How to Configure Port Mirroring

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Port mirroring is to copy the data of the monitored port to a specified monitoring port f or analysis and monitoring.

To configure port mirroring:

[S9500] mirroring-group~1~inbound~GigabitEthernet~9/1/1~GigabitEthernet~9/1/2 mirrored-to~GigabitEthernet~9/2/1

 $[S9500] mirroring-group\ 2\ outbound\ GigabitEthernet\ 9/1/1\ GigabitEthernet\ 9/1/2\ mirrored-to\ GigabitEthernet\ 9/2/1$

Note when configuring port mirroring:

- 1. The Ethernet switch support many-to-one mirroring, namely, the packets of multiple ports can be copied to a monitoring port.
- 2. S9500 supports trans-board mirroring, namely, the monitoring port and the monitor ed port can be on different linecards.
- 3. For non-transboard mirroring, all the mirroring groups with the same direction on a linecard can be configured with only one monitoring port.
- 4. For transboard mirroring, all the mirroring groups with the same direction on a linecard can be configured with only one monitoring port (the monitoring port is on an other linecard).
- 5. For port mirroring groups monitoring outbound packets, the total monitored ports of all the mirroring groups must be no more than 8.
- 6. A port can be the monitoring port and the monitored port of different mirroring groups.
- 7. The mirror (including inbound mirror and outbound mirror) of the monitored port on the same GV48 can have only one monitoring port.
- 8. XP4B board does not support mirroring of the trans-processing chip.