

ARISTA



NETWORK MONITORING SOLUTION

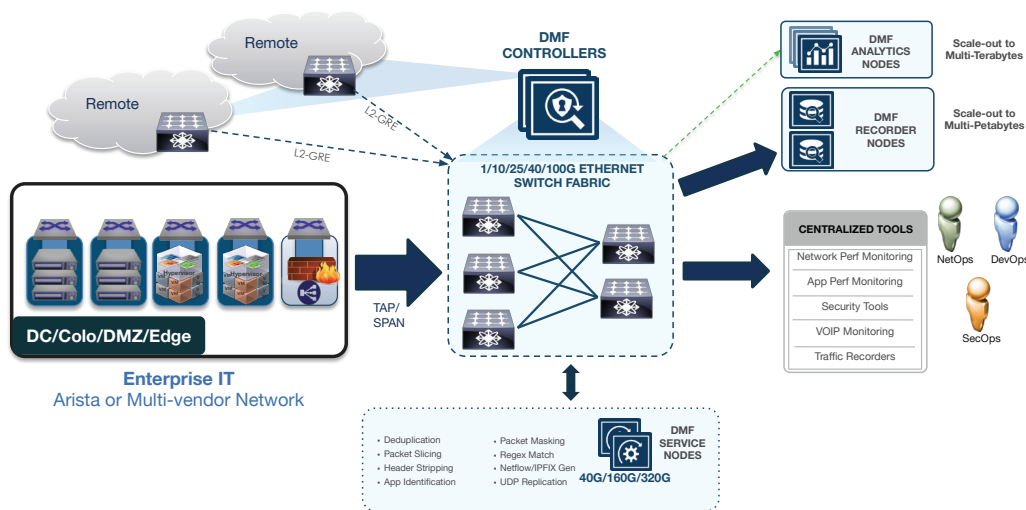
from Arista Networks & Siemon

Arista and Siemon have collaborated to offer customers a Network Monitoring Solution that includes Arista's DANZ Monitoring Fabric (DMF) and Siemon passive traffic-access point (TAP) products.

The team performed extensive testing with several use case example configurations. Utilizing several Siemon TAP modules in the channel, Arista successfully ran and monitored 10G, 25G, 40G & 100G traffic using their DMF software. Below is a summary of the product solutions.

ARISTA'S DMF SOLUTION

DANZ Monitoring Fabric (DMF) is a next-generation network packet broker (NPB) architected for pervasive network visibility delivering real-time and historical insights into your physical and virtual environments.



DMF provides the following key benefits:

Superior Scale-Out Architecture:
Pervasive East-West and North-South visibility for the Data Center.

Integrated Intelligent Visibility:
Enables contextual and predictive analytics for Data Center workloads.

Simplified Network Time Machine:
Faster troubleshooting with integrated packet capture, querying and replay functions.

Optimized CapEx/OpEx:
Single SDN-driven operations dashboard and Ethernet price/performance.

Following are the hardware and software components required for this solution:

COMPONENT	HARDWARE/SOFTWARE
DMF Controller (HA Pair)	Hardware Appliance or Virtual Instance
DMF Switch(es)	Ethernet Switches (1G, 10G, 25G, 40G, 100G and 400G) with Software Licenses
SMART NODE(S) Optional	
Service Node(s)	Hardware Appliance (40G, 160G, 320G)
Recorder Node(s)	Hardware Appliance (192TB storage)
Analytics Node(s)	Hardware Appliance

SIEMON'S LIGHTVERSE® PASSIVE TAP SOLUTION

TAP modules are required to enable Arista's DANZ Monitoring Fabric.

- Utilize the LightVerse Fiber enclosure system available in 1U, 2U & 4U sizes.
- 24 or 48 LC monitored ports/1U, depending on configuration.
- For 10G, 25G, 40G & 100G links.
- Offered in 3 Connectivity options: LC-to-LC , MPO-to-LC & MPO-to-MPO.
- Optical Split Ratios options: 70/30, 50/50 & 50/50 for BiDi.
- Both OS2 & OM4 Ultra-Low-Loss (ULL) options.
- Red-colored adapters clearly identify TAP ports, aqua (MM) & blue (SM) for monitored ports.

LC-to-LC TAP Module



MPO-to-LC TAP Module



MPO-to-MPO TAP Module

