

# Universal Plug and Play (UPnP) Configuration on the RV120W and RV220W Routers

## Objectives

Universal Plug and Play (UPnP) is a networking 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.

This document explains how to set up UPnP on the Cisco RV120W and RV220W routers.

## Applicable Devices

- RV120W
- RV220W

## Software Version

- v1.0.4.17

## Step-by-Step Procedure

### UPnP Configuration

Step 1. Use the web configuration utility, and choose **Administration > Discovery Settings > Discovery-UPnP**. The *Discovery - UPnP* page opens.

Discovery - UPnP

**UPnP Settings**

UPnP:  Enable

Advertisement Period:  Seconds (Range: 1 - 86400, Default: 1800)

Advertisement Time To Live:  Seconds (Range: 1 - 255, Default: 4)

**UPnP Interface Control Table**

VLAN ID	VLAN Name	Enable UPnP
1	Default	<input checked="" type="checkbox"/>

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

### Discovery - UPnP

**UPnP Settings**

UPnP:  Enable

Advertisement Period:  Seconds (Range: 1 - 86400, Default: 1800)

Advertisement Time To Live:  Seconds (Range: 1 - 255, Default: 4)

**UPnP Interface Control Table**

VLAN ID	VLAN Name	Enable UPnP
1	Default	<input checked="" type="checkbox"/>

Save Cancel

Step 3. Enter the number of seconds between the times the router will broadcast its UPnP information in the Advertisement Period field.

Step 4. Enter the number of seconds that the advertisement will be active the the Advertisement Time to Live field.

**Note:** Increasing the Advertisement Time To Live field to 100 or higher may eliminate the need to turn UPnP on/off after each reboot.

The UPnP Interface Control Table displays the following information:

- The VLAN ID number.
- The VLAN Name.
- The **Enable UPnP** check box for each VLAN. If there is only one VLAN, the check-box will be checked and you will not be able to disable it.

**UPnP Portmap Table**

Active	Protocol	Internal Port	External Port	IP Address
0 results found				

Refresh

The UPnP Portmap Table displays the following information:

- **Active**— Indicates whether or not the port of the UPnP device that established a connection is currently active.
- **Protocol**— The network protocol that the device is using to connect to the router. For example, TCP, DUP, etc.
- **Internal Port**— Indicates which internal ports are opened by the UPnP device.
- **External Port**— Indicates which external ports are opened by the UPnP device.
- **IP Address**— The IP address of the UPnP device accessing the router.

UPnP Portmap Table					
Active	Protocol	Internal Port	External Port	IP Address	
0 results found					
<input type="button" value="Refresh"/>					

Step 5. Click **Refresh** to refresh the UPnP Portmap Table.

Step 6. Click **Save**.