

# Add VPN Users to a PPTP VPN Server on RV130 and RV130W

## Objective

Remote access VPNs let single users connect to a central site through a secure connection over a TCP/IP network such as the Internet. Point-to-Point Tunneling Protocol (PPTP) VPN servers are best suited for remote access applications, but they also support LAN internetworking as well.

The objective of this document is to show you how to configure a VPN server using Point-to-Point Tunneling Protocol and how to add new PPTP VPN Users on the RV130 and RV130W.

## Applicable Devices

- RV130
- RV130W

## PPTP Server Configuration

**Note:** Before beginning the PPTP Server Configuration process, it is recommended that you change the IP Address of your local network from the default settings. The default settings will likely overlap with the client's home network, causing connectivity issues. If left as the default, you will additionally be presented with an error message each time you add a user. In this guide, we will be using our network as the 10.0.0.0/24 network, with the router using the IP Address 10.0.0.1. For guidance on changing your network's IP Address, refer to [Configuration of IPv4 LAN on RV130 and RV130W](#).

Step 1. Using the Configuration Utility, choose **VPN > PPTP Server**. The *PPTP Server* page opens:

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**PPTP User Account Table**

<input type="checkbox"/>	No.	Enable	Username	Password	
<input type="checkbox"/> No data to display					

Step 2. Under the *PPTP Configuration* section, check the **PPTP Server** enable checkbox.

## PPTP Server

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**PPTP User Account Table**

<input type="checkbox"/>	No.	Enable	Username	Password
<input type="checkbox"/> No data to display				

Step 3. In the *IP Address for PPTP Server* field, enter the LAN IP Address of the RV130 or RV130W.

## PPTP Server

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**PPTP User Account Table**

<input type="checkbox"/>	No.	Enable	Username	Password
<input type="checkbox"/> No data to display				

Step 4. In the *IP Address for PPTP Clients* field, enter the IP address range to be assigned for your users.

## PPTP Server

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**PPTP User Account Table**

<input type="checkbox"/>	No.	Enable	Username	Password
<input type="checkbox"/> No data to display				

Step 5. Check the **Enable** check box for MPPE Encryption to encrypt point-to-point links. Microsoft Point-to-Point Encryption (MPPE) not only encrypts Point-to-Point Protocol (PPP) packets, but also uses a compression algorithm to optimize bandwidth utilization in order to support multiple simultaneous connections. This option can only be enabled or disabled if you enable the PPTP Server.

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

<input type="checkbox"/>	No.	Enable	Username	Password
<input type="checkbox"/> No data to display				

Add Row Edit Delete Import

Save Cancel

## Adding New PPTP VPN Users

Step 1. Using the Configuration Utility, choose **VPN > PPTP Server**. The *PPTP Server* page opens:

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

<input type="checkbox"/>	No.	Enable	Username	Password
<input type="checkbox"/> No data to display				

Add Row Edit Delete Import

Save Cancel

Step 2. In the *PPTP User Account Table*, click **Add Row**.

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

<input type="checkbox"/>	No.	Enable	Username	Password
<input type="checkbox"/> No data to display				

Add Row Edit Delete Import

Save Cancel

Step 3. Check the **Enable** checkbox for the new user account.

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**You must save before you can edit or delete.**

PPTP User Account Table					
<input type="checkbox"/>	No.	Enable	Username	Password	
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	cisco	.....	

Add Row Edit Delete Import

Save Cancel

Step 4. Enter a username in the *Username* field, and enter a password for the user in the *Password* field.

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**You must save before you can edit or delete.**

PPTP User Account Table					
<input type="checkbox"/>	No.	Enable	Username	Password	
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	cisco	.....	

Add Row Edit Delete Import

Save Cancel

**Note:** Repeat Steps 2 - 4 to add additional user accounts.

Step 5. Click **Save** to apply changes.

**PPTP Server**

**PPTP Configuration**

PPTP Server:  Enable

IP Address for PPTP Server: 10 . 0 . 0 . 1

IP Address for PPTP Clients: 10 . 0 . 0 . 10 - 14

MPPE Encryption:  Enable

**You must save before you can edit or delete.**

PPTP User Account Table					
<input type="checkbox"/>	No.	Enable	Username	Password	
<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	cisco	.....	

Add Row Edit Delete Import

Save Cancel