

Universal Plug and Play (UPnP) Configuration on the RV110W Routers

Objective

Universal Plug and Play (UPnP) is a network protocol that allows devices to discover each other on the network. The discovered devices can then establish network services for data sharing, communications, and entertainment. UPnP also include a feature that automatically configures the router to open and close ports for internet application, such as gaming. One of the main feature that UPnP option provide is that, when connected to a network they automatically establish working configurations with other devices. The UPnP architecture allows device-to-device networking of personal computers, network capable home appliances, electronics devices and wireless devices.

This document explains how to enable UPnP on the Cisco RV110W routers.

Applicable Device

- RV110W

Software Version

- 1.2.0.9

UPnP Configuration

Step 1. Log into the web configuration utility and choose **Firewall > Basis Settings**. The *Basic Settings* page opens:

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 to 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

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

UPnP Enable

Step 2. Check **Enable** to enable UPnP.

Allow Users to Configure Enable

Step 3. (Optional) Check the check box to **Enable** Allow Users to Configure. With the enable option checked the user will be able to configure. If it is disabled then the router wont allow application to add forwarding rule.

Allow Users to Disable Internet Access Enable

Step 4. (Optional) Check Enable to enable Allow User to Disable Internet Access. This will disable the internet access.

Step 5. Click **Save**.