

# Configuring Link Layer Discovery Protocol (LLDP) on RV160 and RV260

## Objective

The objective of this article is to show you how to configure the Link Layer Discovery Protocol (LLDP) settings on RV160 and RV260 routers.

## Introduction

LLDP is a vendor-neutral protocol used by network devices for advertising their identity, capabilities, and neighbors on an IEEE 802 local area network (LAN). The LLDP information is sent by the device's interface at a fixed interval, in the form of an Ethernet frame. Each frame contains one LLDP Data Unit (LLDPDU). Each LLDPDU is a sequence of type-length-value (TLV) structure.

## Applicable Devices

- RV160
- RV260

## Software Version

- 1.0.00.15

## Configure LLDP

To configure LLDP on your router, perform the following steps.

Step 1. Log in to the web configuration page of your router.



## Router

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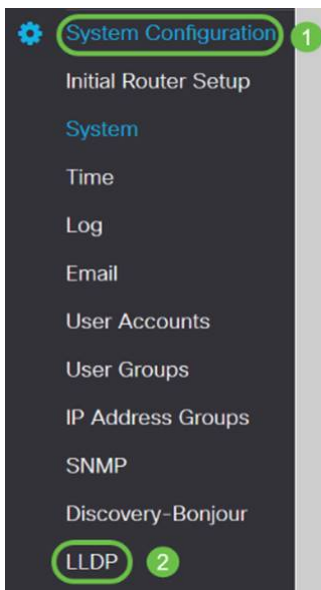
Login 3

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**Note:** In this article, we will be configuring LLDP on a RV260W. The configuration may vary depending on the model you are using.

Step 2. Navigate to **System Configuration > LLDP**.



Step 3. In the LLDP section, check **Enable** (It is enabled by default).



Step 4. In the *LLDP Port Setting Table*, LLDP is available for activation on a port-by-port basis. Check *Enable LLDP* to enable LLDP on your chosen interface.

## LLDP Port Setting Table

Interfaces	Enable LLDP
WAN	<input type="checkbox"/>
LAN1	<input checked="" type="checkbox"/>
LAN2	<input checked="" type="checkbox"/>
LAN3	<input checked="" type="checkbox"/>
LAN4	<input checked="" type="checkbox"/>
LAN5	<input checked="" type="checkbox"/>
LAN6	<input checked="" type="checkbox"/>
LAN7	<input checked="" type="checkbox"/>
LAN8	<input checked="" type="checkbox"/>

Step 5. Click **Apply**.

LLDP Apply Cancel

LLDP:  Enable

LLDP Port Setting Table

Interfaces	Enable LLDP
WAN	<input type="checkbox"/>
LAN1	<input checked="" type="checkbox"/>
LAN2	<input checked="" type="checkbox"/>
LAN3	<input checked="" type="checkbox"/>
LAN4	<input checked="" type="checkbox"/>
LAN5	<input checked="" type="checkbox"/>
LAN6	<input checked="" type="checkbox"/>
LAN7	<input checked="" type="checkbox"/>
LAN8	<input checked="" type="checkbox"/>

Step 6. In the LLDP Neighbors Table, the following information is displayed:

- *Local Port* - Port identifier.
- *Chassis ID Subtype* - Type of chassis ID (for example, MAC address)
- *Chassis ID* - Identifier of the chassis. Where the chassis ID subtype is an indicator of the type of address, whereas Chassis ID identifies the port's actual MAC address.
- *Port ID Subtype* - Type of the port identifier.
- *Port ID* - Port identifier.
- *System Name* - Name of the device.
- *Time to Live* - Rate in seconds at which LLDP advertisement updates are sent.


LLDP Neighbors Table

Local Port	Chassis ID Subtype	Chassis ID	Port ID Subtype	Port ID	System Name	Time to Live
LAN1	mac	a0:18:...	ifname	te1/0/5	switch06255	120

Step 7. To view other details of the LLDP Neighbors Table, check the *Local Port* you want to view and click on the **eye icon**. A new window will display *LLDP Neighbors Setting Detail*.

LLDP Neighbors Table

Local Port	Chassis ID Subtype	Chassis ID	Port ID Subtype	Port ID	System Name	Time to Live
LAN1	mac	a0:18:...	ifname	te1/0/5	switch06255	120

Title:	Data
Local Port:	LAN2
Chassis ID Subtype:	mac
Chasis ID:	a0:f8: 
Port ID Subtype:	ifname
Port ID:	te1/0/5
System Name:	switchf06255
Time To Live:	120
Port Description:	Not
System Description:	Not received
System Capabilities:	Bridge Router
Enabled Capabilities:	Bridge Router
Management Address:	--

[Close](#)

Step 8. Click **Refresh** to refresh the data.

LLDP Neighbors Table

	Local Port	Chassis ID Subtype	Chassis ID	Port ID Subtype	Port ID	System Name	Time to Live
	LAN2	mac	a0:f8: 	ifname	te1/0/5	switchf06255	120

You should now have successfully enabled and configured LLDP on your RV160/ RV260 router.