

## b) Remote Mirror or RSPAN

With remote mirroring on ProVision, mirrored traffic can traverse IP networks. With remote mirroring on Comware 5 and Cisco, mirrored traffic must be in the same subnet

ProVision	Comware 5	Cisco
(switch where analyzer is connected)	(switch with traffic of interest)	(switch where analyzer is connected)
ProVision(config)# mirror endpoint ip 10.0.1.1 7922 10.0.100.24 port 12	[Comware5]mirroring-group 1 remote-source	Cisco(config)#vlan 950
	[Comware5]vlan 960	Cisco(config-vlan)#remote-span
	[Comware5]mirroring-group 1 remote-probe vlan 960	Cisco(config)#interface f0/9
	[Comware5]mirroring-group 1 mirroring-port g1/0/18 both	Cisco(config-if)#switchport trunk encapsulation dot1q
	[Comware5]mirroring-group 1 monitor-egress g1/0/6	Cisco(config-if)#switchport trunk allowed vlan 100,950
		Cisco(config-if)#switchport mode trunk
		Cisco(config-if)#switchport nonegotiate
		Cisco(config)#monitor session 1 source remote vlan 950
		Cisco(config)#monitor session 1 destination interface f0/12 encapsulation replicate
ProVision# show monitor		Cisco#show monitor
ProVision# show monitor endpoint		Cisco#show monitor session 1
(switch with traffic of interest)	(switch where analyzer is connected)	(switch with traffic of interest)
ProVision2(config)# mirror 1 remote ip 10.0.1.1 7922 10.0.100.24	[Comware52]vlan 960	Cisco2(config)#vlan 950
ProVision2(config)# interface 18 monitor all both mirror 1	[Comware52]interface g1/0/1	Cisco2(config-vlan)#remote-span
	[Comware52-GigabitEthernet1/0/1]port link-type trunk	Cisco2(config)#interface f0/17
	[Comware52-GigabitEthernet1/0/1]port trunk permit vlan 960	Cisco2(config-if)#switchport trunk encapsulation dot1q
	[Comware52]mirroring-group 1 remote-destination	Cisco2(config-if)#switchport trunk allowed vlan 100,950
	[Comware52]mirroring-group 1 remote-probe vlan 960	Cisco2(config-if)#switchport mode trunk
	[Comware52]mirroring-group 1 monitor-port g1/0/2	Cisco2(config-if)#switchport nonegotiate
		Cisco2(config)# monitor session 1 source interface FastEthernet0/22
		Cisco2(config)# monitor session 1 destination remote vlan 950
ProVision2# show monitor 1	[Comware5]display mirroring-group 1	Cisco2#show monitor
		Switch2#show monitor session 1 detail