Port Mirroring Configuration

- I -

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1.2.1   Configuring Port Mirroring

Through configuring port mirroring, you can use one port of a switch to observe the traffic on a group of ports.

S2524, S2516 and S2524GX have only one destination port and one souce port for mirroring.

Enter the privilege mode and perform the following steps to configure port mirroring:

| Command	Description
configure	Enters the global configuration mode.
mirror session *session_number* {**destination** {**interface** *interface-id*} | **source** {**interface** *interface-id* [, | -]rx] }	Configures port mirroring. **session-number** is the number of the port mirroring. **destination** is the destination port of the mirroring. **source** is the source port of mirroring. **rx** means the input data of mirroring.
exit	Enters the management mode again.
write	Saves the configuration.

1.2.2   Displaying Port Mirroring Information

Run show to display the configuration information of port mirroring.

Command	Description
show mirror [session *session_number]*	Displays the configuration information about port mirroring. **session-number** is the number of the port mirroring.

1.3　Remote Mirroring Configuration Example

The network topology is shown in the following figure:
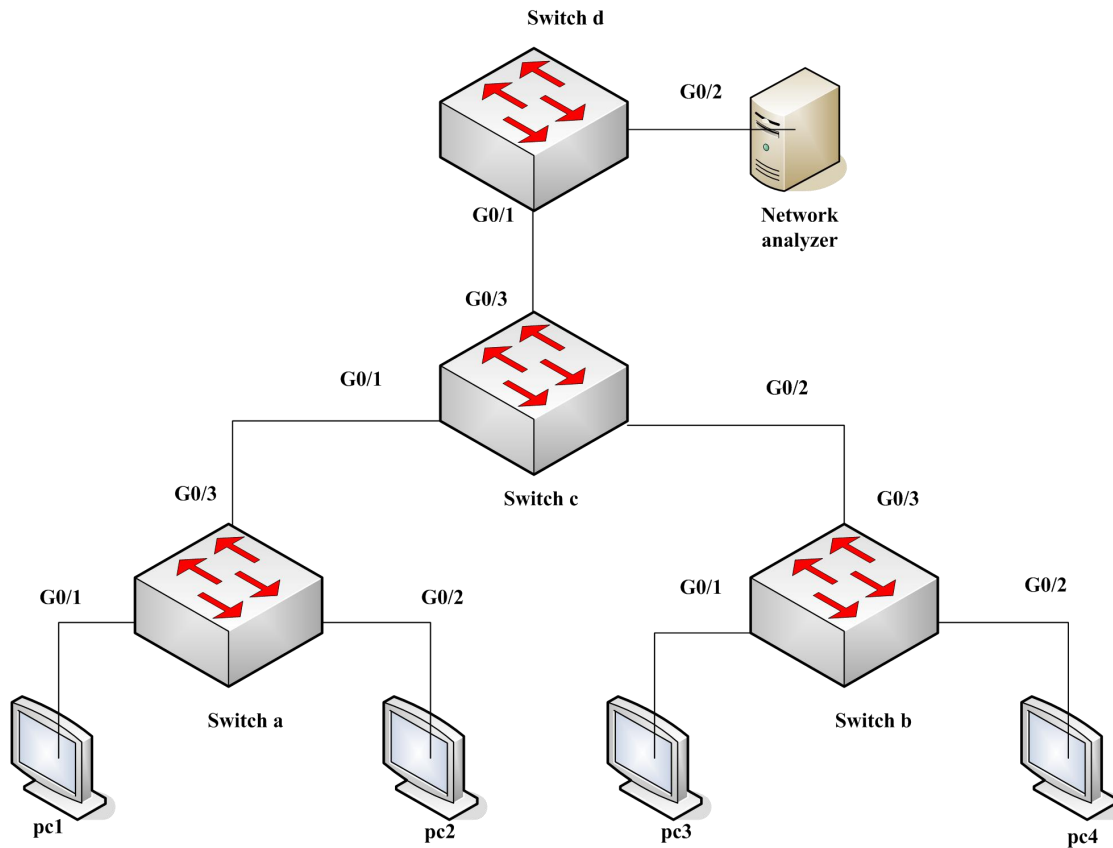
You need to monitor the traffic of interface g0/1 on switch a and interface g0/1 on switch b by the network analysis meter.

Configure as follows by the remote mirroring:

switch a：

mirror session 1 destination interface g0/3 rspan 100 0x8100

mirror session 1 source interface g0/1 both

switch b：

mirror session 1 destination interface g0/3 rspan 1000 0x8100

mirror session 1 source interface g0/1 both

switch c：

vlan disable-learning 100,1000

```
!
interface GigaEthernet0/1
  switchport mode trunk
!
interface GigaEthernet0/2
  switchport mode trunk
!
interface GigaEthernet0/3
  switchport mode trunk
!
!
vlan 1,100,1000
!
```

switch d：

```
mirror session 1 destination interface g0/2
mirror session 1 source interface g0/1 both
```