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Mirror Function Commands-2



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Chapter 1 Mirror Commands

1.1 mirror divider

[Function]

Configure mirror divider; **no** command to delete the setting of mirror divider.

[Command Format]

mirror {*ingress* / *egress*} **divider** <1-1023>

no mirror {*ingress* / *egress*} **divider**

[Parameter]

ingress: ingress mirror divider;

egress: egress mirror divider;

divider: copy the reciprocal rate packet of the number of divider ,from source port to the monitor port

1 —1023: number of mirror divider

[Default]

The dividers for ingress mirror and egress divider are 1

[Command Modes]

Global configuration mode, Privileged user (priority 15)

[Command Executing Instruction]

Only users whose priority is 15 can perform the command.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully !

[Example]

Set the ingress divider to 30:

Raisecom (config)# **mirror ingress divider 30**

Set the egress divider to 50:

Raisecom (config)# **mirror egress divider 50**

Delete the mirror divider:

Raisecom (config)# **no mirror ingress divider**

Raisecom (config)# **no mirror egress divider**

[Related commands]

Commands	Description
show mirror	Show the setting of mirror function.

1.2 mirror filter

[Function]

Configure the rule of mirror filter. **no** command is used to recover to default setting.

[Command Format]

mirror {*ingress* / *egress*} **filter** {*destination* / *source*} **mac** *HHHH.HHHH.HHHH*

no mirror {*ingress* / *egress*} **filter**

[Parameter]

ingress: ingress mirror filtering rule;

egress: egress mirror filtering rule;

destination: target MAC address;

source: source MAC address;

HHHH.HHHH.HHHH: MAC address

[Default]

All the packets on the mirror ports are mirrored

[Command Modes]

Global configuration mode; privileged user (priority 15)

[Command Executing Instruction]

Only privileged users whose priority is 15 can use the command.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully !

[Example]

Set the ingress mirror filter rule, only the packet with a source MAC address equals to 0050.8D54.BE64 can be mirrored:

```
Raisecom (config)# mirror ingress filter source mac 0050.8D54.BE64
```

Set the egress mirror filter rule, only the packet with a destination MAC address equals to 0050.8D54.BE64 can be mirrored:

```
Raisecom (config)# mirror egress filter destination mac 0050.8D54.BE64
```

Recover the filter rule to the default setting:

```
Raisecom (config)# no mirror ingress filter
```

```
Raisecom (config)# no mirror egress filter
```

[Related commands]

Commands	Description
show mirror	Show the settings of mirror function.



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