

## Port Mirroring Configuration Commands

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## Table of Contents

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

## Chapter 1 Port Mirroring Configuration Commands

### 1.1 Port Mirroring Configuration Commands

Port mirroring configuration commands include:

- mirror
- show mirror

#### 1.1.1 mirror

##### Syntax

To set port mirror, run this command.

```
[no] mirror session session_number {destination {interface interface-id }
{ rspan vid tpid} | source {interface interface-id [, | -] [rx | tx | both ] }
```

##### Parameters

Parameters	Description
<i>session_number</i>	Number of port mirroring Value range: 1-4
<b>destination</b>	Information about destination port mirroring
vid	VID of the tag of remote mirroring
TPID	TPID of the tag of remote mirroring
<b>source</b>	Information about the mirrored port
<i>rx   tx   both</i>	Data flow that will be mirrored Rx means that only the input data is mirrored; tx means that only the output data is mirrored; both means both the input data and the output data are mirrored.

##### Default Value

None

##### Usage Guidelines

This command is configured in global configuration mode.

##### Note:

The unknown unicast packets including the unknown unicast and the broadcast take the source whose mirroring number is 1 as the source port in output mirroring.

## Example

Local mirroring: The following example shows how to set interface g0/2 as the output mirroring of interface g0/1.

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

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

Remote mirroring: The following example shows how to set interface g0/2 as the local output mirroring of interface g0/1. The VLAN of remote mirroring is 100. 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

To display the configuration information about port mirroring, run the following command.

**show mirror** [session *session\_number*]

### Parameters

Parameters	Description
<i>session_number</i>	Number of port mirroring Value range: 1-4

### Default Value

None

### Usage Guidelines

This command can be used to display the information about port mirroring.

## Example

The following example shows how to display the information of port mirroring on port 1.

```
Switch_config#show mirror session 1
```

```
Session 1
```

```
-----
```

```
Destination Ports: g0/3
```

```
Source Ports:
```

```
    RX Only:      None
```

TX Only:	None
Both:	g0/2