



## 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 for 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 monitored 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 another 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.