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Mirror Function Commands-5



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Chapter 1 Mirror Commands

1.1 mirror source-vlan portlist *portlist*

[Function]

Set source-VLAN mirror portlist.

[Command Format]

mirror source-vlan portlist *portlist*

[Parameter]

portlist: source-vlan portlist

[Default]

Source-vlan portlist is empty by default.

[Command Modes]

Global configuration mode

[Command Executing Instruction]

This command is used to set source-VLAN portlist, after setting the portlist, the ingress port message will be mirrored if its VID is in the source-VLAN portlist and the port is configured source-vlan mirror enable.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully!

[Example]

Set source-vlan portlist under global configuration mode:

Raisecom(config)# **mirror source-vlan portlist 1-6**

[Related commands]

Commands	Description
no mirror source-vlan portlist	Delete the ports in source-vlan portlist.
show mirror	Show informaiton of the mirror.

1.2 mirror source-vlan vlanlist *vlanlist*

[Function]

Set vlanlist of mirror source-vlan.

[Command Format]

mirror source-vlan vlanlist *vlanlist***[Parameter]***vlanlist*: vlanlist of source-vlan**[Default]**

The vlanlist is empty by default.

[Command Modes]

Global configuration mode

[Command Executing Instruction]

This command is used to set source-VLAN vlanlist, after setting the portlist, the ingress port message will be mirrored if its VID is in the source-VLAN vlanlist and the port is configured source-vlan mirror enable.

[Explanation of command execution echo]*Set successfully**Set unsuccessfully!***[Example]**

Set source-vlan vlanlist under global configuration mode:

Raisecom(config)# **creat vlan 10-20 active**Raisecom(config)# **mirror source-vlan vlanlist 10-20****[Related commands]**

Commands	Description
no mirror source-vlan vlanlist	Delete the ports in source-vlan vlanlist.
show mirror	Show all the mirror setting.

1.3 no mirror source-vlan portlist

[Function]

Delete source-VLAN mirror portlist.

[Command Format]**no mirror source-vlan portlist****[Default]**

Source-vlan portlist is empty by default.

[Command Modes]

Global configuration mode

[Command Executing Instruction]

This command is used to delete source-VLAN portlist.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully!

[Example]

Delete source-vlan portlist under global configuration mode:

Raisecom(config)# **no mirror source-vlan portlist**

[Related commands]

Commands	Description
mirror source-vlan portlist <i>portlist</i>	Set source-vlan portlist.
show mirror	Show all the mirror information.

1.4 no mirror source-vlan vlanlist

[Function]

Delete vlanlist of mirror source-vlan.

[Command Format]

no mirror source-vlan vlanlist

[Default]

The vlanlist is empty by default.

[Command Modes]

Global configuration mode

[Command Executing Instruction]

This command is used to delete source-VLAN vlanlist.

[Explanation of command execution echo]

Set successfully

Set unsuccessfully!

[Example]

Delete source-vlan vlanlist under global configuration mode:

Raisecom(config)# **creat vlan 10-20 active**

Raisecom(config)# **no mirror source-vlan vlanlist**

[Related commands]

Commands	Description
mirror source-vlan vlanlist <i>vlanlist</i>	Set the ports in source-vlan vlanlist.
show mirror	Show all the mirror setting.

1.5 show mirror

[Function]

Show the mirror situation for all the settings.

[Command Format]

show mirror

[Command Modes]

Privileged EXEC

[Explanation of command execution echo]

Mirror: <Disable/Enable>

Monitor port: <port-id>

-----the ingress mirror rule-----

Mirrored ports:<port-id>

VlanMirrored ports: <port-id>

VlanMirrored Vlan:<vlan-id>

----- the egress mirror rule -----

Mirrored Ports:<port-id>

[Example]

Show the mirror information of port 1 in Privileged EXEC mode:

Raisecom# **show mirror**

[Related commands]

Commands	Description
mirror source-vlan vlanlist portlist	Set vlanlist of source-vlan.
mirror source-vlan portlist portlist	Set the portlist of source-vlan.
no mirror source-vlan portlist	Delete portlist of source-vlan.
no mirror source-vlan vlanlist	Delete the vlanlist of source-vlan.



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