

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 rx 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. |

Instruction

Configure the command at the global configuration mode.

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
```

1.1.2 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

Instruction

It is used to display the port mirroring information.

Example

All port mirroring information are displayed.

```
Switch# show mirror
```

```
Session 1
```

```
-----
```

```
Source Ports:
```

```
RX Only: Fe0/3
```

```
TX Only: None
```

```
Both: None
```

```
Source VLANs:
```

```
RX Only: None
```

```
TX Only: None
```

```
Both: None
```