

Port Mirroring Configuration Commands

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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

Description

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

It is used to configure the command.

Parameters

| Parameter | Description |
|-------------------------------------|--|
| <i>session_number</i> | Number of port mirroring, whose value is 1 |
| <i>destination</i> | Information about the destination port mirroring |
| <i>source</i> | Information about the mirrored port |
| <i>both</i> <i>rx</i> <i>tx</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. |

Usage guidelines

The command is configured in global configuration mode. S2524GT, S2524GX and S2516 only support the tx mirroring output of one port and the **both** dataflow of another port.

Example

Port g0/2 functions as the output mirror of port g0/1.

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

```
Switch(config)# mirror session 1 source interface g0/1 tx
```

2.1.1. show mirror

Description

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, whose value is 1 |

Default

None

Usage guidelines

It is used to display the port mirroring information.

Example

All port mirroring information is displayed.

```
Switch# show mirror
```

```
Session 1
```

```
-----
```

```
Source Ports:
```

```
RX Only: g0/3
```

```
TX Only: None
```

```
Both: None
```

```
Source VLANs:
```

```
RX Only: None
```

```
TX Only: None
```

```
Both: None
```