The Challenge
Securing workloads in the public cloud is a shared responsibility. Your organization is responsible for applying the latest technologies and security intelligence to all traffic traversing your cloud workloads. Without physical TAPs or SPAN sessions, complete data in motion visibility within the public cloud is challenging.

The Solution
The Gigamon Visibility Platform for AWS and Cisco Firepower offer a combined solution that delivers pervasive visibility into data-in-motion across public, private, and hybrid cloud workloads. Cisco helps ensure market leading security technology and intelligence are available while Gigamon provides efficient and resilient access to the traffic it needs to protect. Security teams can rely on the joint solution to protect their AWS workloads while network and cloud operation teams are assured that the business they support are uninterrupted and well managed.

Key Benefits of the Joint Solution

Operational Efficiency
- One consistent way to access, categorize and consolidate the delivery of network traffic to Firepower and additional tools (SIEM, APM/NPM, DLP) in the cloud or on-premise
- Advanced filtering options helps ensure only relevant sessions or IP packets are processed by Firepower
- Optimized workload performance using a single, lightweight agent

Intelligent Scaling
- Integration with AWS APIs and CloudWatch detects new EC2 compute instances and intelligently scales to meet growing traffic demands as your cloud deployment expands

Pervasive Security
- Elastic, deep visibility into network data within and across AWS VPCs
- Identify vulnerable blind spots and choke points between application workloads to expedite decision making
Figure 1: Multi-VPC deployment (applications in separate VPC(s) from centralized visibility and tool tier with back haul to the on-premise Data Center)

Figure 2: Single VPC deployment (applications, visibility, and tool tier within a single VPC)

For more information on Gigamon and Cisco, visit: www.gigamon.com and www.cisco.com