I his rule applies to	rom / Listener To
General	Selected protocols	🛯 Internal 🏾 🎯 External
	Lucat	sbs2008server 💿 External sbs2008server 💿 External All Networks (🧙 All Network
	Ports.]
-		_



6. On the Source networks page Click Add, expand Computers, select the sbs2008server object, and click Add. Click Close.





7. Sbs2008server is now displayed in the list, click Next.

Microsoft Internet S isaserver2006 Monitoring Firewall Poly Virtual Priva	w Access Rule Wizard Access Rule Sources This rule will apply to traffic originating from the sources specified in this page.	×		Firewall Policy
Configuratic Configuratic Cache Cache Add-ins General	This rule applies to traffic from these sources:	Add Edt Bernove	rom / Listener Internal sbs2008server sbs2008server All Networks (To External External External External All Network
•	<back next=""></back>	Cancel	_	• •

8. On the destinations page click Add, expand networks and click External. Click Add, then click Close. The external network object is now displayed in the list. Click Next.





Cache Add-ins Add. External External Internal General Troubleshot Edit. sbs2008server 🕘 External Bemove sbs2008server 🕘 External , All Networks (... 🚖 All Network <<u>Back</u><u>N</u>ext> Cancel 1 . 4 1 🐮 Start 🏾 🏉 Microsoft Internet Se... 😢 🏷 🔂 10:01 AM



9. Accept the default 'All Users' on the user sets page, and click Next.



10. Review your rule settings and click Finish.





11. To allow your SBS Server to receive incoming email we need to create a Mail Server publishing rule. Right click the Firewall Policy and click New > Mail server publishing rule.

Microsoft Int	ernet Security	and Ad	celeratio	on Server 2006				_ 8
the Account 2	gew gep	1 -2	XE	() () ♥ ♥ () ()				
Microsoft Inte	rnet Security and 2006 pring	i de la constante de la consta	Aicrosoff nternet Accelera tandard Editi	Security & tion Server 2006			ji N	Firewall Policy
	Refresh Export Import Edit System Pol	irv	App all Pol	oly Discard To s	ave changes and	update the configuratio	on, did: Apply.	
-0,	Con System Con	~7.00		la.	1 miles	Protocols	From / Listener	To
Trou	New		Mail	Server Publishing Rule	ning Rule	R SMTP	sbs2008server	External
-	Tiew		Shar	ePoint Site Publishing Rule		P. FTP	📥 Internal	External
	Help	1	₩eb Non-) Site Publishing Rule -Web Server Protocol Publishir :ss Rule	ng Rule	HTTP	📥 Internal	External
		B	1 4	S85 Server Web Traffic	S Allow		sbs2008server	External
		D	5	SBS - DNS Out	🥝 Allow	R DNS	sbs2008server	External
			last 👔	Default rule	O Deny	🤬 All Traffic	🛓 All Networks (. 🚖 All Network
•]	<u> </u>							<u> </u>
reates a new iten	in this container.			1			100	
Start @	B M	crosol	it Interne	et Se			U 3	0 10:03 A

12. Name the rule SBS SMTP Server Publishing Rule and click Next.

te Action yew Hel	p	0.000.000		
New M	ail Server Publishing R	ule Wizard 🗶	1	
Microsoft Interr isaserver20 Firewall Virtual F Configu	oft net Security & leration Server 2005	Welcome to the New Mail Server Publishing Rule Wizard	Firev	vall Policy
- 🗞 Cac - 💷 Adc		This witzard helps you publish mail servers using SMTP, RPC, POP, IMAP and NNTP protocols.	From Ulistener To	
Ger		To publish client Web mail services, such as OWA. Outlook	sbs2008server	External
indue		RPC over HTTP, OMA, or Exchange ActiveSync, use the Exchange Mail Publishing wizard.	👍 Internal 🕥	External
			👍 Internal 🛛 🎯	External
		Mail Server Publishing rule name: SBS SMTP Server Publishing Rule	sbs2008server	External
		To continue, click Next.	sbs2008server	External
			🚖 All Networks (🚖	All Network
		< Back Next > Cancel		



13. Choose server to server communication SMTP; NNTP and click Next.

Microsoft Interr	et Security and Acceleration Server 2006	X
Elle Action View	Help	
⇔ ⇒ 🗈 💽	ew Mail Server Publishing Rule Wizard	xI
Microsoft Interr isaserver20 Monitor Firewal	Select Access Type Select the type of access this mail server will provide for clients.	Firewall Policy
⊖ Virtual F ⊡- う Configu	C Glent access: RPC, IMAP, POP3, SMTP	, dick Apply.
	Server-to-server communication: SMTP, NNTP	From / Listener To
Ger Trouble		sbs2008server 🎱 External
		👍 Internal 🛛 🎯 External
		👍 Internal 🛛 🎯 External
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		sbs2008server 🎯 External
	📕 🖌 🖊	🚖 All Networks (🚖 All Network
	< <u>Back</u> <u>N</u> ext > Cancel	
•	x x	N
and a		
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14. Tick the box for SMTP and click Next.

Microsoft Intern	et Security and Acceleration Server 2006	X
Elle Action View	Help	
⇔ ⇒ 🗈 🖬	ew Mail Server Publishing Rule Wizard	xI
Microsoft Interr isaserver20	Select Services Select the services that you are publishing on this mail server.	Firewall Policy
→ Virtual F □-☆ Configu → Net	Server-to-server communication:	ı, dick Apply.
		From (Listener To
Ger Ger	🔽 Seçure SMTP	sbs2008server @External
	Newsgroups (NNTP)	👍 Internal 💮 External
		👍 Internal 🛛 🎯 External
		sbs2008server 🎯 External
		sbs2008server 🎯 External
	< Back Next > Cancel	All Networks (🤹 All Network
•	<u>)</u> I	
🐮 Start 🏀	Microsoft Internet Se	2 8 🖧 🗐 10:04 AM



15. Enter the ip address of our SBS Server – 192.168.80.5 and click Next.

Ele Action Yiew Help Image: Select Server Publishing Rule Wizard Image: Select Server Specify the network IP address of the server you are publishing. Image: Select Server Image: Select Server <th><u>_8×</u></th>	<u>_8×</u>
Image: Select Server Publishing Rule Wizard Image: Select Server Image: Select Server Image: Select Server Specify the network IP address of the server you are publishing. Image: Select Server Specify the network IP address of the server you are publishing. Image: Server IP address: Image: Server IP addresserver Image: Server I	
Microsoft Inter Select Server Specify the network IP address of the server you are publishing. Firm Firmwall Server IP address: Configu Server IP address: Adc 192 · 168 · 80 · 5 Browse From / Listener Trouble Secoles rever	
Virtual F Configu C	wall Policy
Adc 192 · 168 · 80 · 5 Browse	_
Ger Trouble	0
	External
📥 Internal	External
🛶 Internal 🚳	External
sbs2008server	External
📃 sbs2008server 🧉	External
🛃 All Networks (🧐	All Network
< <u>Back</u> <u>Next</u> > <u>Cancel</u>	
x x -	<u>)</u>
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16. Put a tick in the box for External Network and click Next.





17. Review your rule settings and click Finish.

Sisserver20 Monitor Microsoft Internet Security & Acceleration Server 2005 Completing the New Mail Server Publishing Rule Wizard , dick Apply. Virtual F Net Social Configuration Server 2005 You have successfully completed the New Mail Server Publishing Rule Wizard. The new Mail Server Publishing Rule will have the following configuration: , dick Apply. Name: Social Server: State on the following configuration: Internet To Volume State on the following configuration: Internet State on the following configuration: Internet State on the following configuration: Internet State on the following configuration: Visiten on: External Internal External Internal External State on: Internal External Internal External Internal External	Microsoft Interr	New Mail Server Publishing R	ule Wizard	×	
Adc Ger Y Trouble Name: SBS SMTP Server Publishing Rule Published Server: 192.168.80.5 Listen on: External SBS SMTP Server Publishing Rule Published Server: 192.168.80.5 Listen on: External SBS SMTP Server Publishing Rule Published Server: SBS SMTP Server Publishing Rule Published Server: SBS SMTP Server Publishing Rule SBS SMTP Server	isaserver20 Monitor Firewall Virtual F Configu	Microsoft Internet Security & Acceleration Server 2006	Completing the New Mail Server Publishing Rule Wizard	i, dick Apply.	Firewall Policy
Ger Name: SBS SMTP Server Publishing Rule Published Server: Internal External Internal External Internal External Internal External Internal External Internal External				From (Listener	In
SBS SMTP Server Publishing Rule Published Server: 192:168:05 Listen on: External	Trouble		Name:	sbs2008server	External
192.168.80.5 Listen on: External X X Listen on: External X X X X X X X X X X X X X X X X X X X			SBS SMTP Server Publishing Rule Published Server:	📥 Internal	External
Subscription States and States an			192.168.80.5 Listen on: External	去 Internal	External
Charles and the second se			x] >	sbs2008server	External
To close the wizard, click Finish.			To close the wizard, click Finish.	sbs2008server	C External
< Back Finish Cancel			< Bark Finish Cancel	All Networks (🚖 All Networ

18. You can now apply the changes to save your firewall policy.

Elle Action View Help						Elei.
Microsoft Internet Security and isasserver2006 Monitoring Firewal Policy Virtual Private Networks Configuration Networks	Microsoft Internet S Accelerati Standard Editor	ecurity & on Server 2006 y Discard To sa	ve changes and	update the configuration	1, dick Apply.	Firewall Policy
- the cache Cache Add-ins	Firewall Pol		Dence	la secondo	le unio	1.42
General	Order ~	S85 SMTP Server Publ	Allow	SMTP Server	External	192,168,8
Troubleshooding	12	SBS SMTP Outbound A	Allow	D) SMTP	sbs2008server	External
	73	SBS FTP Access Rule	Allow	PTP FTP	👍 Internal	External
	8 💡 4	SBS Internet Access Rule	Allow		📥 Internal	External
	🖻 💽 S	SBS Server Web Traffic	Allow		sbs2008server	External
	9 6	SBS - DNS Out	Allow	R DNS	sbs2008server	External
	🕐 Last	Default rule	O Deny	🖳 All Traffic	🚖 All Networks (. 🚖 All Networ
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Creating a Web Listener for Web Publishing

1. On the ISA Server we must create a new Web Listener – this will allow the ISA server to listen for requests from the internet. Open up ISA Server Management. In the far right hand column click on 'Toolbox' then click on 'Network Objects'.





2. Click on 'New' and select 'Web Listener'

Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy	Microsoft Internet Accelera Standard Editio	Security & tion Server 2006			Firewall	Policy
Virtual Private Networks Onfiguration	Firewall Poli	α <u> </u>			Toolbox Tasks Help	1
- 👍 Networks	Order ~	Name	Action	Protocols	Protocols	0
- to Cache	01	SBS SMTP Server Publi	Allow	SMTP Serve	Users	Q
- General	2	SBS SMTP Outbound A	S Allow	SMTP	Content Types	e
Troubleshooting	9 3	SBS FTP Access Rule	Allow	FTP	Schedules	C
	🖻 📝 4	SBS Internet Access Rule	Allow		Network Objects	Q
	8 💽 5	SBS Server Web Traffic	Allow		Network Network Set	
	9 6	SBS - DNS Out	Milow	R DNS	Computer	
	T Last Default rule	Default rule	🚫 Deny	😡 All Traffic	Subget Subget Computer Set URL Set Domain Name Set Server Earm	
	*					

3. The new web listener wizard starts, enter a name for your web listener, I am choosing 'SBS Web Listener' click 'Next'





4. Accept the default 'Require SSL secured connections with clients' and click 'Next'



5. On the Web Listener IP Address page, Select the External Network and Click 'Next'





6. On the 'Listener SSL Certificate' click 'Select Certificate' there will only be one to choose from 'remote.domain.com' (this was installed into the local machine personal certificate store in Part 1 of this article, if you do not have any certificates installed please go back and review the steps to accomplish this)

	ew Web Listener De	finition Wizard			×	
Microsoft Internet	Listener SSL Cert Select a certifica listener.	ificates ate for each IP addres	s, or specify a single	certificate for this Web	Firew	all Policy
Firewall Pt	Use a gingle cert	ficate for this Web Lis	lener		Toolbox Tasks VHe	2
- 👍 Netwo	1		_	Select Lettincate	Protocols	۲
- Cache	Assign a certifica	te for each IP address		/	Users	Ø
Gener	IP Address	Network	Server	Certificate	Content Types	8
Troublesh					Schedules	Ø
					Network Objects	0
					w • Edit Delete	
				Select Certificate	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners	
_			< <u>B</u> ack	Next > Cancel	Server Farms	





7. When you have selected your certificate, click 'Next'

Elle Action View	Help	A			aul-		
Microsoft Internet Microsoft Internet Monitorior	Listener SSL Cer Select a certific listener.	tificates ate for each IP address	s, or specify a single o	certificate for this Web		Firewa	Il Policy
Firewall Pt	 Use a single cer remote smallbize 	ificate for this Web	les .	Select Certificate		: Apply.	
- Cache	C Assign a certifica	te for each IP address			To	Coolbox Tasks Help	
Add-ir	IP Address	Network	Server	Certificate	P	otocols	O
Troublesh					U	sers	e
					0	ontent Types	C
					5	chedules	e
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				Select Certificate		Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets	
	• ×		(<u>B</u> ack	Next > Can		Domain Name Sets Web Listeners Server Farms	
ne						ļ.	
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8. On the 'Authentication Settings' page choose HTML Form Authentication – leave the other settings untouched and click 'Next'





9. On the Single Sign On page – enter Un-tick the box for Single Sign on and Click Next.

Microsoft Internet	Security and Acceleration Server 2006		_ 6 ×
File Action View	Heb wwweb Listener Definition Wizard	<u>دا</u>	
Microsoft Internet	Single Sign On Settings Single Sign On (SSO) allows users to authenticate once to ISA Server to access all published Web sites that use this Web listener.	Firewa	ll Policy
Firewall Pr Virtual Pri Configura	Enable SS0 for Web sites published with this Web listener The SS0 domain name specifies the published sites between which this Web listener will	dick Apply.	
- Cache - Add-ir - Gener	allow SSU to be applied.	Toolbox Tasks Hep	
	550 gomain name.	Protocols	0
- Housesh		Users Content Types	0
	Example: To enable SSO between sites 'portal contoso.com' and 'sales contoso.com', the SSO domain is .contoso.com	Schedules	Ø
		Network Objects	0
		w • Edit Delete	
		Networks Network Sets Computers Subnets Computer Sets Ornputer Sets URL Sets Drawin Name Sets	
	cgack <u>Next</u> > Lancet	Web Listeners	
3 Start	Microsoft Internet Se	8870	10:17 AM

10. Review your Web Listener Settings and click Finish to add them to the configuration.

Microsoft Internet	Microsoft Internet Security & Acceleration Server 2005	Completing the New Web Listener Wizard	Firewal	
		You have successfully completed the New Web Listener Wizard. The new listener will have the following configuration:	dick Apply.	Policy
Gener Gener		Name: SBS Web Listener Client Connection: Secure (SSL/HTTPS) Listen on: External Client Authentication Method: HTML Form Authentication Authentication Validation Method: Active Directory (Windows) SSD Enabled:	Foolbox Tasks Hep Protocols Users Content Types Schedules Network Objects w + Edt.,, Delete	8
		To close this wizard, click Finish.	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners Server Farms	



11. You can choose to apply your configuration now, or wait until after the next web listener has been created.



Creating a Web Listener for CompanyWeb Publishing

The settings for the CompanyWeb Web listener are nearly identical to that of the SBS Web Listener. The quickest way to create this is to use copy and paste.

1. Right click the SBS Web Listener, and Click Copy.





2. Right click it again, and click Paste.

Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy	Microsoft Internet Accelera Standard Editi	Security & tion Server 2006				Firewall I	Policy
Virtual Private Networks Configuration	Firewall Pol	icy			Toolbox	Tasks Help	
- de Networks	Order ~	Name	Action	Protocols	Protocols	iii	6
- to Cache	0 1	SBS SMTP Server Publi	Allow	SMTP Serve	Users	0.	6
General	2	SBS SMTP Outbound A	S Allow	SMTP	Content 1	ypes	6
Troubleshooting	3	SBS FTP Access Rule	Allow	DI FTP	Schedule	s.,	0
	🖃 📝 4	SBS Internet Access Rule	Allow	Export S Import to	elected Selected	pjects	1
	8 🕐 5	SBS Server Web Traffic	3 Allow	Export A	1	s Sets	
	7 6	SBS - DNS Out	Allow	Di c	g Listener	ers	
	💽 Last	Default rule	O Deny	Propertie	5	Ranges	
				Copy Paste		er Sets s Name Sets	
				Help		eners	
	4				Server	rs Web Listener r Farms	

3. Notice your new web listener named SBS Web Listener(1) Right click this Web Listener and click Properties.



Microsoft Internet Security and Acceleration Server 2006 _ 8 × Elle Action View Help ⇔ → È 🖬 😤 🖬 🖻 者 X → 📀 🍰 🔤 Microsoft Internet Security and Internet Security & Acceleration Server 2006 😑 🤯 isaserver2006 Firewall Policy Monitoring Virtual Private Networks Discard Δ Apply To save changes and update the configuration, dick Apply. E ->> Configuration A Networks **Firewall Policy** Toolbox Tasks V Help Order -Action Protocols Name 0 Protocols General SMTP Serve 0 1 SBS SMTP Server Publi... 🥝 Allow Troubleshooting Users 0 **D** SMTP 12 SBS SMTP Outbound A... @ Allow Content Types 0 7 3 FTP 0 SBS FTP Access Rule S Allow Schedules Export Selected 0 8 7 4 SBS Internet Access Rule 🥝 Allow инті 10 нті cts Import to Selected... ete Export All 100 нгт 100 нгт = ? 5 SBS Server Web Traffic 🥝 Allow . Import All ts New Web List 16 585 - DNS Out Allow DN: nges Properties 🕐 Last Default rule O Deny All I ets Delete Сору e Sets Paste ers eb Listener Help up pas web Listener(1) Server Farms <u>
</u>) 4 Properties 🐮 Start 🏾 🏉 Microsoft Internet Se... 🥴 🏷 🔂 10:22 AM

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frequently asked questions

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4. On the General Tab, you can rename this Web Listener – I am naming my listener SBS CompanyWeb Listener.

	5B5 Web Listener(1) Properties	? ×
Microsoft Internet Security and isaserver2006 Monitoring	Authentication Forms SSO General Networks Connections Certificate	5 Firewall Policy
Virtual Private Networks	Name: SBS CompanyWeb	h, dick Apply.
- tache		Toolbox Tasks Heb
General	C (optional):	Protocols
Troubleshooting		Users 🛞
		Content Types
		<u>Schedules</u>
	5	Network Objects 🛞
		New - Edit Delete
4 1 1	Cancel App	Image: Computers Address Ranges Subnets Image: Computer Sets URL Sets Image: Domain Name Sets Image: Set Sweb Listener Image: Set Sweb Listener(1) Image: Set Sweb Listener(1)



5. Switch to the Connections Tab. Change the Value 443 to 987. Click OK to accept these changes.



6. You will see your new web listener in the toolbox. Click Apply to save these changes to your Firewall Policy.





Creating a Web Publishing Rule For Microsoft Exchange Server 2007 Outlook Web Access

We can now create our first publishing rule.

1. In ISA Server Management, right click 'Firewall Policy' click 'New' and then Click 'Exchange Web Client Access Publishing Rule'

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Microsoft Internet	Security and	Microsoft Interne Acceler	t Security & ation Server 2006			Firewal	l Policy
Virtual Pi	Refresh	Po	blicy	_		Toolbox Tasks Help	
Netv	Export		Name	Action	Protocols	Protocols	0
- 🗞 Cact	Edit System	Policy	SBS SMTP Server Pu	bli 🕝 Allow	SMTP Serve	Users	0
Add-	Mau		Euchanae Web Cleant Acce	re D bleblen Dide	I DR SMTP	Content Types	8
Troubles	Idew		Mail Server Publishing Rule	in the second seco	DI ETP	Schedules	Ø
Rep			SharePoint Site Publishing Rule Web Site Publishing Rule Non-Web Server Protocol Publishing Rule Access Rule		DIHTTP	Network Objects	.0
					HTTPS	New - Edit Delete	
	i 💽 5					Networks Network Sets	
		76	SBS - DNS Out	🖉 Allow	NS DNS	E Computers	
		🕐 Last	Default rule	S Deny	🔬 All Traffic	Address Ranges Address Ranges Subnets URL Sets URL Sets URL Sets Web Listeners SSS CompanyWet SSS CompanyWet SSS CompanyWet SSS StormanyWet SS	ž
eates a new item in t	▶ his container.	<u>.</u>]		•		_



2. Name your rule, I am naming my rule – 'SBS OWA Web Publishing Rule' I am using the name OWA because each different type of Web Access now requires a separate publishing rule, With Exchange 2003 you could use one single rule.

Elle Action View H 🗢 → 💼 🔃 😭	elo New Exchange Publishing Rul	le Wizard	×	
Microsoft Internet Se isaserver2006	Microsoft Internet Security & Acceleration Server 2006	Welcome to the New Exchange Publishing Rule Wizard	Firewa	ll Policy
Virtual Private Configuration Action Cache Add-ins		This wizard helps you publish Web client mail access on an Exchange server or server farm. Use this option to publish Microsoft Outlook Web Access, Outlook Mail Access, Outlook RPC over HTTP, or Exchance Active Svnc.	olbox (Tasks (Help otocols sers	0
General			intent Types ihedules	6
		Exchange Publishing rule name:	twork Objects	0
			- Edit Delete	
		Siss OWA Web Publishing Rule	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Wehl Lickners	
		< Back Next > Cancel	SBS CompanyWel	ь ,

3. On the next page, choose Exchange 2007 from the drop down menu – then put a tick in the box for Outlook Web Access – you will see all the other options are now grayed out.

Microsoft Internet Se	curity and Acceleration Server	2006			_181×
Ele Action View He ← → € 10 2	b ew Exchange Publishing Rule W Select Services	izard	×		
isaserver2006 Monitoring Firewall Policy Virtual Private Configuration	Select the services that you a Exchange version:	Exchange Server 2007		Firewa	Il Policy
- A Networks	Web client mail services:			otocols	0
Add-ins	Outlook Web Access			iers	0
General	C Outlook Anywhere (RPC)	HTTP(6))		intent Types	Ø
Troubleshoot	C Publish addressed Feb	lers on the Exchange Server for Orthonk 2	007 dents	hedules	8
	· Desire (personal terrar		and a second second	twork Objects	8
	Cutbook Mobile Access			• Edit Delete	
	Exchange AddiveSync			Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners	
•		< gack Mext >	Cancel	SBS CompanyWe SBS Web Listene Server Farms	ib r
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4. Click next and accept the default 'Single Web Site' Click Next

Microsoft Internet Se	curity and Acceleration Server 2006		- 18 ×
Elle Action View Hel	b ew Exchange Publishing Rule Wizard	d	
Microsoft Internet Se isaserver2006 Monitoring	Publishing Type Select if this rule will publish a single Web site or external load balancer, a Web server farm, or multiple Web sites.	Firewall	Policy
Firewall Policy Virtual Private Configuration Networks Cache 	 Publish a single Web site or load balancer Use this option to publish a single Web site, or to publish a load balancer in front of several servers. Help about <u>publishing a single Web site or load balancer</u> Publish a server (arm of load balanced Web servers Use this option to have ISA Server load balance requests between a server farm (mirrored servers). 	Ubox Tasks Help otocols vers intent Types hedules twork Objects • Edt Delete	00000
	Help about <u>publishing server farms</u>	Networks Address Ranges Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners SBS CompanyWeb GBS Stowen Listener Server Farms	
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5. Accept the default for SSL to connect to the published web server or server farm





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frequently asked questions





7. On the 'select web listener' page use the drop down menu to select the web listener we created earlier, and click next.

Ele Action yew He	ecurity and Acceleration Se In New Exchange Publishing Ru	rver 2006 Ile Wizard		×	1	<u>_18 ×</u>
Microsoft Internet Se isaserver2006	Select Web Listener The Web listener specifi computer listens for inco	ies the IP addresses and port on w oming Web requests.	ich the ISA Serv	er	Firewa	ll Policy
- Virtual Private	Web listener:		_		albox Tasks Helo	
->c Configuration	SBS Web Listener			Edit	otocols	0
- 🗞 Cache	Listener properties:	and the second se		Ne <u>w</u>	iers	0
-+3 Add-ins	Description	Value			intent Types	0
Troubleshoot	Networks Port/HTTP)	External			hedules	0
	Port(HTTP5)	443			twork Objects	0
	Certificate Authentication methods	remote.smallbizco.com FBA with AD	-		• Edit Delete	
_			*		Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners	
-	<u> </u>	< gack	Next >	Cancel	SBS CompanyWe SBS Web Listener Server Farms	Ь
🏄 Start 🏾 🍎	Microsoft Internet Se	-		1	0 800	10:33 AM

8. On the Authentication Delegation page – change the authentication method to 'no authentication delegation but client may authenticate directly' and click next

Microsoft Internet Se	curity and Acceleration Server 2006.	
jie Action yjew Hel ⊨ ⇔ €ि बिर r®	o ew Exchange Publishing Rule Wizard	×
Microsoft Internet Se	Authentication Delegation Authentication delegation is the method ISA Server uses to authenticate the session it opens with the published site.	Firewall Policy
Firewall Policy Virtual Private	Select the method used by ISA Server to authenticate to the published Web server:	box Tasks Help
- 👍 Networks	No delegation, but client may authenticate directly	otocols
- Cache - Cache	Description	ers @
- General	If the published Web server requests HTTP authentication, ISA Server will pass the authentication request to the client on that the client can respond to it. ISA Server does	intent Types
Troubleshoot	not respond on behalf of the user.	hedules
		twork Objects
		- Edit Delete
	Help about <u>authentication delegation</u>	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners SBS CompanyWeb SBS SWeb Listener
]		Derver Farms



9. On the User select 'All Authenticated users, and click Remove. Click Add and select All Users, Click Add then click Close.

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Elle Action View H	alo		1	
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Efe Action Yew Help Image: Second State of Second Sec		Firewall Policy		
Virtual Private	This rule applies to requests from the following u	car cate:		
E 🔆 Configuration	This role applies to requests into the rollowing of	ACT 90(3)	au	box V Tasks V Help
- A Networks	All Auchenticated Users			tocols
Add-ins			dit	ers 🔘
General		B	emove	itent Types
- nourcaset	Alcharge Publishing Rule Wizard Wersoch Internet Security and Acceleration Server 2000 Wersoch Internet Security and Acceleration Server 2000 Wersoch Internet Security and Acceleration Server 2000 Start Microsoft Internet Security and Acceleration Server 2000 Start Start Microsoft Internet Security and Acceleration Server 2000 Start Start <td></td> <td>requies ()</td>		requies ()	
			Edit Delete	
			Mehuneks	
			Network Sets	
Ele Action yew Herosoft Image: Start Image: Start Image: Start Image: Start Image: Start			Computers	
			Subnets	
			Computer Sets	
				URL Sets Domain Name Sets
			P	Web Listeners
		< Back Next >	Cancel	SBS CompanyWeb
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Microsoft Internet S	ecurity and Acceleration Server 2006			<u>_ 8 </u> ×
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	sers. Or, you can limit access to ser sets:	dd	Lice States Computer Sets	
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D Bull Sych ange Publishing Bulle Wizard	xil
User Sets You can apply the rule to requests from all users. Or, you can limit ac specific user sets.	xess to Firewall Policy
This rule applies to requests from the following user sets:	Add Users X User sets: New Edit Delete All Authenticated Users All System and Network Service
< Back Next	>
	Curity and Acceleration Server 2006 b ew Eschange Publishing Rule Wizard User Sets You can apply the rule to requests from all users. Or, you can limit ac specific user sets. This rule applies to requests from the following user sets:





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frequently asked questions

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10. Click Next to review your rule settings, you can also click to 'Test Rule' the rule at this point. Click Finish when you are happy with your rule.

Microsoft Internet Se Microsoft Microsoft Microsoft Internet Securit Acceleration So	Completing the New Exchang Publishing Rule Wizard	e Firewall Pol
S Firewai Poicy Acceleration Set Set	You have successfully completed the New Exchane Publishing Rule Wizard. The new Exchange Publish will have the following configuration:	ng Rule
- 👸 Cache		iers
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Troubleshoot	SBS OWA Web Publishing Rule Publishing Type	hedules
	Publish a single Web site.	twork Objects
	Yes	- Edit Delete
	remote.smallbizco.com	Networks
	To close the wizard, click Finish.	Aldress Ranges Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners
Test Rule	<gadk finish<="" td=""><td>Cancel SBS CompanyWeb</td></gadk>	Cancel SBS CompanyWeb



Microsoft Internet Se isaserver2006 Monitoring Firewall Policy Virtual Private	Microsoft Internet Se isaserver2006 Firewall Policy Virtual Private Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration Networks Configuration	Firewall Pol	Firewall Policy	
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1 Start	Microsoft Internet Se	😗 🎘 🏷 🗊 10:37	AM	

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11. Click Apply to accept these configuration changes.





Now we must open up a port on your internet router to allow traffic to reach your ISA Server. The port required is TCP 443 and this should go to the external IP of your ISA Server. From an external source you can now navigate to https://remote.domain.com/owa to get to the OWA Site. If you are using a non domain workstation you will be prompted by a Certificate Warning which you will need to acknowledge before continuing on to the site. You will then be shown the OWA Login page. You can now login using your email address and password to access your Mail Box.



Creating a Web Publishing Rule For Microsoft Exchange Server 2007 Outlook Anywhere (Outlook RPC / HTTPS)

1. To create a rule for Outlook Anywhere (Outlook RPC/HTTPS) Right click Firewall Policy click New . Exchange Web Client Publishing Rule.





2. Name your rule, I am using the name SBS Outlook Anywhere Web Publishing Rule, click Next.

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New Exchange Publishing Rul	e Wizard	×		control of a
Microsoft Internet Security & Acceleration Server 2006	Welcome to the New Exchange Publishing Rule Wizard		Firewall	Policy
	This wizard helps you publish Web client mail access Exchange server or server farm. Use this option to Microsoft Outlook Web Access, Outlook Mail Access Outlook RPC over HTTP, or Exchange Active Sync.	on an publish Protocols SMTP Serv SMTP C FTP C FTP	Toolbox Tasks Hep Protocols Users Content Types Schedules Network Objects	000000000000000000000000000000000000000
	To continue, click Next.	Cancel	Vew Edt Delete Image: Set and the set an	
<u>• • •</u>			Server Farms	

3. Choose Exchange 2007 from the dropdown list. Select the Outlook Anywhere check box and also tick the box to publish additional folders. Click Next.





4. Click Next to accept the default 'Publish Single Website or Load Balancer'

Incosoft Internet Security and Acceleration Server 2006 w Exchange Publishing Rule Wizard	×		_ 6
Publishing Type Select if this rule will publish a single Web site or external load balancer, a Web server farm, or multiple Web sites.			
Publish a single Web site or load balancer		Firewa	ll Pol
Use this option to publish a single Web site, or to publish a load balancer in front of several servers.		Toolbox Tasks Help	1
Help about publishing a single Web site or load balancer.	SMTP Serve	Protocols	_
C Publish a server farm of load balanced Web servers	SMTP	Content Types	
Use this option to have ISA Server load balance requests between a server farm	FTP	Schedules	
	HTTP	New + Edit Delete	_
Hep about <u>publicity server rams</u>	HTTPS	📧 🦳 Networks	
	HTTP	Image: Sets Image: Se	
	W DNS	Address Ranges Subnets	
< Back Next > Cancel	All Traffic	Computer Sets URL Sets URL Sets Domain Name Sets Sets Web Listeners Sets CompanyWe Sets Web Listener Sets Verb Listener Sets Verb Listener	b
» •	<u> </u>		_

5. Click Next to accept the default 'Use SSL to connect to the published web Server'

v Exchange Publishing Rule Wizard			
Server Connection Security Choose the type of connections ISA Server will establish with the published Web server or server on.	-	Coursell	
Use SSL to connect to the published Web server or server Farm Https://	_		O.II
ISA Server will connect to the published Web server or server farm using HTTPS (recommended).	Protocols	Protocole	-
	SMTP Serve	lisers	-
C Use non-secured connections to connect the published	SMTP	Content Types	
Web server or server farm	FTP	Schedules	
ISA Server will connect to the published Web server or	HTTP	Network Objects	
server farm using HTTP.	HTTPS	New - Edit Delete	
	HTTPS	🗉 🛄 Networks	_
When publishing over SSL, an appropriately named SSL server certificate must be installed on the published server, or on each server in the server farm.		Network Sets Onputers Address Rappes	
	DNS	Subnets	
Help about <u>server connection security</u>		Computer Sets URL Sets Domain Name Sets	
<back next=""> Cancel</back>		Web Listeners SBS CompanyWeb SBS Web Listener Server Farms	
N			
			F


6. On the internal site name page enter 'remote.smallbizco.com' (where remote.smallbizco.com is your public DNS name) Click Next.

Specify the internal n	ame of the Exchange site or server you are publishing.	-		
Internal site name:	remote.smallbizco.com	-	Firewal	l Poli
The internal site name is the name Typically, this is the name (SAN) on the (SAN) on the If ISA Server cannot resold computer name or IP addr Use a computer name or Computer name or IP addr	The name of the Web site you are publishing as it appears internally. Internal users type into their browsers to reach the Web site. Internal users type into their browsers to reach the Web site. Internal site name, ISA Server can connect using the ess of the server hosting the site. or IP address to connect to the published server tress: Browse Cancel	Protocols	Toolbox Tasks Help Protocols Users Content Types Schedules Network Objects Network Objects New • Edt Delete Image: Computers Address Ranges Subnets Image: Computer Sets URL Sets Image: Domain Name Sets Image: SBS CompanyWel Image: Set	

7. On the public name details page enter 'remote.smallbizco.com' (where remote.smallbizco.com is your public DNS name) Click Next.





8. On the Web Listener page, select your SBS Web Listener from the drop down menu and click Next.

Web listener:	2				Firewa
SBS Web Listener	-		Edit		
Listener properties: Property Description Networks Port(HTTP) Port(HTTPS) Certificate Authentication methods	Value External Disabled 443 remote.smalfbiaco.com FBA with AD <back< th=""><th>v Mext ></th><th>Negg</th><th>Protocols SMTP Serve SMTP Serve FTP HTTP HTTPS HTTPS HTTPS DNS All Traffic</th><th>Protocols Users Content Types Schedules Network Objects Network Objects Dev * Edt Delete Dev * Edt Dev * Edt Delete Dev * Edt De</th></back<>	v Mext >	Negg	Protocols SMTP Serve SMTP Serve FTP HTTP HTTPS HTTPS HTTPS DNS All Traffic	Protocols Users Content Types Schedules Network Objects Network Objects Dev * Edt Delete Dev * Edt Dev * Edt Delete Dev * Edt De

9. On the authentication delegation page, select NTLM from the drop down menu. Click Next.

rosoft Internet Security and Acceleration Server 2006	eil.		18
uthentication Delegation Authentication delegation is the method ISA Server uses to authenticate the session it opens with the published site.			
Select the method used by ISA Server to authenticate to the published Web server:		Firewall (Pol
Description	Protocols	Toolbox V rasks V rep	-
ISA Server will use NTLM authentication to authenticate the client to the published Web	SMTP Serve	Protocols	-
server. The published Web server must be configured to accept NTLM authentication. If the published Web server is IIS, then it must be configured to accept Integrated	CM CMTD	Users Contract Turner	-
authentication.	Lil cm	Concent Types	
	PIP	Network Objects	
	HTTP	New + Edt Delete	-
	HTTPS	F Networks	_
	HTTP	Network Sets Determined and traces	
	2 DNS	Subnets	
Help about <u>authentication delegation</u>	All Traffic	Computer Sets IRL Sets IRL Sets Domain Name Sets Or Set Disterers Set CompanyWeb Set ScompanyWeb Set Set Set Disterer Set Set Set Disterer Set Set Set Disterer Set Set Set Disterer	
<u> </u>	×		
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10. Leave the default 'All Authenticated Users' and click Next.

Thirrosoft Toternet Security and Acceleration Secure 2006 New Exchange Publishing Rule Wizard User Sets You can apply the rule to requests from all users. Or, you can limit acc coefficience sets.	:ess to	×		_1813
This rule applies to requests from following user sets:			Firewa	ll Policy
All Authenticated Users	Add		Toolbox Tasks Help	
	Edt	Protocols	Protocols	
		SMTP Serve	Users	Q
	Remove	SMTP	Content Types	6
		FTP	Schedules	Ø
		HTTP	Network Objects	Q
		HTTPS	New - Edit Delete	
		HTTPS	🗉 🛄 Networks	
		HTTP HTTPS	E Network Sets E Computers	
		2 DNS	Address Ranges	
		All Traffic	🗄 🚞 Computer Sets	
< Back Mext >	Cancel	1	URL Sets Domain Name Sets Web Listeners SBS CompanyWe SBS Web Listener SBS Web	<u>Б</u> .
x		•		
Start 20 Microsoft Internet Se				11:22 4

11. Click Test Rule, to check your rule settings. Click Close when the test has finished.

Microsoft Internet Security & Acceleration Server 2006 You have successfully completed the New Exchange Publishing Rule Wizard You have successfully completed the New Exchange Publishing Rule Wizard. The new Exchange Publishing Rule will have the following confiduration:		Course # C	
You have successfully completed the New Exchange Publishing Rule Wizard. The new Exchange Publishing Rule will have the following configuration:		Firewait	Policy
Pri	otocols	Toolbox Tasks Help	
Name:	SMTP Serve	Users	0
Publishing Type Publish a single Web	SMTP	Content Types	8
Connect the published Web Server using HTTPS Yes Site: remote.smalbizco.com	HTTP HTTPS	Network Objects	0
To close the wizard, click Finish.	HTTPS HTTP HTTPS	Networks Network Sets Original Address Rannes	
	DNS	Subnets	
Test Rule < Back Finish Cancel	All Traffic	Computer Sets URL Sets URL Sets Web Listeners SBS CompanyWeb SBS Web Listener Server Farms	
	•		



12. Click Finish when you are happy with your rule.

Web Publishing Rule Test Results	×	
Isaserver2006.smallbizco.local remote.smallbizco.com https://remote.smallbizco.com:443/rpc/ https://remote.smallbizco.com:443/evs/ https://remote.smallbizco.com:443/AutoDiscover/ https://remote.smalbiz		Firewall Policy
	Protocols	Toolbox Tasis Hep Protocols @ Users @ Content Types @
	HTTP	Schedules @ Network Objects @
		Vew • Edit Delete
The test successfully completed running on this ISA Server computer.		J ⊞ ⊇ Computers ⊇ Address Ranges ⊇ Subnets
	All Traffic	Computer Sets URL Sets URL Sets Ocmain Name Sets Ocmain Name Sets SS CompanyWeb SSS CompanyWeb SSS Web Listener Sets Web Listener Server Farms
	<u>)</u>	
Start 🖉 Microsoft Internet Se		😢 🏷 💭 11:23 Af

13. Click Apply to accept these configuration changes.

Elle Action View Help	lax o	1.2				
Hicrosoft Internet Security and Isaserver2006 Monitoring Greevel Policy Virtual Private Networks Configuration	Microsoft Internet Se Acceleration Standard Editory	curity & rverver 2006	ve changes and	update the configurat	Firewall Pi	olicy
-to Networks	Firewall Policy				Toolbox Tasks Heb	
	Order 🐣	Name	Action	Protocols	Protocols	0
Troubleshooting	0 1	SBS SMTP Server Publi	Sola Sola	SMTP Serve	Users	0
	9 2	SBS SMTP Outbound A	Mallow State	I SMTP	Content Types	0
	9 3	SBS FTP Access Rule	C Allow	FTP	Schedules	0
	B 🚺 4	SBS Internet Access Rule	Allow	аттн 😡 Алтн 😡	Network Objects	0
	3 5	SBS Outlook Anywhere	Allow	D HTTPS	🗄 🛄 Networks	
	e , 6	SBS OWA Web Publishi	Allow	R HTTPS	🗄 🛄 Network Sets	
	🖻 🕐 7	SBS Server Web Traffic	WollA 🚫		Address Ranges	
	8	SBS - DNS Out	Allow	R DNS	E Computer Sets	
	💽 Last	Default rule	O Deny	🔬 All Traffic	URL Sets URL Sets URL Sets URL Sets Sets Sets	_
1 1 1	4				the court of	+



Creating a Web Publishing Rule For Microsoft Exchange Server 2007 Active sync

1. To create a rule for Exchange Active Sync Right click Firewall Policy click New . Exchange Web Client Publishing Rule.



2. Name your rule, I am using the name SBS Exchange Active Sync Web Publishing Rule, click Next.





3. Choose Exchange 2007 from the dropdown list.



4. Select the Exchange Active Sync check box. Click Next.

Select Services t Int Select the services that year	u are publishing on this mail server,		
Moni Firev Virtu Exchange <u>v</u> ersion: Conf	Exchange Server 2007	Toolbox Tasks (Help	
A P Web client mail services:		Protocols	
Outbook Web Access		Users	
C Duttook Anywhere (R	CHITTP(S))	Content Types	
Trou	iders on the Exchange Server for Outlook 200	7 cleats	
 Denter Construction 		Network Objects	
Cutlook Mobile Access		New - Edit Delete	
Exchange ActiveSync	1	Networks Networks Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets	
	< <u>B</u> ack Next >	Cancel Web Listeners	



5. Click Next to accept the default 'Publish Single Website or Load Balancer'

	New Exchange Publishing Rule Wizard	즤		
rosoft Int	Publishing Type Select if this rule will publish a single Web site or external load balancer, a Web server farm, or multicle Web sites.		Firewa	ll Polic
Meni Firev Conf Conf Conf Trou	Publish a single Web site or load balancer Use this option to publish a single Web site, or to publish a load balancer in front of several servers. Help about publishing a single Web site or load balancer V Publish a server farm of load balanced Web servers Use this option to have ISA Server load balance requests between a server farm (mirrored servers). Help about publishing server farms	*	Toolbox Tasis Help Protocols Users Content Types Schedules Network Objects New Network Objects New Network Sets Onputers Address Ranges Subnets Subnets Computer Sets URL Sets Domain Name Sets Statement Statements Statements Statements Statements	

6. Click Next to accept the default 'Use SSL to connect ot he published web Server'





7. On the internal site name page enter 'remote.domain.com' (where remote.domain.com is your public DNS name) Click Next.

Action	iew Exchange Publishing Rule Wizard	×		
rosoft Int isaservei	Internal Publishing Details Specify the internal name of the Exchange site or server you are publishing.		Firewal	l Policy
Firev Virtu	Internal site name: Fernotexsmallbizco.com	1	Toolbox Tasks Help	
-	Typically, this is the name internal users type into their browsers to reach the Web site.	0	Protocols	0
-01	The internal site name must match the common or subject alternative name		Users	C
0	(SAN) on the certificate bound on the Web site that you are publishing.		Content Types	C
rou			Schedules	0
	IF ISA Server cannot resolve the internal site name, ISA Server can connect using the		Network Objects	Ø
	Use a computer name or IP address to connect to the published server Computer name or IP address: Provide in Cancel Cancel		Image: State	

8. On the public name details page enter 'remote.domain.com' (where remote.domain.com is your public DNS name) Click Next.

New Exchange Publishing R	ule Wizard	×		
Public Name Details int Specify the public dom ver published site.	ain name (FQDN) or IP address users will type to reach the		Firewa	all Policy
ev ev tu <u>A</u> ccept requests for: inf Only requests for this public	This domain name (type below):		Toolbox Tasks Help	2
.*			Protocols	0
Public name:	remote.smallbizco.com		Users	0
¢	Example: www.contoso.com		Content Types	Ø
DU .	A		Schedules	Ø
			Network Objects	0
			New - Edit Delete	
		}	Adverse Ranges Adverse Ranges Adverse Ranges Subnets Unputer Sets ULL Sets ULL Sets Domain Name Sets Web Listeners	
	< gack Next > Canc	el	SBS CompanyWe SBS Web Listene Server Farms	r r



9. On the Web Listener page, select your SBS Web Listener from the drop down menu. Take note of the Message displayed regarding session timeout. Click Next



10. On the Authentication delegation page, select Basic from the drop down menu. Click Next.





11. On the User select 'All Authenticated users, and click Remove. Click Add and select All Users, Click Add then click Close. Click Next. Acknowledge the Warning regarding authentication by clicking OK.





Protocols 0 001 Edit ... Users 0 Microsoft Internet Security and Acceleration Server 2 × ent Types 0 0 Trou dules The Web listener selected for this rule requires authentication. However, when the All Users user set is selected for a rule, authentication is not performed. To apply authentication to this rule using this configuration, select the Require all users to authenticate check box in the Web listener Advanced Authentications dialog box. Click OK to continue, or Cancel to change your selection. 0 !\ ork Objects 0 dit... Delete **J**etworks letwork Sets OK Cancel Computers Address Ranges Subnets 🗉 🚞 Computer Sets URL Sets 🗄 🛄 Domain Name Sets 🖃 🧽 Web Listeners 💭 SBS CompanyWeb < Back Next > Cancel 🗊 SBS Web Listener Server Farms 2 • 4 🐮 Start 🏾 🄏 C Microsoft Internet Securi... Microsoft Internet Se... 😢 🏷 🔂 11:30 AM



12. Click Test Rule, to check your rule settings. Click Close when the test has finished.

Action New Exchange Publishing Ru	le Wizard	×		
rosoft Int Isaserver Mori Acceleration Server 2006	Completing the New Exchange Publishing Rule Wizard		Firewall	Policy
⊘ Virtu ☆ Conf	You have successfully completed the New Exchange Publishing Rule Wizard. The new Exchange Publishing Rule will have the following configuration:		Toolbox Tasks Help	
*			Protocols	0
	Name:		Users	Ø
	SBS Exchange Active Sync Web Publishing Rule		Content Types	8
A Hor	Publish a single Web site.		Schedules	0
	Yes		Network Objects	8
	Site: remote.smallbizco.com		Mem + Corr. Maiere	
1	To close the wizard, click Finish.		B Networks B Computers Address Ranges Subnets B Computer Sets B Computer Sets B Computer Sets B Computer Sets B Domain Name Sets	
Test Rule	<back cancel<="" finish="" td=""><td></td><td>Web Listeners SBS CompanyWeb SBS Web Listener SSS Web Listener Server Farms</td><td>l.</td></back>		Web Listeners SBS CompanyWeb SBS Web Listener SSS Web Listener Server Farms	l.
<u> </u>		•		





13. Click Finish when you are happy with your rule.

Elle Action	New Exchange Publishing Rul	e Wizard	×
Microsoft Int isaserver isaserver Conf Conf Trou	Completing the New Exchange Publishing Rule Wizard You have successfully completed the New Exchange Publishing Rule Wizard. The new Exchange Publishing Rule	Firewall Policy	
	will have the following configuration: Name: SBS Exchange Active Sync Web Publishing Rule Publishing Type Publish a single Web site. Connect the published Web server using HTTPS	Protocols () Users () Content Types () Schedules () Network Objects ()	
	Site: remote.smallbizco.com	Networks Image: State in the image Image: State in the image	
*	Test Rule	< gack Finish Cancel	Server Farms

14. Click Apply to accept these configuration changes.

Elle Action Yew Help	1					
	∃ X ↔ (🔄 🌛				
Microsoft Internet Security and isaserver 2006 Monitoring Virtual Private Networks Configuration Motioning	Microsoff Internet S Acceleration Standard Edition	ecurity & ion Server 2006 y Discard To sa	ve changes and	update the configurat	Firewall P	olicy
Cache	Firewall Polic	Firewall Policy			Toolbox Tesks Hein	
	Order *	Name	Action	Protocols	Protocols	Ø
Troubleshooting	0 1	SBS SMTP Server Publi	Sow Solar	SMTP Serve	Users	0
	2	SBS SMTP Outbound A	Mow	IN SMTP	Content Types	0
	7 3	SBS FTP Access Rule	Allow	D2 FTP	Schedules	0
	8 7 4	SBS Internet Access Rule	Allow	DI HTTP	Network Objects	0
				M TTPS	New - Edit Delete	
	3 ,5	SBS Exchange Active S	Allow	R HTTPS	🗉 🚞 Networks	
	6	SBS Outlook Anywhere	Milow	R HTTPS	🗄 🛄 Network Sets	
	a	SBS OWA Web Publishi	Milow 🚫	M HTTPS	Address Ranges	
	8 💽 8	SBS Server Web Traffic	Allow		Subnets	
	9	585 - DNS Out	Milow 🕑	DNS	URL Sets	
	💽 Last	Default rule	O Deny	All Traffic	E by Web Listeners	
					SSS Web Listener	



To configure your Outlook Client to connect to your SBS Server using Outlook Anywhere, follow the steps in the following article :

http://www.smallbizserver.net/Articles/tabid/266/articleType/ArticleView/ArticleID/101/PageID/146/Default.aspx

You can customize the ISA Server Forms displayed to your Outlook Web Access clients – this is a new feature of web publishing rules with ISA Server 2006. An excellent guide to this can be found here: http://blog.msfirewall.org.uk/2008/11/customising-isa-server-2006-html-forms.html



Creating a Web Publishing Rule For Remote Web Workplace

1. Creating the RWW Publishing Rule. On your ISA Server open ISA Server Management Right click the Firewall Policy and click New > Web Site Publishing Rule.



2. Enter a name for your rule, I am calling my rule SBS Remote Web Workplace Web Publishing Rule, click Next.

Microsoft Internet Secu	rity and Acceleration Server	2006	X
Elle Action View Help	New Web Publishing Rule Wiz	rard	×
	Microsoft Internet Security & Acceleration Server 2006	Welcome to the New Web Publishing Rule Wizard	Firewall Policy
Configuration		This washed haln you wallets Web chas. Web wallshing	tols ()
- 🍖 Cache Add-ins	Web publishing rule n	rules match incoming client requests to the appropriate web site on the Web server or Web farm	0
General		Heb ske of the Heb server of Heb land.	nt Types 🛞
Troubleshooting			ules 🛞
		Web publishing rule name:	rk Objects 🛛 🎯
		585 Remote Web Workplace Web Publis	it <u>D</u> elete
		To continue, click Next.	tworks twork Sets mputers Idress Ranges bnets mputer Sets 1. Sets main Name Sets sb Listeners
<u>.</u>	<u> 1</u>	<back next=""> Cance</back>	SBS CompanyWeb SBS Web Listener rver Farms
🐮 Start 🄏	Microsoft Internet Se		😢 🛸 🔂 😰 2:07 PM



3. Set the rule to Allow, and click Next.



4. Accept the default for publishing a single web site or load balancer and click Next.





5. Accept the default to use SSL to connect to the published web server.

Microsoft Internet Secur	ity and Acceleration Server 2006	V	View		_ 8 ×
Elle Action View Help	iew Web Publishing Rule Wizard	1	Replay		
 	Server Connection Security Choose the type of connections ISA Server will establish with the publis server or server farm.	hed W	ieb	Firewal	l Policy
	Use SSL to connect to the published Web server or server Arm SA Server will connect to the published Web server or server farm using HTTPS (recommended). Use non-secured connections to connect the published Web server or server farm ISA Server will connect to the published Web server or server farm using HTTP. ISA Server will connect to the published Web server or server farm using HTTP. Isa Server will connect to the published Web server or server farm using HTTP. Isa Server will connect to the published web server or server farm using HTTP. Isa Server will connect to the published web server or server farm using HTTP. Isa Server will connect to the published web server or server farm using HTTP. Isa Server will connect to the published web server or Server farm using HTTP. Isa Server will connect to the published web server or Server farm using HTTP. Isa Server will connect to the published web server or Server farm using HTTP. Isa Server will connect to the published web server or Server farm using HTTP. Isa Server will connect to the published web server or Server farm using HTTP. Isa Server will connect to the published server, or on each server in the server or Isa Server will be a server web server or on each server in the server or Server will be a server or on each server in the server or Server web server or on each server in the server on the server on each server in the server on the server on the server on the server on each server in the server on the	https: http: http: http:	e must be	nt Types ules rk Objects it gelete tworks twork Sets mputers dress Ranges bnets mputer Sets	9 9 9 9
	<pre></pre>	5.	Cancel	L Sets main Name Sets eb Listeners SBS CompanyWeb SBS Web Listener rver Farms	k
•	N 1		<u> </u>		
2)Start 🍘	Microsoft Internet Se				2:10 PM

6. On the internal site name page, enter 'remote.smallbizco.com' (where remote.smallbizco.com is your public DNS name) and click next.





7. On the Path page, enter /remote/* and click next.

Microsoft Internet Secu	rity and Acceleration 5	ierver 2006				_8×
Elle Action View Help	New Web Publishing Ru	ule Wizard			×	
	Internal Publishing Specify the interr can publish the er	Details al path and publishing o ntire Web site, or limit a	ptions of the published We cess to a specified folder.	eb site. You	Firewa	all Policy
Virtual Private Net	Enter the name of the within a folder use /*. I	file or folder you want b Example: folder/*.	publish. To include all file:	s and subfolders	V Tasks V Help	2
- 👍 Networks	Path (optional):	/remote/*			ols	0
Cache	Read on your calaction	, the following Web site	will be exhicked:			0
General	Web site:	bitton Vicemote	will be published.		nt Types	8
Troubleshooting	web site.	Linder Webnied	singlibulou concomprenievey.		ules	0
	Forward the original host header instead of the actual one specified in the Internal site page field on the previous page.		rk Objects	0		
	name neid on the p	remous page			it Delete	
			< <u>B</u> ack	cancel	tworks twork Sets mputers kress Ranges bnets mputer Sets tL Sets main Name Sets sb Listeners b Listeners SBS CompanyWe J SBS Web Listene rver Farms	sb r
1	Microsoft Internet S]			e 8 B B	2:12 PM

8. On the public name page, enter 'remote.domain.com' (where remote.domain.com is your public DNS name) and click next.





9. On the Web Listener page, select the SBS Web Listener, and click Next.

Microsoft Internet Securi	ty and Acceleration Serve	2006				8 ×
Elle Action View Help	ew Web Publishing Rule W	zard		2	<u>دا</u>	
Microsoft Internet Securit isaserver2006 Monitoring	Select Web Listener The Web listener specific computer listens for incomputer listens for i	es the IP addresses and port on whi ming Web requests.	ich the ISA Serve	H.	Firewall Po	dicy
- Firewall Policy	Web (istener:	<u> </u>				-
E->> Configuration	SBS Web Listener		×	<u>E</u> dit	K Tasks V Help	
- 👍 Networks	Listener properties:			New	ols	0
Cache	Property	Value	<u> </u>			0
- D General	Networks	External			nt Types	0
Troubleshooting	Port(HTTP)	Disabled			ules	0
	Certificate	443 remote.smallbizco.com			rk Objects	0
	Authentication methods	FBA with AD	-		it Delete	
		_< gack	Vext >	Cancel	tworks twork Sets mputers dress Ranges bhets mputer Sets 1. Sets main Name Sets sb Listeners J SBS CompanyWeb J SBS Web Listener rver Farms	
•	<u>ы</u>)		
start @	Microsoft Internet Se				2:13	3 PM

10. On The Authentication Delegation page, use the drop down menu to select, No Authentication Delegation but client may Authenticate directly, and click Next.





11. On the user sets page, select 'All Authenticated Users', and click remove then click Add. Select the All Users user set, then click Add. Click Close. The All users user set is displayed in the list, click next.

🔤 Microsoft Internet Secur	ity and Acceleration Server 2006	_8 ×
Elle Action View Help	iew Web Publishing Rule Wizard	1
	User Sets You can apply the rule to requests from all users. Or, you can limit access to specific user sets.	Firewall Policy
Firewall Policy Virtual Private Net Configuration Networks Cache Add-ins General Troubleshooting	This rule applies to requests from the following user sets: All Authenticated Users Add Edt Remove	s Tasks Help
<u>.</u>	<back next=""> Cancel</back>	twork Sets mputers dress Ranges bnets mputer Sets 1. Sets main Name Sets eb Listeners 3 SBS CompanyWeb 3 SBS Web Listener rver Farms
🐮 Start 🏾 🏉	Microsoft Internet Se	2:15 PM
Microsoft Internet Securit	ty and Acceleration Server 2006 Wew Web Publishing Rule Wizard User Sets You can apply the rule to requests from all users. Or, you can limit access to specific user sets. This rule applies to requests from the following user sets: Mew Edt Delete All Users System and Network S	s
1	<back add="" internet="" microsoft="" se<="" td=""><td>Close</td></back>	Close



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12. Accept the warning regarding authentication by clicking OK.

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frequently asked questions

le Action View Help			a	
	New Web Publishing Rule wizard User Sets You can apply the rule to requests from all users. Or, you can limit access specific user sets.	i to		
	This rule applies to requests from the following user sets:	<u>A</u> dd	Firewal	I Policy
- Cache		Edit		Ø
General	Microsoft Internet Security and Acceleration Server 2006	×	nt Types	8
Troubleshooting	The Web listener selected for this rule requires authentication. How	ever, when the All	ules	0
	Users user set is selected for a rule, authentication is not performed	. To apply	rk Objects	0
	authenticate check box in the Web listener Advanced Authentication	is dialog box.	it Delete	
1	OK Cancel		tworks twork Sets mputers Idress Ranges bnets mputer Sets tL Sets main Name Sets	
		Cancel	SBS CompanyWet SBS Web Listener rver Farms	2



13. Review your rule settings, click Test Rule to test your settings.







14. Click Close, then click Finish to save your rule to the Firewall Policy. We will add the RPC rule before we save our changes.

🐸 Microsoft Internet Secu	nty and Acceleration Server	2006		8 ×
Elle Action View Help	New Web Publishing Rule Wiz	ard	×	
Microsoft Internet Security Microsoft Monitoring Firewall Policy Virtual Private Net Networks Configuration Metworks General Troubleshooting	Microsoft Internet Security & Acceleration Server 2006	Completing the New Web Publishing Rule Wizard	Firewall Po	əlicy
		Rule Wizard. The new Web Publishing Rule will have the following configuration:	tols	0
		Name: S55 Remote Web Workplace Web Publishing Rule Action: Allow Publishing Type	nt Types ules rk Objects	0000
	Connect the published Yes	To close the wizerd, click Finish.	it <u>Delete</u> tworks twork Sets mputers Idress Ranges bnets mputer Sets 1. Sets	
<u>.</u>	Test Rule	<back cance<="" finish="" td=""><td>b Listeners 2 SBS CompanyWeb 2 SBS Web Listener rver Farms</td><td></td></back>	b Listeners 2 SBS CompanyWeb 2 SBS Web Listener rver Farms	
🌯 Start 🏾 🍘	Microsoft Internet Se		8 3 D 2:1	7 PM



Creating a Web Publishing Rule For Remote Web Workplace RPC Traffic

1. Right click the Firewall policy and click New > Exchange Web Client Publishing rule>



2. Name your rule 'SBS RWW RPC Web Publishing Rule' and click Next

New Exchange Publishing Ru	le Wizard	×	
Microsoft Internet Security & Acceleration Server 2006	Welcome to the New Exchange Publishing Rule Wizard	Firewa	ll Policy
	This wizard helps you publish Web client mail access on an Exchange server or server farm. Use this option to publish Microsoft Outlook Web Access, Outlook Mail Access, Outlook RPC over HTTP, or Exchange Active Sync.	e the configuration, dick Apply.	
		Protocols Protocols	0
	Evrhance Dubliching rule name	SMTP Se Users	0
	Exchange r delaning raie marter -	SMTP Content Types	Ø
	SBS RWW RPC Web Publishing Rule	Chedules	0
	To continue, click Next.	Network Objects	0
		Mew - Edit Delete	
		HTTPS E Networks	-
	1	HTTPS	
		HTTPS Address Ranges	
-	/	UN HTTPS Subnets	
	< Back Next > Cance	H HTTP III URL Sets	
	10 S85 - DNS Out Allow	🔍 DNS 📃 🖂 🎯 Web Listeners	
4 }	🕐 Last Default rule 🚫 Deny	All Traff SBS CompanyWe SBS Web Listener Server Farms	b



3. In the dropdown menu select Exchange 2007 and in the boxes below, select the box for 'Outlook Anywhere'. Do not check the box for additional folders. Click Next.

Microsoft Internet	Security and Acceleration Serv	ver 2006			. 18 ×
Elle Action yiew	Help New Exchange Publishing Rule V	Vizard	×		
Microsoft Internet	Select Services Select the services that you	are publishing on this mail server.		Firewall I	Policy
Firewall Pol Virtual Priv. Configurati Networ	Exchange <u>v</u> ersion:	Exchange Server 2007	-	k Apply.	
- 🍖 Cache	web client mail services:			olbox Tasks Heip	
Add-in:	C Outbook Wet		i i i i i i i i i i i i i i i i i i i	rotocols	0
Troublesho	Outlook Anywhere (BPC	(HTTP(s))		sers	8
	Publish additional fol	ders on the Exchange Server for Outlook 200	17 clients	ontent Types	0
	·		5	chedules	0
	Outbook Mobile Access		h	etwork Objects	0
	Exchange ActiveSync		1	- Edit Delete	
	Last De	< <u>Back</u> <u>Next</u> > sfault rule <u>O</u> Deny	Cancel	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners SBS CompanyWeb SBS Web Listener	4
•	2)			Server Farms	*
🐮 Start 🏾 🏀	Microsoft Internet Se		1	0 8 B @ 2:	21 PM

4. Accept the default for 'single website or load balancer' click next.





5. Accept the default for 'use SSL to connect to the published web server' and click next.

Microsoft Internet	Security and Acceleration Server 2006		10 ×
Elle Action View	Help	1	
 ← → E III [▲ Microsoft Internet → isaserver2006 → Monitoring 	Server Connection Security Choose the type of connections ISA Server will establish with the published Web server or server farm.	Firewall P	olicy
→ Firewall Pol → Virtual Priv- □- ☆ Configurati → Networ	Use 55L to conflect to the published Web server or server Important to the published Web server or server	ick Apply.	
🗞 Cache ⊡ Add-in: 📑 Genera	ISA Server will connect to the published Web server or server farm using HTTPS (recommended).	oolbox Tasks (Help) Protocols	0
Troublesho	Use non-secured connections to connect the published Web server or server farm	Users Content Types	8
	ISA Server will connect to the published Web server or server farm using HTTP.	Schedules Network Objects	0
	When publishing over SSL, an appropriately named SSL server certificate must be installed on the published server, or on each server in the server farm. Help about <u>server connection security</u>		
-	< Back Next > Cancel	One Sets One Sets One Sets Web Listeners S85 CompanyWeb S85 Web Listener Server Farms	+
🌯 Start 🏾 🏀	Microsoft Internet Se	8 3 5 5 2:2	22 PM

6. On the internal site name page enter, 'remote.smallbizco.com' (where remote.smallbizco.com is your public domain name) and click next.

File Action View	esecurary and acceleration Server 2006	-	1613
be account yew ⇒ ⇒ € 💽 1	New Exchange Publishing Rule Wizard		
Microsoft Internet	Internal Publishing Details Specify the internal name of the Exchange site or server you are publishing.	Firewall P	olicy
Firewall Pol	Internal site name: remote.smalbizco.com	ick Apply.	
- de Networ - Cache - Cache	The internal site name is the name of the Web site you are publishing as it appears internally. Typically, this is the name internal users type into their browsers to reach the Web site.	oolbox Tasks (Help)	
Genera	(5AN) on the certificate bound on the Web site that you are publishing.	Protocols	0
Troublesho		Users	8
	where a state of the second	Content Types	0
	IF ISA Server cannot resolve the internal site name, ISA Server can connect using the computer name or IP address of the server hosting the site.	Schedules	0
		Network Objects	0
	Use a computer name or IP address to connect to the published server	v - Edit Delete	
	Computer name or IP address: Browse	Networks Network Sets Computers Computers Computers Computers Computers Computer Sets	*
	< <tr> < Back Next > Cancel Image: Last Default rule Openy All Traff</tr>	Domain Name Sets Web Listeners SBS CompanyWeb SBS Web Listener Server Farms	_



7. On the public domain name enter 'remote.domain.com' (where remote.domain.com is your public domain name) and click next.

Microsoft Internet	Security and Acceleration Server 2006		- 181 ×
Elle Action yiew	Help lew Exchange Publishing Rule Wizard	×	
Microsoft Internet	Public Name Details Specify the public domain name (FQDN) or IP address users will type to reach the published site.	Firewall	Policy
Firewall Pol Virtual Priv Configurati Networ	Accept requests for: This domain name (type below):	ick Apply.	
- Cache - Add-ine	Public name:	oolbox Tasks V Help	-
- 🛅 Genera	Example: www.contoso.com	Protocols	0
Troublesho		Users	8
		Content Types	0
		Schedules	0
		Network Objects	0
		• Edit Delete	
	< <u>Rack</u> <u>Next</u> > <u>Cancel</u>	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners States Stat	
•		Server Farms	-
🏄 Start 🏾 🍎	Microsoft Internet Se	e 🗞 🖒 🗊 2	:24 PM

8. On the web listener page, select your Exchange Web Listener and click next.

File Action View H	telo				-	1912
	ew Exchange Publishing Ru	le Wizard		×	1	
Microsoft Internet	Select Web Listener The Web listener specifi computer listens for inco	es the IP addresses and port on v ming Web requests.	which the ISA Ser	ver	Firewall P	olicy
Firewall Pol	Web listener:		-		di tanhi	
E->> Configurati	SBS Web Listener			Edt	loc Appry.	
- Networ Cache	Listener properties:			New		
Add-inc	Property	Value	<u> </u>	No.T.	ODIDOX V INCO V NED 1	0
General General	Description	External			Protocols	0
- Troublesho	Port(HTTP)	Disabled			Users	8
	Port(HTTPS) Certificate	443 remote smallbizco.com	_		Content Types	C
	Authentication methods	FBA with AD	•		Schedules	0
					Network Objects	9
					/ • Edit Delete	
		< Back	Next >	Cancel	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Ormain Name Sets	
_	€ Last	Default rule 🚫 🛙	eny (All Traff	Web Listeners SBS CompanyWeb SBS Web Listener Server Farms	_
Start 🏀	Microsoft Internet 9	ie			0 8 6 9 2:	24 PM



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He Action View	Help		a linear
	New Exchange Publishing Rule Wizard	4	
Microsoft Internet	Authentication Delegation Authentication delegation is the method ISA Server uses to authenticate the session it opens with the published site.	Firewall P	olicy
- Kirewall Pol Virtual Priv ->>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Select the method used by ISA Server to authorizate to the published Web server:	ick Apply.	
- 👍 Networ - 🍖 Cache	No delegation, but client may authenticate directly	oolbox Tasks Help	
	If the published Web server requests HTTP authentication, ISA Server will pass the	Protocols	Ø
Troublesho	authentication request to the client so that the client can respond to it. ISA Server does not respond on behalf of the user.	Users	8
		Content Types	C
		Schedules	C
		Network Objects	0
		• Edit Delete	
	Help about authentication delegation	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets	
	< Back Next> Cancel ✓ Last Default rule Openy All Traff ✓	Web Listeners SBS CompanyWeb SBS Web Listener Server Farms	_

10. On the user sets page, remove the 'all authenticated users' user set and add the 'All Users' user set and click next.

le Action View	Help		
• → 🗈 💽	New Exchange Publishing Rule Wizard	×	
Microsoft Internet	User Sets You can apply the rule to requests from all users. Or, you can limit access to specific user sets.	Firewall F	Policy
Firewall Po Virtual Priv Configurat Nature	This rule applies to requests from the following user sets:	ick Apply.	
- the Cache	Edit	oolbox Tasks Help	
General Troublesho	Remove	Protocols	8
		Content Types	8
		Schedules	Ø
		Network Objects	0
		· • Edit Delete	
	< Back Next > Cancel	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets	
	Last Default rule ODeny & All Traff	Web Listeners SBS CompanyWeb SBS Web Listener SBS Web Listener Server Farms	

SMALLBIZSERVER frequently asked questions

Microsoft Intern	t Security and Acceleration Server 2006	_8
Elle Action View	Heb	
← → È It Microsoft Internet isaserver2006	User Sets You can apply the rule to requests from all users. Or, you can limit access to specific user sets.	Firewall Policy
Firewall Pro Virtual Priv Configurat Add-in Genery Troublesho	This rule applies to requests from the following user sets: Add Users User sets: New Edit Delate All Authenticated U All Users System and Network	sers tk Service
	< <pre> < Back Next > </pre> <pre></pre>	dose





11. Acknowledge the warning regarding authentication by clicking OK.

Microsoft Interne	Security and Acceleration Server 2006			_ 8 ×
Elle Action View	Beb New Exchange Publishing Rule Wizard	×		
Microsoft Internet isaserver2006 Monitoring	User Sets You can apply the rule to requests from all users. Or, you can limit access to specific user sets.		Firewa	ll Policy
Firewall Pol Virtual Priv- E-St Configurati	This rule applies to requests from the following user sets:	de /	Apply.	
- the Cache	Charusers generation		box Tasks Help	1
Add-ine	Edt Microsoft Internet Security and Acceleration Server 2006	×	bcols	0
Troublesho	The Web Internet colorted for this to be consider with estimation. However, wh	in the All	5	8
	Users user set is selected for a rule, authentication is not performed. To appl	y y	ent Types	0
	authentication to this rule using this configuration, select the Require all user authenticate check box in the Web listener Advanced Authentications dialog	s to box.	dules	0
	Click OK to continue, or Cancel to change your selection.		ork Objects	0
	OK Cancel		dit Delete	
			Jetworks	-
	< Back. Next > Cancel		Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners	
· ا	Last Default rule S Deny All Traff		SBS CompanyWel SBS Web Listener Server Farms	×
🐮 Start 🏾 🏀	Microsoft Internet Securia.		****	2:29 PM

12. Review and test your rule settings and click Finish.

Microsoft Interne	t Security and Acceleration 5	erver 2006		161 ×
Elle Action View	Help New Exchange Publishing Rul	le Wizard	4	
Microsoft Internet isaserver2006 Monitoring Firewall Pol Virtual Priv. Configurati	Microsoft Internet Security & Acceleration Server 2006	Completing the New Exchange Publishing Rule Wizard You have successfully completed the New Exchange Publishing Rule Wizard. The new Exchange Publishing Rule will have the following configuration:	Firewall P Ick Apply.	olicy
Cache Genera Genera Troublesho		Name: SBS RWW RPC Web Publishing Rule Publishing Type Publish a single Web site. Connect the published Web server using HTTPS Yes Site: remote.smallbizco.com	oolbox Tasis Hep Protocols Users Content Types Schedules Network Objects > • Edt., Delete	00000
	Test Rule	To close the wizard, click Finish.	Networks Network Sets Computers Address Ranges Subnets Computer Sets URL Sets Domain Name Sets Web Listeners	
<u> • </u>]	€ Last	Default rule 🚫 Deny 🖳 All Traff 🚽	SBS CompanyWeb SBS Web Listener Server Farms	



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SMALLE frequently asked questions

13. We will move this rule below the RWW Web Publishing Rule, right click the RWW RPC Web Publishing rule and click Move Down.



Microsoft Internet Security and Acceleration Server 2006 _ 8 × Ele Action Yew Help (= → 🗈 🔃 🕄 🖬 🔄 🖓 🚰 🗙 🛞 🚱 🔹 🔹 😣 🍰 Microsoft Internet Security and nternet Security & Acceleration Server 2006 😑 🤯 isaserver2006 **Firewall Policy** Monitoring Virtual Private Networks Apply Discard To save changes and update the configuration, dick Apply. E ->> Configuration 👍 Networks Cache Add-ins **Firewall Policy** Order - Name Action Protocols From / Listene + General SBS SMTP Server Publishing Rule SMTP Server C Allow SMTP Server External 0.1 Troubleshooting 12 SBS SMTP Outbound Access Rule Allow SMTP sbs2008see 1 3 SBS FTP Access Rule S Allow FTP 📥 Internal 8 7 4 Allow HTTP HTTPS SBS Internet Access Rule 👍 Internal 35 SBS RWW Web Publishing Rule Allow HTTPS S85 Web Li .6 S85 Web L SBS RWW RPC Web Publishing Rule Allow **LE HTTPS** 7 😓 SBS Exchange Active Sync Web Publishin Allow **MHTTPS** S85 Web Li ile. SBS Outlook Anywhere Web Publishing Rule Allow **N**HTTPS 🕫 S85 Web Li .9 SBS OWA Web Publishing Rule Allow HTTPS 🗊 SBS Web Li HTTP E 🛛 10 SBS Server Web Traffic sbs2008ser Allow 11 S Allow DNS SB5 - DN5 Out 📃 sbs2008sei 🕶 4 . + Done 🐮 Start 🏾 🏉 🔲 Microsoft Internet Se... 🥴 🏷 🚺 2:32 PM

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SMALLE frequently asked questions

14. We also need to make another small change to both the RWW rules we have created. Right click one of the rules and go to properties.





15. Go to the 'To' Tab.

	SBS RWW Web Publishing Rule Properties	? ×	
Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy Virtual Private Networks Configuration	Bridging Users Schedule Link Translation Authentication Delegation Application Settings Application Settings General Action From To Traffic Listener Public Name Public Na	aths h, dick Apply.	Firewall Pole
- to Cache 	Computer name or IP address (required if the internal site name is different c not resolvable):	or Protocols	From (Listene
General	Browse	1 SMTP Server	External
		SMTP	sbs2008see
	 Forward the original host header instead of the actual one (specified in the Internal site name field) 	R FTP	👍 Internal
	E Help about host headers	HITP	👍 Internal
	 Proxy requests to published site Specify how the frameling regimes to the published conver- 	HTTPS	SBS Web Li
	Specily now the memail provies requests to the published server.	HTTPS	🗊 585 Web Li
	Bequests appear to come from the ISA Server computer	RHTTPS	S85 Web Li
		RHTTPS	585 Web Li
	 Hequests appear to come nom the original Gient 	RHTTPS	S85 Web Li
	Help about request forwarding	HTTP	sbs2008sei
	Test Rule OK Cancel Apple	DNS	sbs2008ser

16. Select the radio button next to 'requests appear to come from the original client' then click Ok

	SBS RWW Web Publishing Rule Properties	<u>? x</u>		
Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy Virtual Private Networks	Bridging Users Schedule Link Authentication Delegation Application General Action From To Traffic Listener Public This rule acrolles to this or bitched ter	CTranslation Settings Name Paths		Firewall Policy
Configuration	remote smallbizco.com		h, dick Apply.	
-Cache -Cache -Cache -Cache -Cache -Cache -Cache	Computer name or IP address (required if the internal site name c not resolvable):	is different or	Protocols	From / Listene 🔺
Troubleshooting		Browse	SMTP Server	External
		(maximum line)	SMTP	sbs2008ser
	 Environmentation in the internal site name field) 	(specsed in	FTP	👍 Internal
	E Help about host headers		HTTP HTTPS	🕁 Internal
	 Proxy requests to published site Creatly how the framel proving requests to the published as 	nuer -	HTTPS	S85 Web Li
	Specily now the inevial proves requests to the published se	avea,	HTTPS	🕫 S85 Web Li
	C Requests appear to come to una ISA Server computer	6	HTTPS	🗊 S8S Web Li
	C Descents second to come from the scienced shad		HTTPS	🕫 585 Web Li
	. Prequests appear to come institute original Grent		R HTTPS	🗊 SBS Web Li
	Help about tequest forwarding		HTTP HTTPS	sbs2008ser
	Test Rule OK Cancel	Apply	DNS	📑 sbs2008sei 🕶



17. Repeat this process for the other rule. Right click the rule, go to properties.

⊳ → 🗈 💽 🔮 🖸 🖄	1 a a >	() 😌 🔹 🔹 🕘 🐊			
Microsoft Internet Security and Sisaserver2006 Monitoring Virtual Policy Virtual Private Networks Configuration Networks Coche	Microsoft Intern Accele Standard I	et Security & eration Server 2006 Apply Discard To save changes and u	update the configu	ration, dick Apply.	Firewall Policy
	Firewall	Policy			
Add-ins	Order -	Name	Action	Protocols	From / Listene -
Troubleshooting	0 1	SBS SMTP Server Publishing Rule SMTP Server	S Allow	SMTP Server	External
	2	SBS SMTP Outbound Access Rule	S Allow	SMTP	sbs2008ser
	9 3	SBS FTP Access Rule	S Allow	FTP	👍 Internal
	8 ? 4	SBS Internet Access Rule	Allow		🕹 Internal
	e	SBS RWW Web Publishing Rule	Milow	W HTTPS	🗊 S8S Web Li
	2 6	SBS RWW RPC Web Publishing Rule	Allow	Provide State	585 Web Li
	0 97	SBS Exchange Active Sync Web Publishing Rule	Milow	Delete	85 Web Li
	8	SBS Outlook Anywhere Web Publishing Rule	S Allow	Сору	85 Web Li
	9	SBS OWA Web Publishing Rule	S Allow	Export Selected	85 Web Li
	8 💽 10	SBS Server Web Traffic	Mole Service	Import to Selected	bs2008ser
	100			Move Down	
	11	SBS – DNS Out	Allow	Disable	bs2008ser V
	1			Configure HTTP	

18. Go to the 'To' Tab.





19. Select the radio button next to 'requests appear to come from the original client' then click Ok

	SBS RWW RPC Web Publishing Rule Properties ? ×		
Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy	Bridging Users Schedule Link Translation Authentication Delegation Application Settings General Action From To Traffic Listener Public Name Paths		Firewall Policy
Virtual Private Networks	This rule applies to this published site:	, dick Apply.	
E-30 Configuration	remote smallbizco.com		
- 🍖 Cache	Computer name or IP address (sequired if the internal site name is different or		
Add-ins	c not resolvable):	Protocols	From / Listene -
Troubleshooting	Browse	SMTP Server	External
	Environt the printed hast bender instead of the patient are (constitution	SMTP	sbs2008sei
	 Toward the original host header instead of the actual one (specified in the internal site name field) 	FTP	👍 Internal
	Help about host headers	HTTP HTTPS	🕹 Internal
	Proxy requests to published site	HTTPS	🗊 S8S Web Li
	Specify now the firewail proxies requests to the published server.	HTTPS	S85 Web Li
	C Bequests appear to come from the SA Server computer	HTTPS	S85 Web Li
	Requests annex to come from the original client	HTTPS	🗊 S85 Web Li
	 Tredness abbear to come nom the original Sterili 	HTTPS	🗊 S8S Web Li
	Help about request forwarding	HTTP HTTPS	sbs2008ser
1 1	Test Rule OK Cancel Apply	2 DNS	sbs2008ser 🕶

20. Click Apply to save your changes to the firewall policy.

ile Action Yew Help					
• • 🗈 💽 🔮 🗉 🖻	1-0 3 3	× • • • • • •			
Microsoft Internet Security and Isaserver2006 Monitoring Firewal Policy Virtual Private Networks Configuration Networks Cache Add-ins General Troubleshooting	Microsoft: Internet Security & Acceleration Server 2006 Standard Editor Apply Discard To save changes and update the configuration, dick Apply.				Firewall Policy
	Firewall	Policy	-	large and	Lannara
	Order -	Name	Action	Protocols	From / Listene A
		SBS SMTP Server Publishing Rule SMTP Server	Allow	Smir Server	External
	2	SBS SMTP Outbound Access Rule	Allow	SMTP	sbs2008sei
	13	SBS FTP Access Rule	S Allow	FTP	👍 Internal
	8 ? 4	SBS Internet Access Rule	Milow 🚫	HTTP	👍 Internal
	e .]5	SBS RWW Web Publishing Rule	Allow	R HTTPS	🗊 S8S Web Li
	2,6	SBS RWW RPC Web Publishing Rule	Allow	U HTTPS	🗊 S8S Web Li
	0 7	SBS Exchange Active Sync Web Publishing Rule	S Allow	MTTPS	🗊 SBS Web Li
		SBS Outlook Anywhere Web Publishing Rule	S Allow	MITTPS	🗊 585 Web Li
	.9	SBS OWA Web Publishing Rule	S Allow	MTTPS	🗊 SBS Web Li
	🖃 🍞 10	SBS Server Web Traffic	Milow 📀		sbs2008ser
	11	SBS – DNS Out	S Allow		sbs2008ser ▶



21. You can now apply your settings and from a remote computer access https://remote.smallbizco.com/remote to access your Remote Web Workplace.


Creating a Web Publishing Rule For CompanyWeb

To publish your CompanyWeb site, we must create a new Sharepoint Publishing Rule.

1. Right click the Firewall Policy, and click new > Sharepoint Publishing Rule.





2. Enter a name for your rule, I am using SBS CompanyWeb Web Publishing Rule, click Next.

Elle Action y New SharePoint Publishing R	ule Wizard	×	
Herosoft Inte Saserverz Monitc Frews Frews	Welcome to the SharePoint Publishing Rule Wizard		Firewall Policy
E - SA Config - SA Ne - Sa Ce	This wizard helps you publish one or more SharePoint	Protocols	From / Listene 🔺
	SRC5.	SMTP	sbs2008ser
Troubl	SharePoint publishing rule name:	FTP	👍 Internal
	SBS CompanyWeb Web Publishing Rule	HTTP HTTPS	去 Internal
	To continue click Next	U HTTPS	🗊 SBS Web Li
	To contrained, short income	W HTTPS	🗊 S8S Web Li
		U HTTPS	😡 SBS Web Li
		IN HTTPS	🗊 SBS Web Li
		W HTTPS	😡 SBS Web Li
			📕 sbs2008sei
	< Back Next > Cancel	DNS	📕 sbs2008ser
T Last	Default rule 🚫 Deny	All Traffic	🚖 All Network
<u> </u>			Ŀ
have the	12		

3. Accept the default to publish a single web site or load balancer. Click Next.

🏧 Microsoft Inte	met Security and Acceleration Server 2006		_181 ×
Elle Action Y	New SharePoint Publishing Rule Wizard	X	
	Publishing Type Select if this rule will publish a single Web site or external load balancer, a Web server farm, or multiple Web sites.		
Monito Firewa	Publish a single Web site or load balancer		Firewall Policy
E-S Config	several servers.	Protocols	From / Listene +
-to ce	Help about publishing a single Web site or load balancer	SMTP Server	External
AC	Carry C. M. M. M.	N SMTP	sbs2008sei
Troubl	 Publish a server tarm of load balanced Web servers 	E FTP	👍 Internal
	Use this option to have ISA Server load balance requests between a server farm (mirrored servers).	HTTP HTTPS	去 Internal
	Help about <u>publishing server farms</u>	M HTTPS	🗊 SBS Web Li
	C Publish multiple Web sites	UN HTTPS	585 Web Li
	Use this option to publish more than one Web site. A new rule will be created for each site published.	R HTTPS	585 Web Li
	Help about publishing multiple Web sites	M HTTPS	585 Web Li
		R HTTPS	585 Web Li
	/	HTTP HTTPS	sbs2008sei
	< Back Next > Cancel	DNS	sbs2008set
	Last Default rule ODeny	All Traffic	🚖 All Network
•1			
	() () () () () () () () () ()		-
Start 6	Microsoft Internet Se		2:41 PM



4. Change the setting to connect to the published web site using secure connections. And click Next.

Elle Action V	ew SharePoint Publishing Rule Wizard	×	
← → 🗈 🖬	Server Connection Security Choose the type of connections ISA Server will establish with the published Web server or server farm.	1	
isaserver2	Use SSL to connect to the published Web server or server Farm	i —	Firewall Policy
E-20 Conhig	ISA Server will connect to the published Web server or server farm using HTTPS (recommended).	Protocols	From / Listene 🔺
- to Ce		SMTP Server	External
- Ge	C Use non-secured connections to connect the published	- MTP	📑 sbs2008sei
Troubl	Web server or server farm	FTP	👍 Internal
	ISA Server will connect to the published Web server or server farm using HTTP.		去 Internal
		R HTTPS	🗊 SBS Web Li
	When publishing over SSL, an appropriately named SSL server certificate must be	I II HTTPS	SBS Web Li
	Inscaled on the public server, or on equitiserver in the server rain.	R HTTPS	SBS Web Li
		M HTTPS	🗊 SBS Web Li
	Help about server connection security	MANTERS	😡 SBS Web Li
-	¥		sbs2008sei
	< Back Next > Cance	DNS	📕 sbs2008ser
-	🚺 Last Default rule 🚫 Deny	All Traffic	🚖 All Network
•	<u>.</u>		
and a			
Start 6	microsoic internet se	C C	2142 PM

5. On the internal site name page enter, 'remote.domain.com' (where remote.smallbizco.com is your public domain name) and click next





6. On the public domain name enter 'remote.domain.com' (where remote.domain.com is your public domain name) and click next

Microsoft Inter	net Security and Acceleratio	n Server 2006		4	_ 8
Elle Action Y	ew SharePoint Publishing Ru	le Wizard	×		
← → È II Microsoft Inte	Public Name Details Specify the public domain published site.	name (FQDN) or IP address users will type to reach the			
Monitc		-			Firewall Policy
Firewa	Accept requests for:	This domain name (type below):	-		
E-3 Config	Only requests for this public na	me or IP address will be forwarded to the published site.			
	Public name:	Fremote smallhizco.com	-	Protocols	From / Listene A
5.2 67	r gone ritante.	Example: www.contoso.com		SMTP Server	External
- 🗋 Ge				SMTP SMTP	🔜 sbs2008sei
Troubl				E FTP	👍 Internal
					📥 Internal
				U HTTPS	😡 SBS Web Li
				M HTTPS	585 Web Li
				W HTTPS	😡 SBS Web Li
		1221		M HTTPS	🗊 S85 Web Li
				W HTTPS	😡 SBS Web Li
-				HTTP HTTPS	📕 sbs2008sei
		< Back Next > C	ancel	R DNS	📕 sbs2008set
-	Last D	etault rule 🚫 Den	Y	All Traffic	🚖 All Network
·	20		-		
Start 6	Microsoft Interne	t Se		0	2:43 PM

7. On the Web Listener page, choose the SBS CompanyWeb Web Listener, and click Next.

Microsoft Inter	net Security and Acceleral	Uon Server 2006			_ 8 ×
Elle Action Y	ew SharePoint Publishing I	Rule Wizard		×	
← → E I	Select Web Listener The Web listener specif computer listens for inc	ies the IP addresses and port on wh oming Web requests.	ch the ISA Server		
Monito	Web listener:	1			Firewall Policy
- Virtual	SB5 CompanyWeb		▼ Edit		
E-32 Config	Listener properties:		New	Protocols	From / Listens +
- 🗞 Ci	Property	Value		SMTP Server	External
Ac Ge	Networks	External		MI SMTP	sbs2008sei
Troubl	Port(HTTP5)	987		FTP	👍 Internal
	Authentication methods	remote.smallbizco.com FBA with AD	-		📥 Internal
				W HTTPS	🗊 SBS Web Li
				UL HTTPS	585 Web Li
				I HTTPS	🗊 SBS Web Li
				IN HTTPS	🗊 SBS Web Li
				I HTTPS	🗊 SBS Web Li
-			*	ALL HITP	📑 sbs2008sei
		< Back	Next > Can	el 🖳 DNS	📑 sbs2008set
	Last	Default rule	O Deny	All Traffic	🚖 All Network
•	<u>, i</u>			1	
🐮 Start 🏾 🏀	Microsoft Inter	net Se		e	3 0 2:44 PM



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frequently asked questions

9. In the Sharepoint AAM page, choose AAM has already been configured, and click Next.





10. Accept the default 'All Authenticated Users' and click Next.

🐸 Microsoft Inter	net Security and Acceleration Server 2006		4	_ 8 ×
Elle Action V	ew SharePoint Publishing Rule Wizard	×		
← → È I Microsoft Inte	User Sets You can apply the rule to requests from all users. Or, you can limit access specific user sets.	i to		5 - 10 L
Monitc Firewa	This rule applies to requests from the following user sets:			HIPEWAII POIICY
E-38 Confic	All Authenticated Users	<u>A</u> dd		
Ne Ne		Editar	Protocols	From / Listene +
- to 60			SMTP Server	External
- 🗋 Ge		Remove	SMTP SMTP	📑 sbs2008ser
Troubl			E FTP	👍 Internal
			ATTH 👯 MTTPS	去 Internal
			U HTTPS	SBS Web Li
			UNHTTPS	SBS Web Li
			UN HITPS	🗊 SBS Web Li
			M HTTPS	🗊 SBS Web Li
			U HTTPS	😡 SBS Web Li
-	/	1	HTTP HTTPS	sbs2008sei
	< Back Next >	Cancel	R DNS	sbs2008ser
	T Last Default rule	O Deny	All Traffic	🚖, All Network
•	<u> </u>			2
		1		
🛃 Start 🄏	🖾 Microsoft Internet Se		0	3 🔂 🕢 2:45 PM

11. Clicking Test Rule to test your rule, will result in failure. We must change some more settings for this to work. Click Close on the test results and click Finish to return to the firewall policy.

Microsoft Intel	Web Publishing Rule Test Results	× ,		_1813	×
Ele Action ¥	Isaserver2006.smalbizco.local Isaserver2006.smalbizco.com Intps://remote.smalbizco.com:443/_style.in/ https://remote.smalbizco.com:443/_vti_pin/ https://remote.smalbizco.com:443/_vti_pin/ https://remote.smalbizco.com:443/_vti_pin/ https://remote.smalbizco.com:443/_vti_pin/ https://remote.smalbizco.com:443/_vti_pin/ https://remote.smalbizco.com:443/_vti_pin/			Firewall Policy	
E 🔆 Config		Pro	tocols	From / Listene *	
- 🗞 દર		Q.	MTP Server	External	
- AC	N 1	Q2 :	MTP	sbs2008sei	
Troubl		D.	TP	👍 Internal	
			ITTP ITTPS	📥 Internal	
	Test completed	120	ITTPS	🗊 SBS Web Li	
		1. DOI:	ITTPS	S8S Web Li	K
	The test completed running on this ISA Server computer. Errors were detected. To view	- 12	ITTPS	SBS Web Li	U
	error details, select the nodes for which errors were detected.	D.	ITTPS	🗊 S8S Web Li	
		U.	ITTPS	😡 SBS Web Li	
-	<u>∠</u>	- 8	ITTP ITTPS	📕 sbs2008sei	
	Store Close	- 120	ws	📕 sbs2008set	
-		- 1 <u>0</u> ,	ul Traffic	🚖 All Network	
•	<u> </u>			Ľ	
	[- N			
Start 8	Microsoft Internet Se		8	2:46 PM	



12. Right click your SBS CompanyWeb Publishing rule, and click Properties.

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Microsoft Internet Security and isaserver2006 Monitoring 	Microsoft Intern Accele Standard	et Security & eration Server 2006 failour Apply Discard To save changes and u	pdate the config	uration, dick Apply.	Firewall Polic
- de Networks - de Cache	/ Firewall	Policy			
Add-ins	Order -	Name	Action	Protocols	From / Listene
Troubleshooting	01	SBS SMTP Server Publishing Rule SMTP Server	S Allow	SMTP Server	External
	2	SBS SMTP Outbound Access Rule	S Allow	MTP SMTP	sbs2008ser
	73	SBS FTP Access Rule	S Allow	FTP	👍 Internal
	8 ? 4	SBS Internet Access Rule	Allow		👍 Internal
	e ^[] 5	SBS RWW Web Publishing Rule	Allow	REAL PROVIDE	🗊 S8S Web Li
	2 ¹⁶	SBS CompanyWeb Web Publishing Rule	Allow	Contraction of the second	585 Compa
	0 97	SBS RWW RPC Web Publishing Rule	Allow	Delete	S8S Web Li
		SBS Exchange Active Sync Web Publishing Rule	Allow	Сору	S85 Web Li
		SBS Outlook Anywhere Web Publishing Rule	Mallow State	Export Selected	S85 Web Li
	10	SBS OWA Web Publishing Rule	@ Allow	Import to Selected	S85 Web Li
	B 💽 11	SBS Server Web Traffic	S Allow	Move Down Move Up	sbs2008ser
<u>*</u>	<u> </u>			Disable	<u> </u>

13. Go to the Bridging tab. Change the value 443 to 987 and click Apply. Now you can click Test Rule, and you will see the tests complete successfully. Click Ok and click Apply to save your firewall configuration.

	SBS CompanyWeb Web Publishing Rule Properties		
Microsoft Internet Security and isaserver2006 Monitoring Virtual Policy	Authentication Delegation Application Settings General Action From To Traffic Listener Public Name Paths Bildging Users Schedule Link Translation		Firewall Polis
E - Configuration	used for redirecting incoming requests.	, dick Apply.	
- Cache	✓	2	
Add-ins	When one checkbox is selected, all traffic is routed through that port.	Protocols	From / Listene
Troubleshooting	corresponding protocol and port.	SMTP Server	External
		SMTP	sbs2008see
	□ Redirect requests to HTTP port. [80]	FTP	👍 Internal
	G IF Redirect requests to <u>S</u> SL port. 987	HTTP	👍 Internal
	 Use a certificate to authenticate to the Ssumed server 	NHTTPS	S85 Web Li
	Selegt.	HTTPS	SBS Compa
	C FTP server	HTTPS	S85 Web Li
	Use this port when redirecting FTP requests:	HTTPS	585 Web Li
		RHTTPS	🗊 SBS Web Li
	Link translation is not applied to rules publishing an FTP server	HTTPS	🗊 S85 Web Li
	Test Rule OK Cancel Apply	HTTP HTTPS	📕 sbs2008sei
		Renties .	



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SMALLB frequently asked questions

You will now be able to access the CompanyWeb site externally by navigating to https://remote.domain.com:987. You will also be able to login to the CompanyWeb site by first entering the Remote Web Workplace.



Configuring URL Redirection for Remote Web Workplace and CompanyWeb

When not using ISA Server, accessing https://remote.domain.com would automatically redirect you to the /remote page and you would be prompted to login to the RWW. With ISA Server this does not work. Unless you enter the specific path of the resource that is published, ISA will tell you to go away. Well, we don't have to leave it that way and we can use ISA to redirect us to the correct pages.

1. Make sure you have selected the rule in the firewall policy directly below your last web publishing rule, in the example screen shot below this is the SBS FTP rule, depending on your rule order it may be something different. It is important to make sure our redirection rules are below any other rule that is publishing a resource.



2. Right click your RWW publishing rule, and click Copy.



3. Right click a rule in the Firewall Policy and click Paste. You may need to adjust the positioning of this rule, you can do this by right clicking it and clicking Move Up or Move Down as required.

		X 🕂 😌 🔹 🔹 💽 🧟			
isaserver2006 Monitoring Firewall Policy	nterne Accelei andard Ed	t Security & ration Server 2006			Firewall Policy
Configuration	ewall P	olicy			
- A Networks Orde	ar 🗠	Name	Action	Protocols	From / Listene *
- Cache	1	SBS SMTP Server Publishing Rule SMTP Serve	er 🥝 Allow	SMTP Server	External
- 🗋 General	2	SBS SMTP Outbound Access Rule	Sallow Sallow	SMTP	📑 sbs2008sei
Troubleshooting	3	SBS FTP Access Rule	S Allow	FTP FTP	👍 Internal
8 [4	SBS Internet Access Rule	Sallow Sallow		📥 Internal
8	J 5	SBS RWW Web Publishing Rule	Allow	W HTTPS	😡 SBS Web Li
	6	SBS CompanyWeb Web Publishing Rule	Properties	HITPS	SBS Compa
	7	SB5 RWW RPC Web Publishing Rule	Delete	HTTPS	SBS Web Li
	38	SBS Exchange Active Sync Web Publishing	Copy	HTTPS	🗊 SBS Web Li
8	9	SBS Outlook Anywhere Web Publishing Ru	Paste	HTTPS	🗊 SBS Web Li
	10	SBS OWA Web Publishing Rule	Export Selected	HTTPS	🗊 SBS Web Li
8	11	SBS Server Web Traffic	Move Down	HTTP	sbs2008ser
	12	SBS - DNS Out	Disable	DNS	sbs2008see
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Microsoft Internet Security and isaserver2006 Monitoring 	Microsoft Internet Security & Acceleration Server 2006 Standard Editor Apply Discard To save changes and the	update the configu	iration, dick Apply.	Firewall Poli
- Cache	Firewall Policy			
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	6 SBS CompanyWeb Web Publishing Rule	S Allow	HTTPS	58S Compa
	9 SBS RWW RPC Web Publishing Rule	S Allow	U HTTPS	🗊 SBS Web Li
	9 8 SBS Exchange Active Sync Web Publishing Rule	S Allow	I HTTPS	🗊 SBS Web Li
	9 SBS Outlook Anywhere Web Publishing Rule	S Allow	U HTTPS	🗊 SBS Web Li
	🚽 10 SBS OWA Web Publishing Rule 🛛 🏑	S Allow	M HTTPS	🗊 SBS Web Li
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	🖻 🚺 12 SBS Server Web Traffic	Mllow 📀		📑 sbs2008ser
	13 SBS - DNS Out	S Allow	L ONS	sbs2008ser
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	Firewall P	olicy			
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	2.7	SBS RWW RPC Web Publishing Rule	Mow Stow	I HTTPS	585 Web Li
	8	SBS Exchange Active Sync Web Publishing Rule	Allow	M HTTPS	385 Web Li
	e.]] 9	SBS Outlook Anywhere Web Publishing Rule	S Allow	U HTTPS	🗊 SBS Web Li
	10	SBS OWA Web Publishing Rule	Mow Select	I II HTTPS	🕫 SBS Web Li
	11	SBS RWW Web Publishing Rule(1)	S Allow	Properties	S8S Web L
	8 🕐 12	SBS Server Web Traffic	Allow	Delete	sbs2008ser
				Сору	
	9 13	SBS – DNS Out	Allow	Paste	sbs2008ser
	🕐 Last	Default rule	O Deny	Export Selected Import to Selected	All Network
serties.	•			Move Do <u>w</u> n Move <u>U</u> p Disable	-1
Start (2)	acal later	not Ex		Configure HTTP	- 201 M

5. On the General tab we can rename the rule, I am calling my rule SBS Remote Web Workplace URL Redirect.

Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy	Bridging Authentication General Action Fr	Users Schedule Link Tr Delegation Application Se om To Traffic Listener Public N.	anslation ttings ame Paths	Firewall Polis
Virtual Private Networ Configuration Configuration	ks	SBS Remote Web Workplace URL	Redirect	
		1	Protocols	From / Listene
Troubleshooting	Optional):		U HTTPS	🗊 SBS Web Li
			MHTTPS	🗊 SBS Compa
	Type:	Web Publishing Rule	M HTTPS	🗊 SBS Web Li
	Evaluation order:	11 of 14 rules	R HTTPS	🗊 SBS Web Li
			R HTTPS	🗊 SBS Web Li
			A HTTPS	🗊 SBS Web Li
			HTTPS	SBS Web Li
	6		И НТТР И НТТР5	📑 sbs2008sei
			2 DNS	📑 sbs2008ser
			All Traffic	🚖 All Network



 Go to the action tab, and change the action from Allow, to Deny. Tick the box to Redirect HTTP requests, and fill in the URL in the box – <u>https://remote.smallbizco.com/remote</u>

Ele Action Yew Help Image: Security and Security an	x	Firewall Policy
Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy Virtual Private Networks Configuration Networks General Action to take: Action to take: Configuration General Configuration Config	1, dick Apply.	Firewall Policy
Allow Aldd-ins	Protocols	
Troubleshooting	HITPS	From / Listent ▲
Test Rule OK Cancel Apply	All Traffic	All Network

7. Switch to the Paths tab.

	585	RWW Web Publishing	Rule(1) Properties	<u>? ×</u>		
isoserver2006 Monitoring Firewall Policy Victual Policy	G	Bridging User Authentication Dele eneral Action From	s Schedule gation Appli To Traffic Listener	Link Translation cation Settings Public Name Paths		Firewall Poli
Configuration	7	This rule applies to require forwarding a request. IS it to the corresponding it to the corresponding it is a specific to the corresponding it is	ests for these external paths. A Server modifies the externa nternal path on the Web serv	Before al path and maps et.	h, dick Apply.	
Add-ins	c	External Path	Internal Path	Add	Protocols	From / Listene
Troubleshooting		<same as="" internab<="" td=""><td>/remote/*</td><td></td><td>HTTPS</td><td>🗊 SBS Web Li</td></same>	/remote/*		HTTPS	🗊 SBS Web Li
-				Equ.	HTTPS	585 Compa
				Benove	HTTPS	🗊 SBS Web Li
					HTTPS	585 Web Li
					HTTPS	585 Web Li
					HTTPS	585 Web Li
	π	The second second second			HTTPS	SBS Web Li
	6	Paths must be distinct for another path. This is tru	om each other. A path canno e for external and internal pat	t be a pretix of hs.	HTTP HTTPS	sbs2008ser
		paths.	/pano/ are district externa	and internal	2 DNS	sbs2008ser
					🛃 All Traffic	🚖 All Network
		Test Rule	OK. Can	el <u>Apply</u>		
1 1	4					



8. We need to edit the path that is used by this rule. Select the path in the list, and click Edit. Remote /remote/* from the internal site name field and leave a single / (forward slash) click Ok. Click OK to close the rule properties page.

Microsoft Internet Security	and Acceleration Server 2006			_181)
Elle Action Yew Help	SRS PWW Web Publishing Publishing	7 X	1	
Microsoft Internet Security and isaserver2006 Firewall Policy Virtual Private Networks Configuration Networks Cache Add-ins General Troubleshooting	Path mapping Specify the folder on the Web site that you want to publish publish the entire Web site, leave this field blank.	To ss	1, dick Apply.	Firewall Policy
	Examples: /mypath, /mypath/* External Path: Same as published folder The following folder (remote/* OK C	ancel	Protocols MHTTPS HTTPS HTTPS HTTPS HTTPS HTTPS	From / Listene A
	Paths must be distinct from each other. A path cannot be a another path. This is true for external and internal paths. Example: /pathA/* and /path8/* are distinct external and in paths.	prefix of	HITPS HITPS HITP HITPS UNS	SBS Web Li SBS Web Li sbs2008see sbs2008see
Vone	Test Rule OK Cancel		All Traffic	All Network

9. Your new URL redirection rule is now shown. Right click this rule and click copy, right click it again and click Paste.

➡ € € 2 € 2 Microsoft Internet Security and	Microsoft	(*) (*) * * (*)	_	_		
Virtual Private Networks	Intern Accele Standard I	er Security & eration Server 2006 differ Apply Discard To save changes and u	ipdate the config	uration, dick Apply.	Firewall Poli	
	Firewall Policy					
Add-ins	Order -	Name	Action	Protocols	From / Listene	
Troubleshooting	e	SBS RWW Web Publishing Rule	S Allow	U HTTPS	🗊 SBS Web Li	
	6	SBS CompanyWeb Web Publishing Rule	Mow Steve	I II HTTPS	🗊 SBS Compa	
	2.7	SBS RWW RPC Web Publishing Rule	WollA 🚫	NTTPS	🗊 S8S Web Li	
	8	SBS Exchange Active Sync Web Publishing Rule	Allow	I II HTTPS	🗊 S8S Web Li	
	9	SBS Outlook Anywhere Web Publishing Rule	WollA 🕑	R HTTPS	🗊 SBS Web Li	
	10	SBS OWA Web Publishing Rule	Mlow 🚫	I II HTTPS	🗊 S8S Web Li	
	E1 1	SBS Remote Web Workplace URL Redirect	S Deny	Despection	BS Web L	
	8 🕐 12	SBS Server Web Traffic	Allow	Relete	ps2008ser	
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	9 13	SBS - DNS Out	S Allow	Export Selected	ps2008sei	
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	6	SBS CompanyWeb Web Publishing Rule	Allow	MATTPS	🗊 SBS Compa
	7 50	SBS RWW RPC Web Publishing Rule	S Allow	MITTPS	🗊 S8S Web Li
	8	SBS Exchange Active Sync Web Publishing Rule	Allow	MITTPS	🗊 S8S Web Li
	9	SBS Outlook Anywhere Web Publishing Rule	wollA 🚫	N HTTPS	🗊 S8S Web Li
	2 10	SBS OWA Web Publishing Rule	Allow 😒	INTERS	🗊 S8S Web Li
	2 ∎11	SBS Remote Web Workplace URL Redirect	S Deny	Properties	585 Web L
	8 🕐 12	SBS Server Web Traffic	Allow	Delete	sbs2008ser
	13	SBS - DNS Out	Allow	Copy Paste	sbs2008sei
	🕐 Last	Default rule	O Deny	Export Selected	All Network
() >	<u>.</u>			Move Down Move Lyp Disable	1

10. Again the rule is displayed with (1) at the end. Right click this rule and go to properties.

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Microsoft Internet Security and isaserver2006 Monitoring Virtual Policy Virtual Private Networks Configuration	Microsoft Interni Accele Standard E	et Security & ration Server 2006 soor pply Discard To save changes and u	pdate the config	uration, dick Apply.	Firewall Policy
- 👍 Networks - 🍖 Cache	Firewall F	Policy			
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Troubleshooting	9 96	SBS CompanyWeb Web Publishing Rule	WollA 📀	R HTTPS	🗊 SBS Compa
	7 5	SBS RWW RPC Web Publishing Rule	Mow Selection	INTERS	🗊 SBS Web Li
	8,0	SBS Exchange Active Sync Web Publishing Rule	WollA 🚫	MATTPS	🗊 SBS Web Li
	9	SBS Outlook Anywhere Web Publishing Rule	Allow	W HTTPS	385 Web Li
	10	SBS OWA Web Publishing Rule	S Allow	U HTTPS	585 Web Li
	₽ [∎] 11	SBS Remote Web Workplace URL Redirect(1)	S Deny	Merres	S85 Web Li
	12	SBS Remote Web Workplace URL Redirect	O Deny	Properties	S8S Web Li
	🖻 🕐 13	SBS Server Web Traffic	Allow	Copy Paste	sbs2008ser
	9 14	SBS – DNS Out	Allow	Export Selected	sbs2008ser
	💽 Last	Default rule	O Deny	Import to Selected	All Network
				Move Do <u>w</u> n Move Up Disable	



11. On the General tab, rename the rule. I am naming my rule SBS CompanyWeb URL redirect. Switch to the Action tab.





12. On the Action tab, change the URL to https://remote.smallbizco.com:987/ then switch to the paths tab.







13. Select the path in the list, and click Edit.

Microsoft Internet Security and Isaserver2006 Monitoring Firewall Policy Virtual Private Networks Configuration	id fis	Bridging U Authentication D General Action From This rule applies to re forwarding a request it to the correspondir	sers Sched elegation To Traffic quests for these exte ISA Server modifies g internal path on the	ule Lini Application Listener Public mal paths. Before the external path Web server.	k Translation Settings c Name Paths e and maps	1, dick Apply.	Firewall Polic
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	6	Paths must be distinct another path. This is	t from each other. A true for external and	path cannot be a nternal paths.	pretix of		sbs2008sei
		Example: /path4/* and /path6/* are distinct external and internal paths.			2 DNS	sbs2008sei	
						All Traffic	🚖 All Network
	100		1 520 1	1 2 3	6 3 2	1	

14. You can leave the internal path as a single / (forward slash) but this time, under External path, click the radio button next to 'the following folder' and in the box enter /companyweb then click Ok.





15. Click OK to close the rule properties. And click Apply to save your changes to the Firewall Policy.

Microsoft Internet Security and isaserver2006 Monitoring Firewall Policy Virtual Private Networks	5	Bridging Us Authentication De General Action From	ers Sche elegation To Traffic	dule Li Applicatio Listener Put	nk Translation on Settings slic Name Paths		Firewall Polic
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	-	Paths must be distinct from each other. A path cannot be a prefix of another path. This is true for external and internal paths. Example: /pathA/* and /pathB/* are distinct external and internal paths.		M HTTPS	585 Web Li		
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	11	SBS CompanyWeb URL redirect	O Deny	HTTPS	💭 S85 Web Li	
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You will now be able to navigate to the https://remote.domain.com page and be correctly redirected to the RWW login page and also navigate to https://remote.domain.com/companyweb and be redirected to the CompanyWeb login page. If the above does not work make sure your Deny rules are listed below the Web Publishing Rules. See screenshot:

ALLBIZSERVER

frequently asked questions

Microsoft Internet Security and Saserver2006 Monitoring Firewall Policy Virtual Private Networks	Microsoft Interni Accele Standard E	et Security & ration Server 2006			Firewall Policy
- A Networks	Order ~	Name	Action	Protocols	From / Listene 🔺
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	3 5	SBS RWW Web Publishing Rule	S Allow	M HTTPS	🗊 SBS Web Li
	6	SBS CompanyWeb Web Publishing Rule	S Allow	MATTPS	🗊 SBS Compa
		SBS RWW RPC Web Publishing Rule	Mole Service	MTTPS	🗊 SBS Web Li
	850	SBS Exchange Active Sync Web Publishing Rule	S Allow	CHA CIPS	😡 SBS Web Li
	9	SBS Outlook Anywhere Web Publishing Rule	Mole Service	()s	🗊 SBS Web Li
	10	SBS OWA Web Publishing Rule	Allow	TPS	🗊 SBS Web Li
	11	SBS CompanyWeb URL redirect	O Deny	TTPS	🗊 SBS Web Li
	12	SB5 Remote Web Workplace URL Redirect	O Deny	M HTTPS	🗊 SBS Web Li
	8 💽 13	SBS Server Web Traffic	S Allow	ИЗ НТТР И НТТР5	📑 sbs2008sei
	14	SBS - DNS Out	S Allow	NS DNS	📑 sbs2008sea
	🕐 Last	Default rule	O Deny	🔬 All Traffic	🚖 All Network
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