



Port Mirroring Configuration Commands

As our products undergo continuous development the specifications are subject to change without prior notice.

Table of Contents

Chapter 1 Configuring Port Mirroring Commands.....	1
1.1 Port Mirroring Configuration Commands	1
1.1.1 mirror	1
1.1.2 show mirror.....	2

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* *tpid* } | source {interface *interface-id* [, | -] [rx | tx | both] }

The command is used to configure port mirroring.

Parameters

Parameter	Description
<i>session_number</i>	Number of port mirroring, whose value ranges from 1 to 4.
destination	Information about the destination port mirroring
<i>vid</i>	Vid of remote mirror tag
<i>tpid</i>	Tpid of remote mirror tag
source	Information about the mirrored port
<i>rx</i> <i>tx</i> <i>both</i>	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 g0/2 to the output mirror of interface g0/1.

```
Switch_config# mirror session 1 destination interface g0/2
```

```
Switch_config# mirror session 1 source interface g0/1
```

Remote mirror: The following example shows how to configure interface g0/2 to the local output mirror port of interface g0/1. The remote mirror vlan is 100, and the 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

show mirror [session *session_number*]

It is used to display the port mirroring information.

Parameter

Parameter	Description
<i>session_number</i>	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: g0/3

Source Ports:

RX Only: None

TX Only: None

Both: g0/2