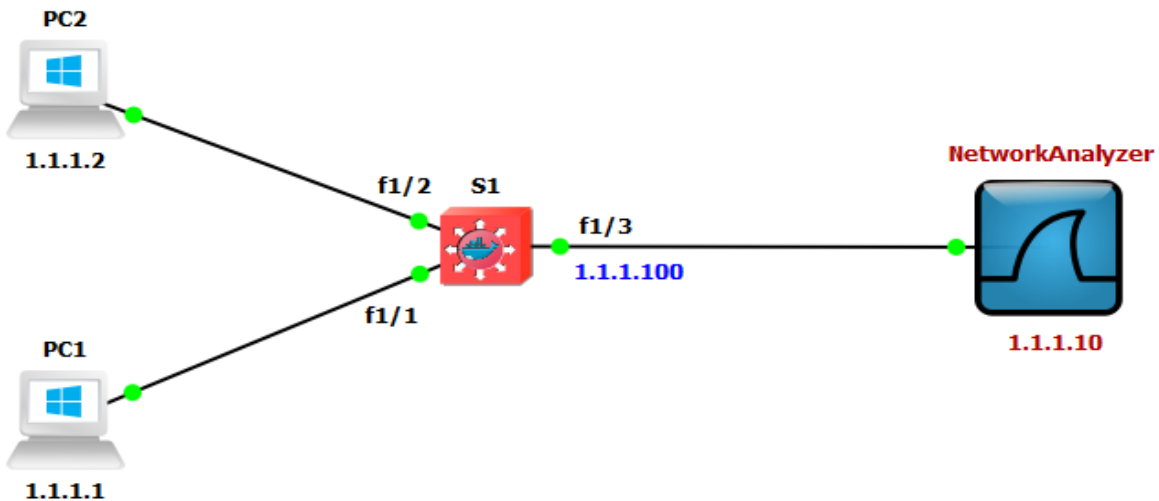
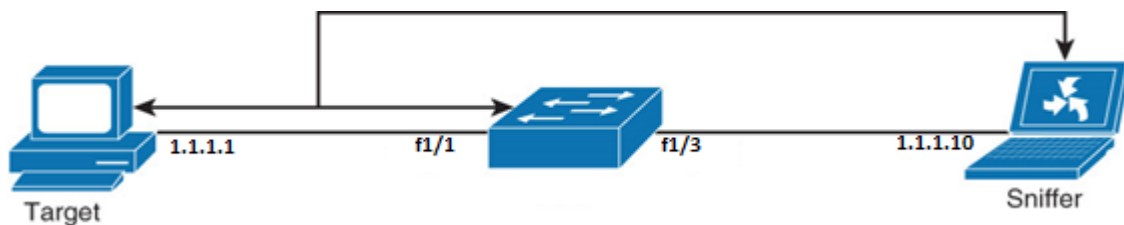


Local SPAN:

- o Local Switched Port Analyzer supports SPAN session entirely within one Switch.
- o All source ports or source VLANs and destination ports are in the same Switch.
- o Local SPAN copies traffic from source ports to a destination port for analysis.
- o Copy all traffic from a source port or source VLAN to a destination interface.
- o When use destination interface on the same Switch, the Switch call SPAN.
- o Up to 64 SPAN destination ports can be configured on a Cisco Switch.
- o Port can act as destination port for only one Switched Port Analyzer session.
- o Both L2 switched ports & L3 ports can be configured source or destination ports.



S1(config)#monitor session 1 source interface FastEthernet 1/1
S1(config)#monitor session 1 destination interface FastEthernet 1/3
S1#show monitor session 1
S1#show interfaces FastEthernet 1/3

```

S1# show interfaces fastEthernet 1/3
FastEthernet1/3 is up, line protocol is down (monitoring)
Hardware is Fast Ethernet, address is c201.3ec8.f103 (bia c201.3ec8.f103)
MTU 1500 bytes, BW 100000 Kbit, DLY 100 usec,
reliability 255/255, txload 1/255, rxload 1/255
Encapsulation ARPA, loopback not set

```

Time	Source	Destination	Protocol	Length	Info
32 27.236167	1.1.1.2	1.1.1.1	ICMP	98	Echo (ping) reply
34 28.251150	1.1.1.1	1.1.1.2	ICMP	98	Echo (ping) request
35 28.251515	1.1.1.2	1.1.1.1	ICMP	98	Echo (ping) reply
37 29.267079	1.1.1.1	1.1.1.2	ICMP	98	Echo (ping) request
38 29.267404	1.1.1.2	1.1.1.1	ICMP	98	Echo (ping) reply
39 30.281034	1.1.1.1	1.1.1.2	ICMP	98	Echo (ping) request
40 30.281375	1.1.1.2	1.1.1.1	ICMP	98	Echo (ping) reply
46 31.297370	1.1.1.1	1.1.1.2	ICMP	98	Echo (ping) request