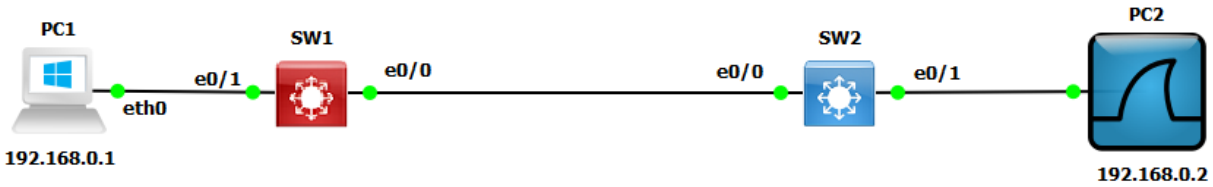
RSPAN:

- RSPAN is term which is stands for Remote Switched Port Analyzer.
- Source port can be a routed port, switchport, trunk or etherchannel.
- When destination is a remote interface on another switch called RSPAN.
- Supports source ports, source VLANs & destination ports on different switches.
- Each session carries SPAN traffic over user-specified dedicated RSPAN VLAN.
- Remote Switched Port Analyzer supports a SPAN session more than one Switch.
- Remote Switched Port Analyzer need to use VLAN for Remote SPAN traffic.
- RSPAN need to use a a dedicated VLAN that carries the traffic that are copying.
- Remote Switched Port Analyzer enables to monitor traffic between Switches.
- RSPAN allows traffic that is sourced from Switch to be mirrored to a remote Switch.



SW1 Configuration
SW1(config)#vlan 100 SW1(config-vlan)#remote-span
SW1(config)#interface Ethernet 0/0 SW1(config-if)#switchport trunk encapsulation dot1q SW1(config-if)#switchport mode trunk
SW1(config)#monitor session 1 source interface Ethernet 0/1 SW1(config)#monitor session 1 destination remote vlan 100
SW1#show monitor session all
SW2 Configuration
SW2(config)#vlan 100 SW2(config-vlan)#remote-span
SW2(config)#interface Ethernet 0/0 SW2(config-if)#switchport trunk encapsulation dot1q SW2(config-if)#switchport mode trunk
SW2(config)#monitor session 1 source remote vlan 100 SW2(config)#monitor session 1 destination interface Ethernet 0/1
SW2#show monitor session all