Port Mirroring Configuration Commands

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Chapter 1 Port Mirroring Configuration Commands

1.1   Port Mirroring Configuration Commands

Port mirroring configuration commands include:

- mirror

- show mirror

1.1.1   mirror

Syntax

To set port mirror, run this command.

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

Parameters

Parameters	Description
session_number	Number of port mirroring Value range: 1-4
destination	Information about destination port mirroring
vid	VID of the tag of remote mirroring
TPID	TPID of the tag of remote mirroring
source	Information about the mirrored port

rx | tx |both	Data flow that will be mirrored Rx means that only the input data is mirrored; tx means that only the output data is mirrored; both means both the input data and the output data are mirrored.

Default Value

None

Usage Guidelines

This command is configured in global configuration mode.

Note:

The unknown unicast packets including the unknown unicast and the broadcast take the source whose mirroring number is 1 as the source port in output mirroring.

Example

Local mirroring: The following example shows how to set interface g0/2 as the output mirroring of interface g0/1.

Switch_config# mirror session 1 destination interface g0/2

Switch_config# mirror session 1 source interface g0/1

Remote mirroring: The following example shows how to set interface g0/2 as the local output mirroring of interface g0/1. The VLAN of remote mirroring is 100. TPID is 0x8100.

Switch_config# mirror session 1 destination interface g0/2 rspan 100 0x8100

Switch_config# mirror session 1 source interface g0/1

1.1.2   show mirror

Syntax

To display the configuration information about port mirroring, run the following command.

show mirror [session *session_number]*

Parameters

Parameters	Description
session_number	Number of port mirroring Value range: 1-4

Default Value

None

Usage Guidelines

This command can be used to display the information about port mirroring.

Example

The following example shows how to display the information of port mirroring on port 1.

Switch_config#show mirror session 1

```
Session 1
---------
Destination Ports: g0/3
Source Ports:
        RX Only:      None
        TX Only: None
        Both:         g0/2
```