



Article ID: 5010

# Configuration of LAN and Remote Management Web Access on the RV130 and RV130W

## Objective

Clients that are connected to the LAN or WAN interface of the router can access the router's web configuration utility. Configuration of LAN/VPN Web Access can allow clients on the Local Area Network to connect to the router securely via Secure Socket Layer. Configuration of Remote Management Web Access can allow clients from outside the corporate network to connect to the router via its IP Address. Remote Management Web Access may be useful if an administrator wants to access or configure the router from a remote location.

The objective of this document is to show you how to configure the LAN and Remote Management Web Access on the RV130 and RV130W routers.

## Applicable Devices

- RV130
- RV130W

## Software Version

- v1.0.1.3

## LAN/VPN and Remote Management Web Access Configuration

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

### Basic Settings

IP Address Spoofing Protection:	<input checked="" type="checkbox"/> Enable
DoS Protection:	<input checked="" type="checkbox"/> Enable
Block WAN Ping Request:	<input checked="" type="checkbox"/> Enable
LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input 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	443 (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv4 Multicast Immediate Leave:(IGMP Proxy Immediate Leave)	<input type="checkbox"/> Enable
SIP ALG	<input type="checkbox"/> Enable

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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

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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

Step 2. In the *LAN/VPN Web Access* field, check the check boxes corresponding to the desired type(s) of Web Access protocols. The protocols are used to connect to the device from members of the LAN interface.

LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input 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	443 (Range: 1 - 65535, Default: 443)

The available options are defined as follows:

- HTTP — Clients can connect to internal web sites via the standard Hypertext Transfer Protocol (HTTP). HTML elements from your websites are sent directly to the client device. Connecting to web sites via HTTP is faster than HTTPS.
- HTTPS — Using the HyperText Transfer Protocol Secure (HTTPS), clients can connect to internal websites only when the digital certificates installed on the web site is authenticated with the web server associated with it. This prevents any man-in-the-middle attacks between the client and the web site. Checking this option also provides bidirectional encryption between the client and the web site.

**Note:** Check only the **HTTP** check box if web pages on your domain do not have the required SSL Certificates installed. Check only the **HTTPS** checkbox if all of the web pages on your domain have the SSL Certificates installed. You can check both check boxes for HTTP and HTTPS if you want versatility in how your clients access the router.

Step 3. In the *Remote Management* field, check the **Enable** check box to enable administrator remote access to the device web configuration utility. By default, Remote Management is disabled. If unchecked, skip to Step 8.

LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input type="checkbox"/> HTTPS
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)

**NOTE:** When Remote Management is enabled, the router can be accessed by anyone who knows its IP address. It is important to change the default password of the device before enabling this feature.

Step 4. In the *Remote Access* field, select a desired radio button corresponding to the type of Remote Access protocol. The protocol will be used to connect devices from a remote Wide Area Network (WAN) directly to the router. HTTPS is more secure than HTTP and is the recommended option.

LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input type="checkbox"/> HTTPS
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)

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- HTTP — Clients can connect to internal web sites via the standard Hypertext Transfer Protocol (HTTP). HTML elements from your websites are sent directly to the client device. Connecting to web sites via HTTP is faster than HTTPS.
- HTTPS — Using the HyperText Transfer Protocol Secure (HTTPS), clients can connect to internal websites only when the digital certificates installed on the web site is authenticated with the web server associated with it. This prevents any man-in-the-middle attacks between the client and the web site. Checking this option also provides bidirectional encryption between the client and the web site.

Step 5. In the *Remote Upgrade* field, check the **Enable** check box to allow administrators to upgrade the device from a remote WAN.

LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input type="checkbox"/> HTTPS
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)

Step 6. In the *Allowed Remote IP Address* field, choose which IP addresses will have remote access to the device. Click the **Any IP Address** radio button to allow any remote device to connect, or click the radio button below it to manually enter a range of allowed IP addresses.

LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input type="checkbox"/> HTTPS
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	<input type="text" value="443"/> (Range: 1 - 65535, Default: 443)

Step 7. Enter the port on which remote access is allowed. The default port is 443.

LAN/VPN Web Access:	<input checked="" type="checkbox"/> HTTP <input type="checkbox"/> HTTPS
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 type="radio"/> Any IP Address <input checked="" type="radio"/> 192 . 168 . 1 . 75 - 100
Remote Management Port	<input type="text" value="443"/> (Range: 1 - 65535, Default: 443)

**Note:** When remotely accessing the router, you must enter the remote management port as part of the IP address. For example: **https://<remote-ip>:<remote-port>**, or **https://168.10.1.11:443**.

Step 8. Click **Save** to save your settings.

LAN/WPN Web Access:	<input checked="" type="checkbox"/> HTTP <input type="checkbox"/> HTTPS
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 type="radio"/> Any IP Address <input checked="" type="radio"/> 192 . 169 . 1 . 75 - 100
Remote Management Port:	443 (Range: 1 - 65535, Default: 443)
IPv4 Multicast Passthrough:(IGMP Proxy)	<input checked="" type="checkbox"/> Enable
IPv4 Multicast Immediate Leave:(IGMP Proxy Immediate Leave)	<input type="checkbox"/> Enable
SIP ALG	<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
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Block Java:	<input type="checkbox"/> Auto <input checked="" type="checkbox"/> Manual Port: <input type="text"/>
Block Cookies:	<input type="checkbox"/> Auto <input checked="" type="checkbox"/> Manual Port: <input type="text"/>
Block ActiveX:	<input type="checkbox"/> Auto <input checked="" type="checkbox"/> Manual Port: <input type="text"/>
Block Proxy:	<input type="checkbox"/> Auto <input checked="" type="checkbox"/> Manual Port: <input type="text"/>
<hr/>	
<input checked="" type="button" value="Save"/>	<input type="button" value="Cancel"/>