Open Windows Firewall

Steps

The following instructions are for opening TCP Port 80 in the Window Firewall - the firewall software included with Windows. If you are using an alternate firewall, please consult their documentation.

Important: It is not adequate to open the port's inbound and outbound traffic for just the program or the service. You must create <u>Port</u> rules as directed below in Step 6, or it will <u>not</u> work.

- 1. Open Control Panel from the Start menu.
- 2. Select Windows Firewall.



Select Advanced Settings....

🖉 🗣 🕨 Control Panel 🕨	All Control Panel Items Windows Firewall	✓ 4 Search Control Panel			
Control Panel Home	Help protect your computer with W	indows Firewall			
Allow a program or feature through Windows Firewall	Windows Firewall can help prevent hackers or through the Internet or a network.	malicious software from gaining access to your compute			
Change notification settings	How does a firewall help protect my computer	?			
Turn Windows Firewall on or off	What are network locations?				
Restore defaults	🖉 🧭 Home or work (private) net	works Connected 🙆			
Advanced settings	Networks at home or work where you know and trust the people and devices on the network				
Troubleshoot my network	Windows Firewall state:	On			
	Incoming connections: Block all connections to programs that are not of the list of allowed programs				
	Active home or work (private) networks:	Network			
	Notification state:	Notify me when Windows Firewall blocks a new program			
	Vublic networks	Not Connected 🕑			
See also					
Action Center					
Network and Sharing Center					

Select Inbound Rules...

4. Select Inbound Rules in the left column of the Windows Firewall with Advanced Security window. P Windows Firewall with Advanced Security File Action View Help 🔶 🔿 🔝 🖬 🖬 P Windows Firewall with Advance Windows Firewall with Advanced Security on Local Computer Actions 🔀 Inbound Rules Windows Firewall with Advanced Security ... Cutbound Rules Windows Firewall with Advanced Security provides network security for Windows computers Import Policy... Security Rules Monitoring Export Policy... Overview Restore Default Policy **Domain Profile** Diagnose / Repair Windows Firewall is on. View ٠ Not include the second seco C Refresh Outbound connections that do not match a rule are allowed. Properties Private Profile is Active Help Windows Firewall is on. Not include the second seco Outbound connections that do not match a rule are allowed. Public Profile Windows Firewall is on. S Inbound connections that do not match a rule are blocked. Outbound connections that do not match a rule are allowed. Windows Firewall Prop Getting Started Authenticate communications between computers Create connection security rules to specify how and when connections bety protected by using Internet Protocol security (IPsec). mputers are authenticated a Connection Security Rules View and create firewall rules Create firewall rules to allow or block connections to specified programs or pots. You can also allow a connection it is authenticated, or if it comes from an authoritized user, group, or computer. By default, initiound connections are blocked unless they match a rule that allows them, and outbound connections are allowed unless they match a rule blocks them.

Select New Rule

5. 9	Select	New	Rule	in	the	right	column.	
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Windows Firewall with Advance	Inbound Rules					Actions
Inbound Rules	Name	Group	Profile	Enabled	Α ^	Inbound Rules
Connection Security Puler	Microsoft Office Groove		Private	Yes	A	Mew Rule
Monitoring	Microsoft Office Groove		Private	Yes	A	V Elter hu Brofile
E montoning	Microsoft Office OneNote		Private	Yes	AF	The by Prome
	Microsoft Office OneNote		Private	Yes	A	Filter by State
	Microsoft Office Outlook		Private	Yes	A	Y Filter by Group
	🕑 Windows Live Sync		All	Yes	A	View
	O Woopra		Private	Yes	Α	Referet
	O Woopra		Private	Yes	A	G Kerresh
	BranchCache Content Retrieval (HTTP-In)	BranchCache - Content Retr	All	No	A	Barbart List
	BranchCache Hosted Cache Server (HTT	BranchCache - Hosted Cach	All	No	A	P Help
	BranchCache Peer Discovery (WSD-In)	BranchCache - Peer Discove	All	No	A	
	Connect to a Network Projector (TCP-In)	Connect to a Network Proje	Domain	No	Α	
	Connect to a Network Projector (TCP-In)	Connect to a Network Proje	Private	No	A	
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Private	No	Α	
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Domain	No	A	
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Domain	No	Α	
	Connect to a Network Projector (WSD Ev	Connect to a Network Proje	Private	No	A	
	Connect to a Network Projector (WSD-In)	Connect to a Network Proje	All	No	Α	
	Ocore Networking - Destination Unreacha	Core Networking	All	Yes	A	
	Ocore Networking - Destination Unreacha	Core Networking	All	Yes	Α	
	Ocore Networking - Dynamic Host Config	Core Networking	All	Yes	Α	
	Ocore Networking - Dynamic Host Config	Core Networking	All	Yes	Α	
	Ocore Networking - Internet Group Mana	Core Networking	All	Yes	Α	
	Ocore Networking - IPHTTPS (TCP-In)	Core Networking	All	Yes	A	
	Core Networking - IPv6 (IPv6-In)	Core Networking	All	Yes	Α	
	Ocore Networking - Multicast Listener Do	Core Networking	All	Yes	A	
	Ore Networking - Multicast Listener Qu	Core Networking	All	Yes	Α	
	Ocore Networking - Multicast Listener Rep	Core Networking	All	Yes	A	
	Ore Networking - Multicast Listener Rep	Core Networking	All	Yes	Α	
	Core Networking - Neighbor Discovery A	Core Networking	All	Yes	A	
	Core Networking - Neighbor Discovery S	Core Networking	All	Yes	Α	
	Core Networking - Packet Too Big (ICMP	Core Networking	All	Yes	A +	
	4					

Select Port...

P New Inbound Rule Wizar	d
Rule Type Select the type of firewall rule to	o create.
Steps: Rule Type Protocol and Ports Action Profile Name	 What type of rule would you like to create? Program Rule that controls connections for a program. Pot Rule that controls connections for a TCP or UDP port. Predefined: BranchCache - Content Retrieval (Uses HTTP) Rule that controls connections for a Windows experience. Custom Custom rule.
	Learn more about rule types < Back

Set up Protocol and Ports...

7. Select which protocol this rule will apply to **TCP**, select **Specific** local ports, type port number **80**, and then click **Next**.

P New Inbound Rule Wizard	1	8
Protocol and Ports		
Specify the protocols and ports	to which this rule applies.	
Steps:		
Rule Type	Does this rule apply to TCP or U	DP?
Protocol and Ports	TCP	
Action	O UDP	
Profile		
Name	Does this rule apply to all local p	orts or specific local ports?
	All local ports	
	Specific local ports:	80
		Example: 80, 443, 5000-5010
	Learn more about protocol and p	<u>ports</u>
		< Back Next > Cancel

Allow the Connection...

PNew Inbound Rule Wizar	d	23
Action		
Specify the action to be taken v	when a connection matches the conditions specified in the rule.	
Steps:		
Rule Type	What action should be taken when a connection matches the specified conditions?	
Protocol and Ports	Allow the connection	
Action	This includes connections that are protected with IPsec as well as those are not.	
Profile	Allow the connection if it is secure	
Name	 Initial connections in the boold of the secure of the boold of the secure of using the secure of using the sectings in IPsec properties and rules in the Connection Security Rule node. Customize Block the connection 	
	Learn more about actions < Back	

Select when this rule applies...

9. Select when this rule applie	check all of them for	r the port to always stay open)	and then click Next.
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🔗 New Inbound Rule Wizard	
Profile	
Specify the profiles for which this	s rule applies.
Steps:	
 Rule Type Referred Parts 	When does this rule apply?
 Protocol and Ports Action 	☑ Domain
Profile	Applies when a computer is connected to its corporate domain.
Name	Private Applies when a computer is connected to a private network location.
	Public Applies when a computer is connected to a public network location.
	Learn more about profiles
	< Back Next > Cancel

Name your rule and Finish...

New Inbound Rule Wizard		83
lame		
pecify the name and description	of this rule.	
leps:		
Rule Type		
Protocol and Ports		
Action		
Profile	Name:	
Name	nin	
	Description (optional):	
	< Back Finish Cano	al