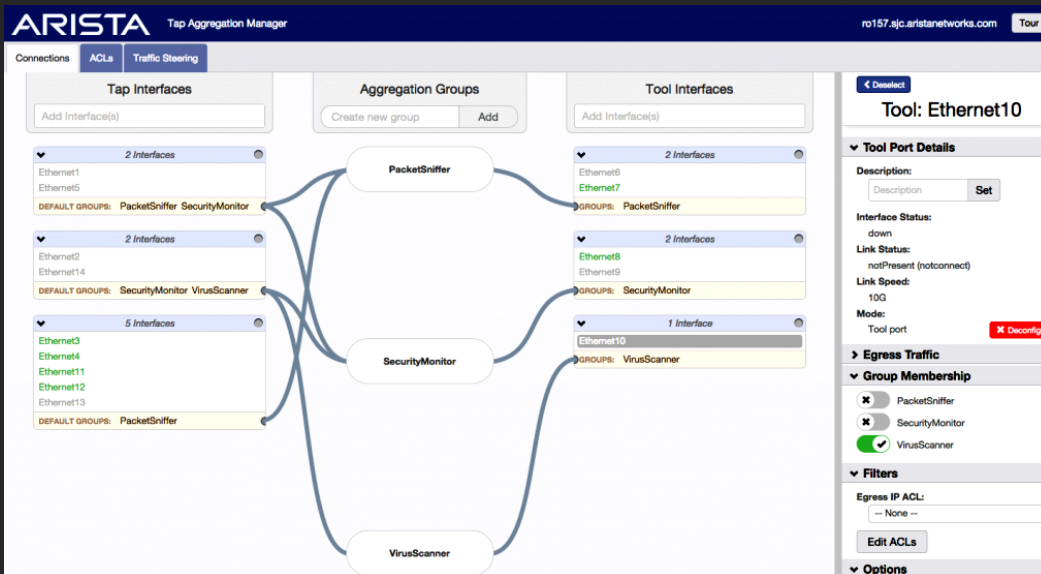


Extended Configuration Capabilities

Beyond the possibilities of aggregating all the traffic on the input ports, the configuration and filtering capabilities available on the Arista matrices allow the most advanced configurations expected.



Defining aggregation rules to multiple analysis ports

The user can thus rely on the following main technical characteristics in order to define the rules adapted to the operating needs.

- Level 2 filtering (VLAN, MAC Address, MPLS etc...)
- Level 3 and 4 filtering (IP Src/Dest, GTP, UDP/TCP Ports, dscp , etc...)
- Filtering by Pattern
- time stamping (to be indicated when ordering)
- traffic steering, ACL
- frame truncation or not
- VLAN Stripping
- LANZ+/ DANZ features with Z license

Real-time optical balance with Allentis TSDA software

The opening of Arista platforms makes it possible to embed software specific to each user. TSDA developed by allentis calculates in real time the optical balance on the IS connected to the flow replication solution put in place.

It alerts operators in the event of power loss according to the parameters defined by the administrators and guarantees the continuous optimal operability of the entire system architecture.

The screenshot shows the TSDA Optical Balance Report interface. It displays a table with the following columns: Interface, Calculated RX dBm, Measured RX dBm, Calculated Optical Budget dB, Measured Optical Budget dB, Sensitivity dBm, TAP/Arista 7150 fiber attenuation dB, TAP ratio, TAP internal attenuation dB, Name, TX dBm, Device/TAP fiber attenuation dB, Name, Calculated RX dBm, and Calculated Optical Budget dB. The table shows data for Ethernet1, Ethernet2, Ethernet3, and Management1.

Interface	Arista 7150 Device				Sensitivity dBm	TAP Device			TX Device			RX Dev		
	Calculated RX dBm	Measured RX dBm	Calculated Optical Budget dB	Measured Optical Budget dB		TAP/Arista 7150 fiber attenuation dB	TAP ratio	TAP internal attenuation dB	Name	TX dBm	Device/TAP fiber attenuation dB	Name	Calculated RX dBm	Calculated Optical Budget dB
Ethernet1	-8.9	0.0	2.1	0.0	-11.0	-1.0	60/40	-4.9	Cisco 3700	-2.5	-0.5	XC32	-6.3	3.7
Ethernet2	-6.9	0.0	4.1	0.0	-11.0	-0.5	60/40	-4.9	XC32	-1.0	-0.5	Cisco 3700	-4.8	4.2
Ethernet3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Optical balance report by TSDA

allentis

140bis, rue de Rennes
75006 Paris—France

Société par Actions Simplifiée

Tél. : 01 70 38 25 45

Fax. : 01 70 38 23 00

info@allentis.eu - www.allentis.com

allentis

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