

# VIAVI

## Extending Performance Visibility into Amazon Web Services (AWS)

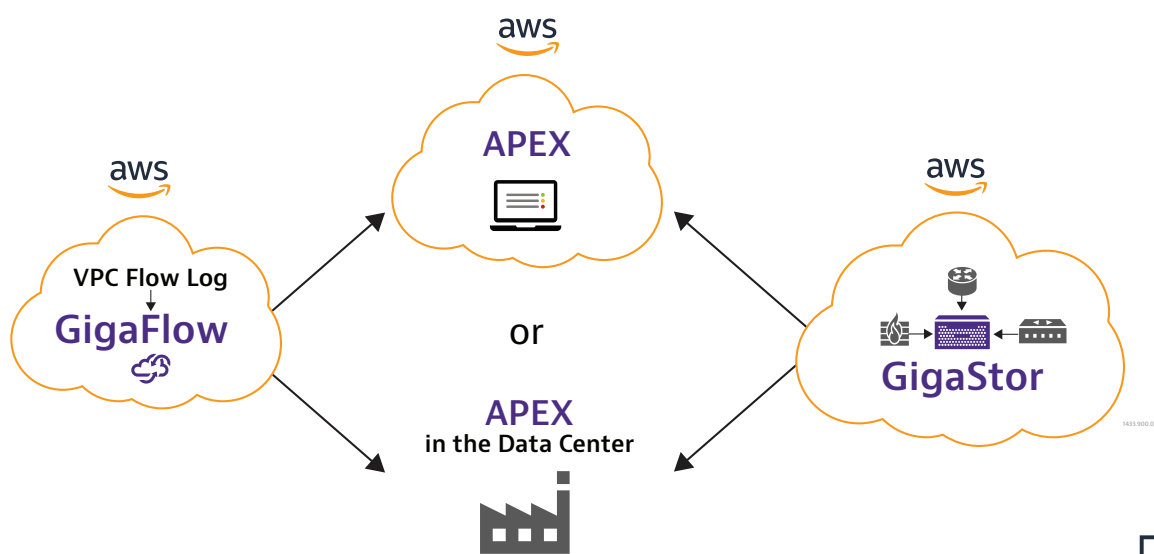
VIAVI Observer APEX, GigaFlow and GigaStor are available in AWS Marketplace.

### The Challenge

As service architectures evolve to become more flexible, scalable, and capable of meeting end-user demands, hybrid IT deployments are becoming more prevalent. To maintain consistently high levels of performance, IT services must adapt. Furthermore, the migration of a growing number of applications from Data Centers to AWS adds to this challenge. Network Engineers, NetOps teams, and now Cloud Administrators must undertake the daunting task of gaining visibility into application traffic, assessing user experience, and addressing performance and security issues in these dynamic environments.

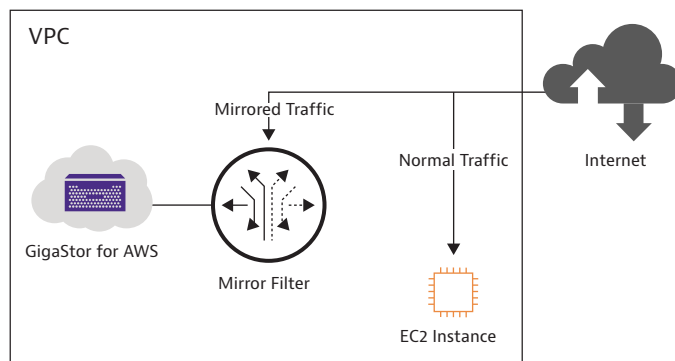
### The Solution

The VIAVI Observer solution provides multi-faceted visibility into on-premises, AWS, and hybrid IT environments. The Observer solution can ingest both packets and AWS VPC Flow Logs to improve visibility and facilitate efficient troubleshooting. The Observer suite of products enables NetOps, SecOps and AWS architecture teams to better understand and enhance the End-User Experience.



## Observer GigaStor for AWS

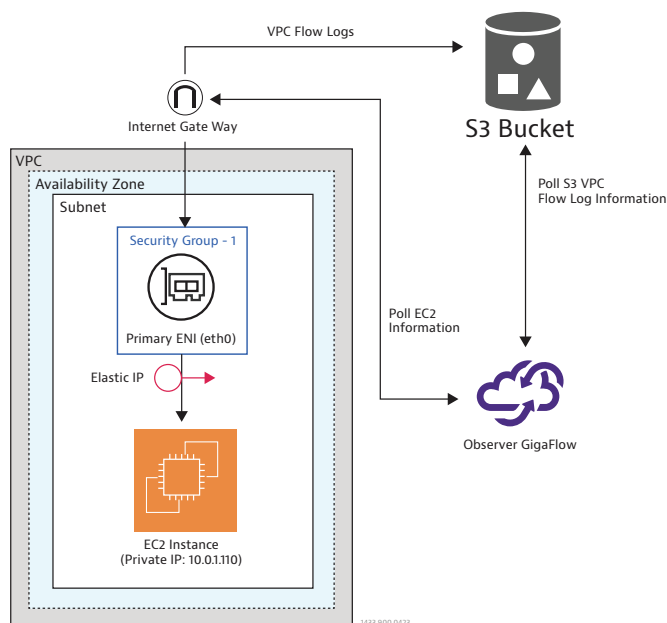
**Packet capture power in AWS.** With access to real time and historical data for analysis, the Observer GigaStor now offers the same functionality and power you rely on in the Data Center by extending it to your AWS environment. The platform accelerates troubleshooting and reduces mean time to resolution for the operations team providing a faster and more efficient solution. Additionally, it offers comprehensive data intelligence for network troubleshooting, security forensics, and regulatory compliance.



GigaStor deployment with AWS packet mirroring

## Observer GigaFlow for AWS

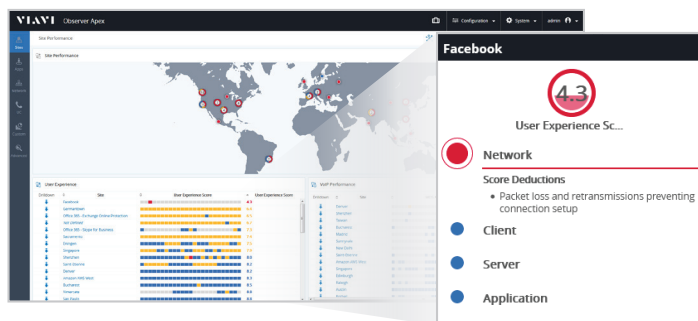
**Enriched Flow intelligence for NetOps and SecOps.** GigaFlow provides user-focused insight for managing performance and security challenges by combining different data sets into a single enriched record. This provides in-depth details for security and performance analysis on applications and traffic patterns. GigaFlow polls the AWS S3 bucket to ingest both VPC Flow Log and EC2 information for the different regions.



Enriched Flow intelligence for NetOps and SecOps

## Observer APEX for AWS

**Centrally Managed End-User Experience, Performance and Security.** The power of VIAVI Observer APEX is now available in AWS and offers comprehensive real-time visibility of critical applications hosted in AWS or on-premise in the Data Center. APEX provides a centralized platform to analyze and troubleshoot application performance issues utilizing our patented End-User Experience scoring. For network security, APEX helps investigate and document incidents of concern or confirmed security breaches by providing in-depth post event forensics. APEX can reside in AWS or on-premises in the Data Center.



Centrally Managed End-User Experience, Performance and Security

## Observer GigaStor Probe for AWS

Model Specification	
vCPU	8
Memory (Gb)	32
OS Storage	100 Gb – gp2 (root volume) Not encrypted (GS-M)
	300 Gb – gp2 (EBS volume) Not encrypted (GS-M to GSE for WTD)
	@optimal performance
Instance Type	m5zn.2xlarge; Family: m5zn
	Connects to APEX

## Observer GigaFlow for AWS

Model Specification	
vCPU	8
Memory (Gb)	32
OS Storage	100 Gb – gp2 (root volume) Not encrypted
	576 Gb – gp3 (EBS volume) Not encrypted
Instance Type	m6i.2xlarge; Family: m6i
Supported Browser	Chrome, Firefox, Edge

## Observer APEX for AWS

Model Specification	
vCPU	16 (APEX Standard)
	32 (APEX Workgroup)
Memory (Gb)	64 (APEX Standard)
	128 (APEX Workgroup)
OS Storage	80 Gb – gp2 (root volume) Not encrypted
	1024 Gb – gp3 (EBS volume) Not encrypted
	1024 Gb – gp3 (EBS volume) Not encrypted
	16000 IOPS; 600 Throughput – for optimal performance
Instance Type	m6i.4xlarge; Family: m6i (APEX Standard)
	m6i.8xlarge; Family: m6i (APEX Workgroup)
Supported Browser	Chrome, Firefox, Edge

The VIAVI Observer solution now allows NetOps, SecOps, and DevOps teams to efficiently analyze and troubleshoot services hosted on-premise, in AWS, or in a combined hybrid architecture.



[Find us on AWS – click here.](#)

[To learn more about the Observer solution – click here.](#)



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