

Link Layer Discovery Protocol (LLDP) Statistics on ESW2-350G Switches

Objective

Link Layer Discovery Protocol (LLDP) is a protocol that allows network managers to troubleshoot and modify network management in multi-vendor environments. LLDP enables a device to advertise its identification, configuration, and capabilities to neighboring devices that will then store the data in a Management Information Base.

This article explains how to view LLDP statistics for each port on the ESW2-550X stackable managed switches.

Applicable Devices

- ESW2-550X
- ESW2-550X-DC

Software Version

- v1.2.9.44

View LLDP Statistics

Step 1. Log in to the web configuration utility of the switch and choose **Administration > Discovery - LLDP > LLDP Statistics**. The *LLDP Statistics* page opens:

LLDP Statistics Table								Showing 1-50 of 50	All	per page
Filter: <i>Interface Type</i> equals to										
Port of Unit 1/1										
Go										
Interface	Tx Frames	Rx Frames			Rx TLVs		Neighbor's Information			
	Total	Total	Discarded	Errors	Discarded	Unrecognized	Deletion Count			
GE1	0	0	0	0	0	0	0			
GE2	0	0	0	0	0	0	0			
GE3	0	0	0	0	0	0	0			
GE4	0	0	0	0	0	0	0			
GE5	0	0	0	0	0	0	0			
GE6	0	0	0	0	0	0	0			
GE7	0	0	0	0	0	0	0			
GE8	0	0	0	0	0	0	0			
GE9	36875	36870	0	0	0	0	0			
GE10	0	0	0	0	0	0	0			
GE11	0	0	0	0	0	0	0			
GE12	0	0	0	0	0	0	0			
GE13	0	0	0	0	0	0	0			
GE14	34	10	0	0	0	0	1			
GE15	0	0	0	0	0	0	0			

Step 2. Choose the desired interface from the *Interface Type* equals to drop-down list. Click

Go.

The following information is displayed for each port:

- Interface — The identifier of the interface.
- Tx Frames Total — The total number of transmitted frames.
- Rx Frames — Received frames.
 - Total — The total number of received frames.
 - Discarded — The total number of received frames that were discarded..
 - Errors — The total number of received frames with errors.
- Rx TLVs — Type-Length-Values of received frames.
 - Discarded — The total number of received TLVs that were discarded.
 - Unrecognized — The total number of received TLVs that were unrecognized by the system.
- Neighbor's Information Deletion Count — The number of times the neighbor information has aged-out on a particular interface.

Step 3. Click **Refresh** to update the statistics on the page.