

# 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 <b>rx</b> means that the input data is mirrored. <b>tx</b> means that the output data is mirrored. <b>both</b> 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
```