

## 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 <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

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
```

#### 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 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
```