

## Test Case-62

**Test Name:** RJIL-IP-QA-DS-SYS-066

**Test Objective:** To check Switch should support port mirroring

**Test Configuration:**

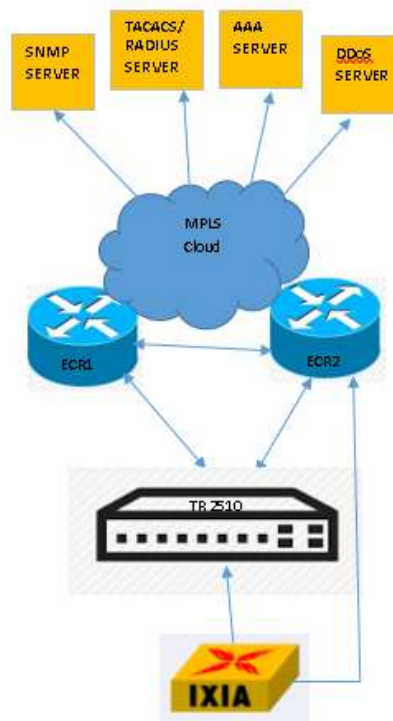
!

mirror session 1 destination interface g0/6

mirror session 1 source interface g0/8 both

!

**Test Set up (Including Pre requisites):** Switch , ECR1,ECR2,IXIA



**Procedure:** Connect switch to IXIA

**Action:**

**Response:**

<b>1</b>	show mirror session 1	<b>1</b>	Switch will show the TX and RX packets of the mirrored port
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**Expected Result:** Switch will show the TX and RX packets of the mirrored port

**Actual Result:**

2510 port mirroring test case\_test case 66.pcapng [Router1 Ethernet0/0 to Cloud-1 Npcap Loopback Adapter]

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No.	Time	Source	Src Port	SrcMAC	Destination	Dst Port	DestMAC	Proto	Vlan	Length	Info
47	15.2026	Cisco_a9:66:bf		Cisco_a9:66:bf	Broadcast		Broadcast	ARP	883	68	Who has 10.64.89.230? Tell 10.64.89.226
48	15.2026	Cisco_a9:66:bf		Cisco_a9:66:bf	Broadcast		Broadcast	ARP	883	68	Who has 10.64.89.230? Tell 10.64.89.226
49	15.6105	10.64.89.226		IETF-VRRP-VRID_4c	224.0.0.18		IPv4mcast_12	VRRP	883	64	Announcement (v3)
50	15.6105	10.64.89.226		IETF-VRRP-VRID_4c	224.0.0.18		IPv4mcast_12	VRRP	883	64	Announcement (v3)
51	16.7205	fe80::2a6f:7fff:fea9::...		IcannIan_00:02:5f:ff02::112			IPv6mcast_12	VRRP	883	102	Announcement (v3)
52	16.7205	fe80::2a6f:7fff:fea9::...		IcannIan_00:02:5f:ff02::112			IPv6mcast_12	VRRP	883	102	Announcement (v3)
53	17.6897	Cisco_a9:66:bf		Cisco_a9:66:bf	LLDP Multicast		LLDP Multicast	LLDP		371	TTL = 10 system Name = BGLRLABECR001.RJIL.COM System De
54	18.6417	10.64.89.226		IETF-VRRP-VRID_4c	224.0.0.18		IPv4mcast_12	VRRP	883	64	Announcement (v3)
55	18.6417	10.64.89.226		IETF-VRRP-VRID_4c	224.0.0.18		IPv4mcast_12	VRRP	883	64	Announcement (v3)
56	19.2346	fe80::2a6f:7fff:fea9::...		IcannIan_00:02:5f:ff02::112			IPv6mcast_12	VRRP	883	102	Announcement (v3)
57	19.2346	fe80::2a6f:7fff:fea9::...		IcannIan_00:02:5f:ff02::112			IPv6mcast_12	VRRP	883	102	Announcement (v3)
58	19.8777	fe80::a2ec:f9ff:fe8b::...		Cisco_8b:b6:bf	ff02::d		IPv6mcast_0d	PINL	883	144	Hello
59	19.8777	fe80::a2ec:f9ff:fe8b::...		Cisco_8b:b6:bf	ff02::d		IPv6mcast_0d	PINL	883	144	Hello
60	20.0407	Cisco_88:f9:0b		Cisco_88:f9:0b	Itu-T_00:00:01		Itu-T_00:00:01	CFM	111	64	Type Ring-Automatic Protection Switching (R-APS)
61	20.0407	Cisco_88:f9:0b		Cisco_88:f9:0b	Itu-T_00:00:01		Itu-T_00:00:01	CFM	111	64	Type Ring-Automatic Protection Switching (R-APS)

< Frame 1: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface 0  
 > Ethernet II, Src: Cisco\_88:f9:0b (28:6f:7f:88:f9:0b), Dst: Itu-T\_00:00:01 (01:19:a7:00:00:01)  
 > 802.1Q Virtual LAN, PRI: 7, DEI: 0, ID: 111  
 > CFM EoAM 802.1ag/ITU Protocol, Type Ring-Automatic Protection Switching (R-APS)  
 > CFM R-APS PDU  
 > CFM TLVs

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0000  01 19 a7 00 00 01 28 6f 7f 88 f9 0b 81
0010  89 02 e1 28 00 20 00 80 28 6f 7f 88 f9
0020  00 00 00 00 00 00 00 00 00 00 00 00 00
0030  00 00 00 00 00 00 00 00 00 00 00 00 00
  
```