# **Configure the Correct Capture Interfaces on a Secure Analytics Flow Sensor 4240 Appliance**

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#### Introduction

This document describes how to set the proper capture interface(s) on the Flow Sensor 4240 hardware appliance.

## Problem

There are two options for capture interfaces on the Flow Sensor 4240 model. You have the option to use either 4x10G Intel Cards OR 2x40G Qlogic/Marvell cards. If configured incorrectly, you could see traffic mirrored to eth1 and eth2 but Engine Status only displays statistics for eth6 and eth7. In this case we need to configure the proper capture interfaces.

Name	Up	IP Address	MAC Address	Auto Neg	Link Speed (bps)	Duplex	MTU	RX				TX			
								Bytes	Packets	Errors	Dropped	Bytes	Packets	Errors	Dropped
eth0	Yes	172.20.1.22	b8:11:4b:ae:1e:92	Yes	1G	Full	1500	6.55M	10.71k			10.79M	15.3k		
eth1	Yes		b8:11:4b:ae:1e:93	Yes		Full	1500								
eth2	Yes		40:a6:b7:3b:4f:30	No	10G	Full	1500	93.03G	129.32M		219				
eth3	Yes		40:a6:b7:3b:4f:31	No	10G	Full	1500	314.33G	566.6M		4.42M				
eth4	Yes		40:a6:b7:3b:4f:32	No		Full	1500								
eth5	Yes		40:a6:b7:3b:4f:33	No		Full	1500								
eth6	No		f4:e9:d4:3f:4c:14	Yes		Full	9600								
eth7	No		f4:e9:d4:3f:4c:15	Yes		Full	9600								

#### Engine Status

			Capture					Process		Export	
Interface	Alarms	Engine Uptime	Bandwidth (bps)	Packet Rate (pps)	Packets	Dropped Packets	Dropped Packets (%)	Packet Rate (pps)	Packets	Flow Rate (fps)	Flows
eth6		00:12:03	0	0	0	0	0	0	0	0	0
eth7		00:12:15	0	0	0	0	0	0	0	0	0
Total			0	0	0	0	0	0	0	0	0

## Solution

Flow Sensor 4240 can collect on either 4x10G Intel Cards OR on 2x40G Qlogic/Marvell cards.

Access the local webUI of the flow sensor appliance. The monitoring interface selection can be changed on the Advanced Settings of the FlowSensor. Changing the Monitoring Interface Selection results in services restarting.

	anced Settings			
	Export Packet Payload			
2	Export Application Identified	cation		
	Include IPv6			
	Include HTTPS Head	der Data (Applies only to IPFIX exp	ports.)	
	Include HTTP Heade	er Data (Applies only to IPFIX expo	orts.)	
	Export	32	bytes of the HTTP Request Path.	
	Enable VXLAN Decapsula	tion		
	Enable X-Forwarded-For F	Processing		
	Enable ETA Processing			
	Enable Load Balancing			
Mor	nitoring Interface Selection	n:		
0		2 x 40G		
0		4 x 10G (SFP)		
~	ache Mode			
	Jse single, shared, cache	for all monitoring ports		