

在RV110W上配置防火墙基本设置

目标

防火墙是一种安全系统，它使用已配置的安全规则监控和控制传入和传出流量到网络。防火墙是受信任的安全内部网络和外部不受信任网络之间的屏障。

本文档旨在向您展示如何在RV110W上配置防火墙基本设置。

注意：有关高级配置设置（例如在防火墙中启用或禁用特定服务），请参阅[RV110W上的防火墙服务管理](#)。

适用设备

·RV110W

基本防火墙配置

步骤1.使用Web配置实用程序选择“防火墙”>“**基本设置**”。系统将显示“基本设置”页：

Basic Settings

Firewall:	<input checked="" type="checkbox"/> Enable
DoS Protection:	<input checked="" type="checkbox"/> Enable
Block WAN Request:	<input checked="" type="checkbox"/> Enable
Web Access:	<input type="checkbox"/> HTTP <input checked="" type="checkbox"/> HTTPS
Remote Management:	<input type="checkbox"/> Enable
Remote Access:	<input type="radio"/> HTTP <input checked="" type="radio"/> HTTPS
Remote Upgrade:	<input type="checkbox"/> Enable
Allowed Remote IP Address:	<input checked="" type="radio"/> Any IP Address <input type="radio"/> 0 . 0 . 0 . 0 - 0
Remote Management Port	<input type="text" value="443"/> (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input type="checkbox"/> Enable

UPnP	<input checked="" type="checkbox"/> Enable
Allow Users to Configure	<input checked="" type="checkbox"/> Enable
Allow Users to Disable Internet Access	<input type="checkbox"/> Enable

步骤2.在“防火墙”字段中，选中**启用**复选框以启用防火墙设置。

Basic Settings

Firewall:	<input checked="" type="checkbox"/> Enable
DoS Protection:	<input checked="" type="checkbox"/> Enable
Block WAN Request:	<input checked="" type="checkbox"/> Enable
Web Access:	<input type="checkbox"/> HTTP <input checked="" type="checkbox"/> HTTPS

步骤3.在*DoS Protection*字段中，选中**Enable**复选框以保护您的网络免受拒绝服务(DoS)攻击

。

Basic Settings

Firewall:	<input checked="" type="checkbox"/> Enable
DoS Protection:	<input checked="" type="checkbox"/> Enable
Block WAN Request:	<input checked="" type="checkbox"/> Enable
Web Access:	<input type="checkbox"/> HTTP <input checked="" type="checkbox"/> HTTPS

步骤4.在Block WAN Request(阻止WAN请求)字段中，选中**Enable**（启用）复选框以拒绝从外部网络向RV110W发出的ping请求。

Basic Settings

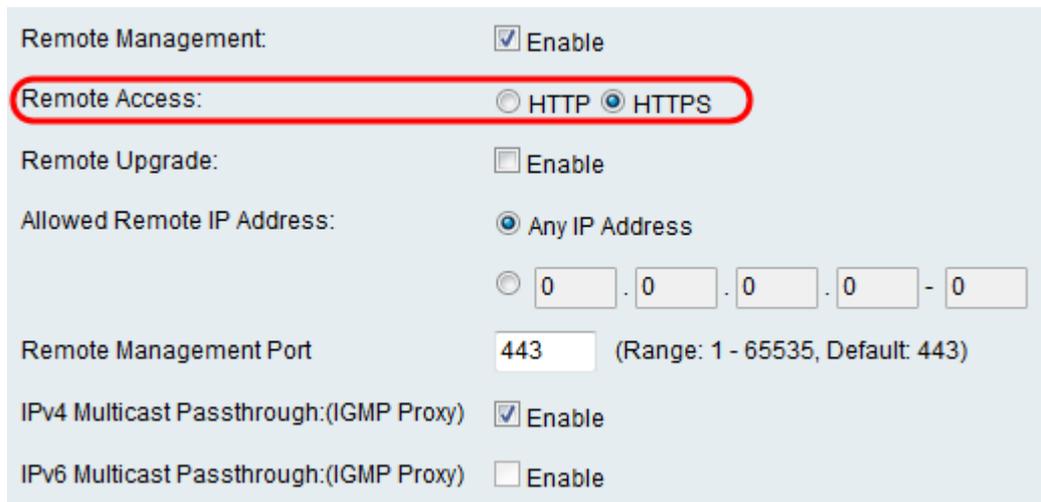
Firewall:	<input checked="" type="checkbox"/> Enable
DoS Protection:	<input checked="" type="checkbox"/> Enable
Block WAN Request:	<input checked="" type="checkbox"/> Enable
Web Access:	<input type="checkbox"/> HTTP <input checked="" type="checkbox"/> HTTPS

步骤5.在Web Access字段中，选中**HTTP**复选框和/或**HTTPS**复选框以启用来自这些协议的流量。HTTPS是HTTP的一个版本，用于加密数据包以提高安全性。

步骤6.在Remote Management字段中，选中**Enable**复选框以启用远程管理设置。

注意：如果选择不启用远程管理，请跳至步骤11。

步骤7.在Remote Access字段中，单击HTTP单选按钮或HTTPS单选按钮，选择用于连接防火墙的Web访问类型。HTTPS加密数据包以提高安全性。



Remote Management:	<input checked="" type="checkbox"/> Enable
Remote Access:	<input type="radio"/> HTTP <input checked="" type="radio"/> HTTPS
Remote Upgrade:	<input type="checkbox"/> Enable
Allowed Remote IP Address:	<input checked="" type="radio"/> Any IP Address <input type="radio"/> 0 . 0 . 0 . 0 - 0
Remote Management Port	443 (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input type="checkbox"/> Enable

步骤8.在Remote Upgrade字段中，选中Enable复选框以允许远程升级RV110W固件。

Remote Management:	<input checked="" type="checkbox"/> Enable
Remote Access:	<input type="radio"/> HTTP <input checked="" type="radio"/> HTTPS
Remote Upgrade:	<input checked="" type="checkbox"/> Enable
Allowed Remote IP Address:	<input checked="" type="radio"/> Any IP Address <input type="radio"/> 0 . 0 . 0 . 0 - 0
Remote Management Port	443 (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input type="checkbox"/> Enable

步骤9.在允许的远程IP地址字段中，单击任何IP地址单选按钮以允许从任何IP远程升级到路由器，或单击下方的单选按钮，在右侧的字段中输入允许远程升级路由器的IP地址范围。

Remote Management:	<input checked="" type="checkbox"/> Enable
Remote Access:	<input type="radio"/> HTTP <input checked="" type="radio"/> HTTPS
Remote Upgrade:	<input checked="" type="checkbox"/> Enable
Allowed Remote IP Address:	<input checked="" type="radio"/> Any IP Address <input type="radio"/> 0 . 0 . 0 . 0 - 0
Remote Management Port	443 (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input type="checkbox"/> Enable

步骤10.在Remote Management Port字段中，输入允许远程管理的端口或端口范围。

Remote Management:	<input checked="" type="checkbox"/> Enable
Remote Access:	<input type="radio"/> HTTP <input checked="" type="radio"/> HTTPS
Remote Upgrade:	<input checked="" type="checkbox"/> Enable
Allowed Remote IP Address:	<input checked="" type="radio"/> Any IP Address <input type="radio"/> 0 . 0 . 0 . 0 - 0
Remote Management Port	443 (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input type="checkbox"/> Enable

步骤11.在IPv4组播直通：(IGMP代理)字段中，选中启用复选框以启用IPv4的组播直通。

IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input type="checkbox"/> Enable
<hr/>	
UPnP	<input checked="" type="checkbox"/> Enable
Allow Users to Configure	<input checked="" type="checkbox"/> Enable
Allow Users to Disable Internet Access	<input type="checkbox"/> Enable
<hr/>	
Block Java:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Cookies:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block ActiveX:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Proxy:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>

步骤12.在IPv6组播直通：(IGMP代理)字段中，选中启用复选框以启用IPv6的组播直通。

IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
<hr/>	
UPnP	<input checked="" type="checkbox"/> Enable
Allow Users to Configure	<input checked="" type="checkbox"/> Enable
Allow Users to Disable Internet Access	<input type="checkbox"/> Enable
<hr/>	
Block Java:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Cookies:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block ActiveX:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Proxy:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>

注意：仅当设备配置为在网络> IP模式页面的IPv6模式下运行时，才能启用此选项。

步骤13.在UPnP字段中，选中启用复选框以启用通用即插即用(UPnP)，该功能允许自动发现可以连接到路由器的设备。

IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv6 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
UPnP	<input checked="" type="checkbox"/> Enable
Allow Users to Configure	<input checked="" type="checkbox"/> Enable
Allow Users to Disable Internet Access	<input type="checkbox"/> Enable
Block Java:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Cookies:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block ActiveX:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Proxy:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>

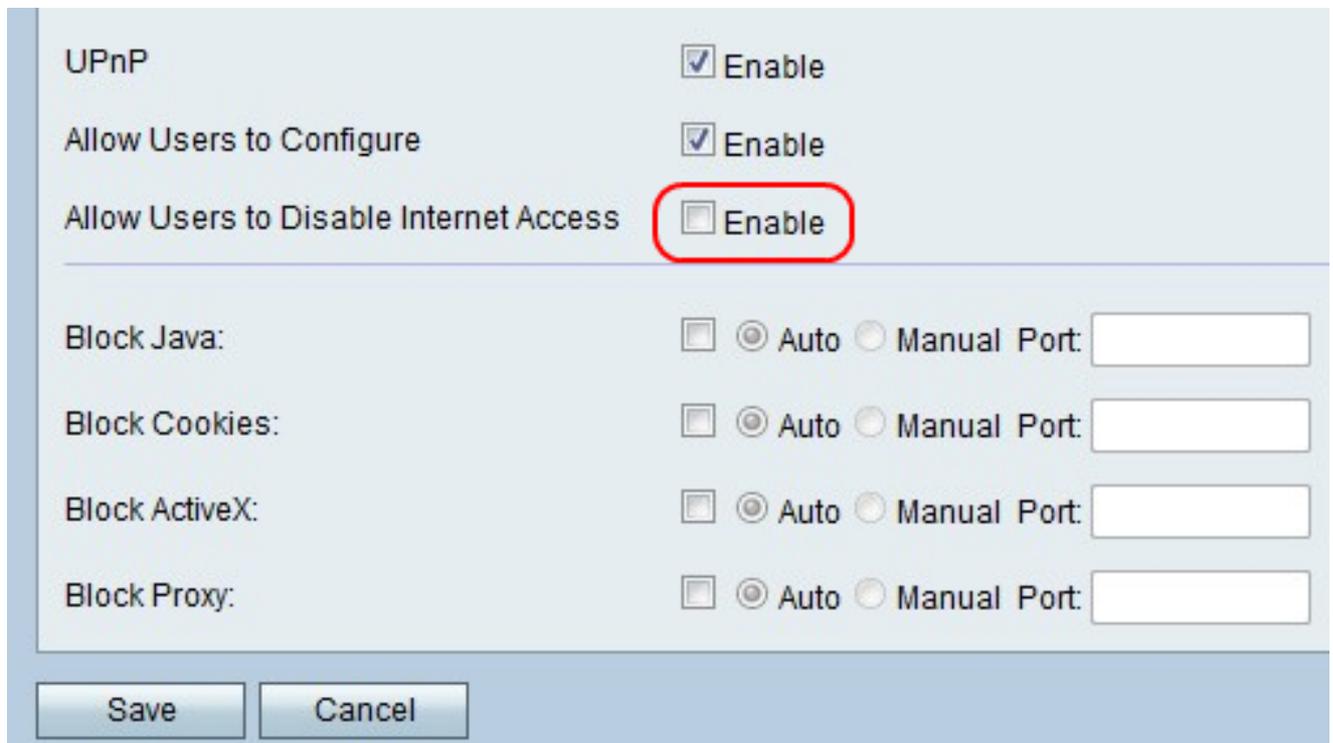
注意：如果选择不启用UPnP，请跳至步骤16。

步骤14.在Allow User to Configure字段中，选中**Enable**复选框以允许用户将端口映射规则设置为。

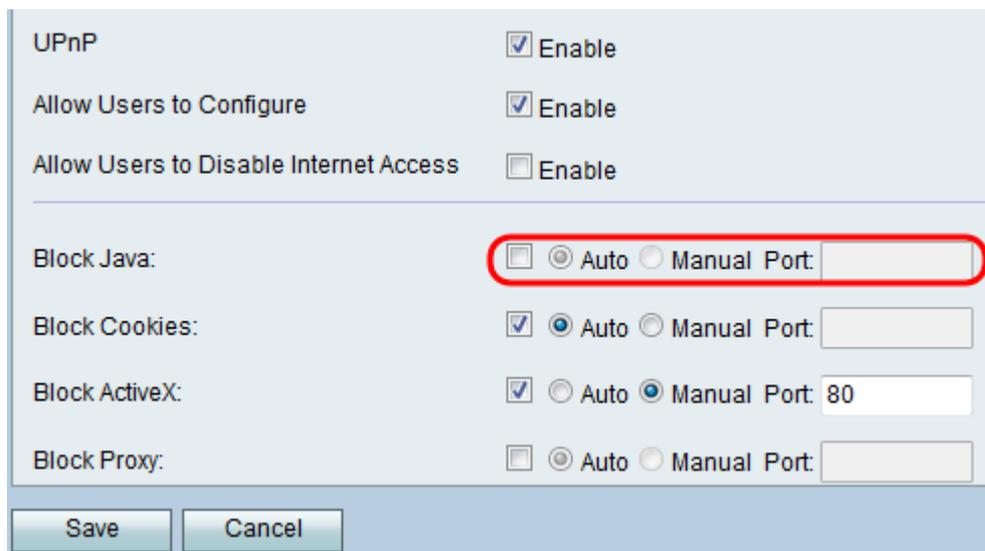
UPnP	<input checked="" type="checkbox"/> Enable
Allow Users to Configure	<input type="checkbox"/> Enable
Allow Users to Disable Internet Access	<input type="checkbox"/> Enable
Block Java:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Cookies:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block ActiveX:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>
Block Proxy:	<input type="checkbox"/> <input checked="" type="radio"/> Auto <input type="radio"/> Manual Port: <input type="text"/>

Save Cancel

步骤15.在“允许用户禁用Internet访问”字段中，选中“启用”复选框以允许用户禁用Internet访问。



步骤16.如果要阻止Java小程序，请在Block Java字段中选中Enable复选框。然后单击**Auto**单选按钮以阻止所有端口上的Java，或单击**Manual**单选按钮以在Port字段中输入要阻止Java的端口号。



步骤17.在Block Cookies字段中，如果要阻止Cookie，请选中**Enable**复选框。接下来，单击**Auto**单选按钮以阻止所有端口上的Cookie，或单击**Manual**单选按钮以在Port字段中输入要阻止Cookie的端口号。

The screenshot shows the Windows Firewall settings window. The 'Block ActiveX' section is highlighted with a red rectangle. The 'Enable' checkbox is checked, and the 'Manual' radio button is selected, with the 'Port' field set to '80'. Other settings include 'UPnP' (checked), 'Allow Users to Configure' (checked), and 'Allow Users to Disable Internet Access' (unchecked). The 'Block Java', 'Block Cookies', and 'Block Proxy' sections are also visible, with 'Block Cookies' having 'Auto' selected and 'Block Java' and 'Block Proxy' having 'Auto' selected.

步骤18.如果要阻止ActiveX内容，请在Block ActiveX字段中选中**Enable**复选框。接下来，单击**Auto**单选按钮以阻止所有端口上的ActiveX内容，或单击**Manual**单选按钮以在Port字段中输入要阻止ActiveX内容的端口号。

The screenshot shows the Windows Firewall settings window. The 'Block ActiveX' section is highlighted with a red rectangle. The 'Enable' checkbox is checked, and the 'Manual' radio button is selected, with the 'Port' field set to '80'. Other settings include 'UPnP' (checked), 'Allow Users to Configure' (checked), and 'Allow Users to Disable Internet Access' (unchecked). The 'Block Java', 'Block Cookies', and 'Block Proxy' sections are also visible, with 'Block Cookies' having 'Auto' selected and 'Block Java' and 'Block Proxy' having 'Auto' selected.

步骤19.在Block Proxy(阻止代理)字段中，选中**Enable** (启用)复选框以阻止代理服务器。然后，单击Auto单选按钮以阻止所有端口上的代理服务器，或单击Manual单选按钮以在Port字段中输入端口号以阻止代理服务器。

The screenshot shows the Windows Firewall settings window. The 'Block Proxy' section is highlighted with a red rectangle. The 'Enable' checkbox is checked, and the 'Auto' radio button is selected. Other settings include 'UPnP' (checked), 'Allow Users to Configure' (checked), and 'Allow Users to Disable Internet Access' (unchecked). The 'Block Java', 'Block Cookies', and 'Block ActiveX' sections are also visible, with 'Block ActiveX' having 'Manual' selected and 'Port' set to '80'.

步骤20.单击“保存”保存更改，或单击“取消”放弃更改。