

# SNR

- SPAN
- RSPAN
- ERSPAN
- 

(mirroring) - / CPU . , . . , , .

SNR (monitor session). , , . source , :

```
monitor session 1 source interface ethernet <if_list> {rx | tx | both}
```

CPU:

```
monitor session 1 source cpu {rx | tx | both}
```



source !



S2990G CPU monitor session 4.

4 .

\ SPAN, RSPAN, ERSPAN. .

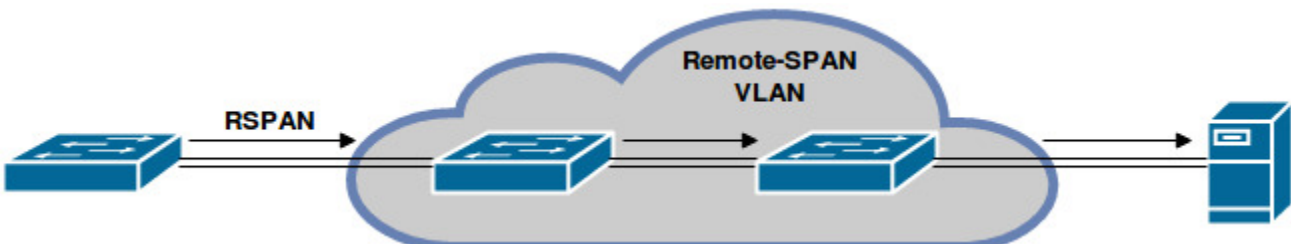
## SPAN



, , Source:

```
monitor session 1 destination interface ethernet <if_name>
```

## RSPAN



Remote SPAN Remote VLAN.

```
!
monitor session 1 destination interface ethernet <if_name>
monitor session 1 remote vlan <VLAN_id>
!
```

(VLAN\_id). , Remote SPAN VLAN. :

```
!
vlan <vlan_id>
remote-span
!
```



S2962, S2965, S2982G, S2985G RX Source Interface RSPAN. Remote SPAN VLAN + Reflector Port.

Remote SPAN VLAN - VLAN, MAC- , Remote SPAN VLAN. Destination , Remote SPAN VLAN Reflector port - , . Reflector port .  
RemoteSPAN VLAN - .

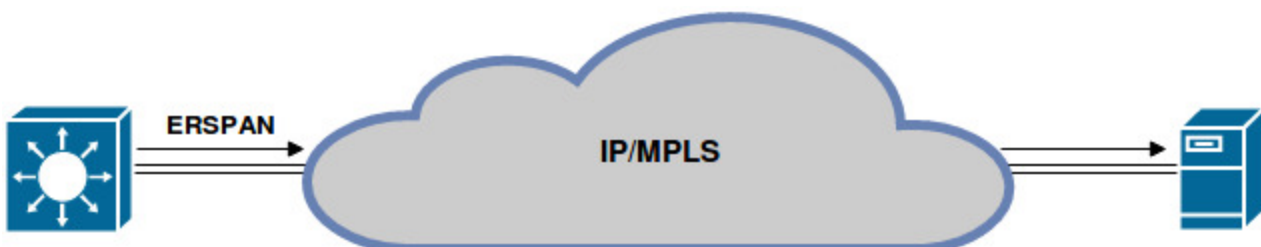
Remote SPAN VLAN Remote VLAN, Reflector port Trunk:

```
!
vlan <vlan_id>
remote-span
!
interface <if_name>
switchport mode trunk
switchport trunk allowed vlan <vlan_id>
!
monitor session 1 remote vlan <vlan_id>
monitor session 1 reflector-port ethernet <if_name>
!
```

Port-Channel ( Destination ): Remote SPAN VLAN Port-Channel.

c Remote SPAN VLAN , , MTU 4 ( 1504).

## ERSPAN



Encapsulated Remote SPAN ( S300G, S4550, S4650X, S400X, S4350X . [Datasheet](#)) - GRE IP-.

GRE- Destination:

```
monitor session 1 destination tunnel <tunnel_num>
```

ACL . IP ACL, MAC ACL:

```
monitor session 1 source interface ethernet <if_name> access-list <acl_name> rx
```

Deny ACL , , , . , - .

ACL RX. ACL TX , : Source ACL , .