

Configuration of Universal Plug and Play (UPnP) on RV320 and RV325 Routers

Objective

Universal Plug and Play (UPnP) is a set of networking protocols that allow devices to discover each other on the network. The discovered devices can establish network services for data sharing, communications, and entertainment. UPnP can be used to set up public services on your network. When the UPnP function is enabled, your operating system can add or delete entries to the UPnP Forwarding Table.

The objective of this document is to show you how to enable UPnP and manage the UPnP Port Forwarding Table on the RV320 and RV325 Routers.

Applicable Devices

- RV320
- RV325

Software Version

- 1.1.1.19

Enable UPnP

Step 1. Log in to the web configuration utility and choose **Firewall > General**. The *General* window opens.

General

Firewall: Enable

SPI(Stateful Packet Inspection): Enable

DoS (Denial of Service): Enable

Block WAN Request: Enable

Remote Management: Enable Port:

Multicast Pass Through: Enable

HTTPS: Enable

SSL VPN: Enable

SIP ALG: Enable

UPnP: Enable

Restrict Web Features

Block: Java
 Cookies
 ActiveX
 Access to HTTP Proxy Servers

Exception: Enable

Trusted Domains Table Items 0-0 of 0 5 per page

<input type="checkbox"/>	Domain Name
0 results found!	

Page 1 of 1

Step 2. Check the **Enable** checkbox in the *UPnP* field.

Firewall: Enable

SPI(Stateful Packet Inspection): Enable

DoS (Denial of Service): Enable

Block WAN Request: Enable

Remote Management: Enable Port:

Multicast Pass Through: Enable

HTTPS: Enable

SSL VPN: Enable

SIP ALG: Enable

UPnP: Enable

Step 3. Click **Save**.

General

Firewall: Enable
 SPI(Stateful Packet Inspection): Enable
 DoS (Denial of Service): Enable
 Block WAN Request: Enable
 Remote Management: Enable Port: 443
 Multicast Pass Through: Enable
 HTTPS: Enable
 SSL VPN: Enable
 SIP ALG: Enable
 UPnP: Enable

Restrict Web Features

Block: Java
 Cookies
 ActiveX
 Access to HTTP Proxy Servers
 Exception: Enable

Trusted Domains Table Items 0-0 of 0 5 per page

<input type="checkbox"/>	Domain Name
0 results found!	

Add Edit Delete Page 1 of 1

Save Cancel

Managing UPnP Port Forwarding Table

Step 1. In the web configuration utility sidebar, choose **Setup > Port Address Translation**. The *Port Address Translation* window opens:

Port Address Translation

Port Address Translation Table Items 0-0 of 0 5 per page

<input type="checkbox"/>	Service	Name or IP Address	Status
0 results found!			

Add Edit Delete Service Management... Page 1 of 1

UPnP Port Forwarding Table Items 0-0 of 0 5 per page

<input type="checkbox"/>	Service	Name or IP Address	Status
0 results found!			

Delete Page 1 of 1

Save Cancel

Note: You can view all devices and applications that are using the UPnP protocol in the *UPnP Port Forwarding Table*. The *Service* field corresponds to the name of the device or service using UPnP as well as the ports opened. The *Name or IP Address* field corresponds to the IP address assigned to the device or service. The *Status* field corresponds to whether UPnP is being used by the device or service.

Step 2. (Optional) To delete an entry, check the checkbox next to the desired service.

Port Address Translation

Port Address Translation Table Items 1-1 of 1 5 per page

Service	Name or IP Address	Status
0 results found!		

Add Edit Delete Service Management ... Page 1 of 1

UPnP Port Forwarding Table Items 0-0 of 0 5 per page

Service	Name or IP Address	Status
<input checked="" type="checkbox"/> DNS[UDP/53-53]	192.168.1.1	Disabled

Delete Page 1 of 1

Save Cancel

Step 3. (Optional) Click **Delete** to delete the service.

Port Address Translation

Port Address Translation Table Items 1-1 of 1 5 per page

Service	Name or IP Address	Status
0 results found!		

Add Edit Delete Service Management ... Page 1 of 1

UPnP Port Forwarding Table Items 0-0 of 0 5 per page

Service	Name or IP Address	Status
<input checked="" type="checkbox"/> DNS[UDP/53-53]	192.168.1.1	Disabled

Delete Page 1 of 1

Save Cancel

Step 4. Click **Save**.

Port Address Translation

Port Address Translation Table Items 0-0 of 0 5 per page

Service	Name or IP Address	Status
0 results found!		

Add Edit Delete Service Management ... Page 1 of 1

UPnP Port Forwarding Table Items 0-0 of 0 5 per page

Service	Name or IP Address	Status
0 results found!		

Delete Page 1 of 1

Save Cancel