

Data Link Layer Traffic Analysis of LLDP

The image shows the Cisco Packet Tracer interface with a network topology and a CLI window for Switch1.

Network Topology:

- Switch0 (2960-24TT) is connected to Switch1 (2960-24TT) via a dashed line.
- Switch1 is connected to Router0 (1941) via a solid line.

CLI Window for Switch1:

```
Switch1#show lldp nei
Capability codes:
(R) Router, (B) Bridge, (T) Telephone, (C) DOCSIS Cable Device
(W) WLAN Access Point, (F) Repeater, (S) Station, (O) Other
Device ID    Local Intf  Hold-time  Capability  Port ID
Switch      Fa0/1      120       B          Fa0/1

Total entries displayed: 1
Switch#show lldp neighbors
Capability codes:
(R) Router, (B) Bridge, (T) Telephone, (C) DOCSIS Cable Device
(W) WLAN Access Point, (F) Repeater, (S) Station, (O) Other
Device ID    Local Intf  Hold-time  Capability  Port ID
Switch      Fa0/1      120       B          Fa0/1

Total entries displayed: 1
Switch#show lldp

Global LLDP Information:
Status: ACTIVE
LLDP advertisements are sent every 30 seconds
LLDP hold time advertised is 120 seconds
LLDP interface reinitialization delay is 2 seconds
Switch#
```

The bottom status bar shows the time as 00:22:31, the mode as Realtime, and the temperature as 25°C Mostly clear.