Port Mirroring
Configuration Commands

level
one

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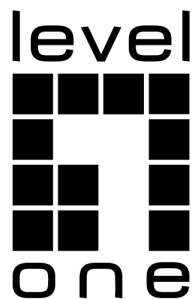# Chapter 1   Configuring Port Mirroring Commands

1.1 Port Mirroring Configuration Commands

The following are port mirroring configuration commands:

- mirror
- show mirror

1.1.1   mirror

Syntax

[**no**] **mirror session** *session_number* {**destination** {**interface** *interface-id* } { **rspan** *vid*} | **source** {**interface** *interface-id* [, | -] [**rx** | **tx** | **both**] }

The command is used to configure port mirroring.

Parameters

Parameter	Description
session_number	Number of port mirroring, whose value ranges from 1 to 4.
destination	Information about the destination port mirroring
vid	Vid of remote mirror tag
source	Information about the mirrored port
rx | *tx* |*both*	Data flow that will be mirrored **rx** means that the input data is mirrored. **tx** means that the output data is mirrored. **both** means that input and output data are mirrored.

Default

None

Usage Guidelines

Configure the command in the global configuration mode.

Note:

When the unknown unicasts, broadcast and other unknown unicast output the mirrored data, configure mirror session 1 as a source port.

Example

Local mirror: The following example shows how to configure interface g0/0/2 to the output mirror of interface g0/0/1.

Switch(config)# mirror session 1 destination interface g0/0/2
Switch(config)# mirror session 1 source interface g0/0/1

Remote mirror: The following example shows how to configure interface g0/0/2 to the local output mirror port of interface g0/0/1. The remote mirror vlan is 100.
Switch(config)# mirror session 1 destination interface g0/0/2 rspan 100
Switch(config)# mirror session 1 source interface g0/0/1

1.1.2   show mirror

Syntax

show mirror [session *session_number]*

It is used to display the port mirroring information.

Parameter

Parameter	Description
session_number	Number of port mirroring, value range from 1 to 4.

Default

None

Usage Guidelines

It is used to display the port mirroring information.

Example

The following example shows how to display the port mirroring information of the session 1.
Switch(config)#show mirror session 1

Session 1

Destination Ports: None
Source Ports:
      RX Only: None
      TX Only: None
      Both: None