



Executive Summary

Why Do You Need Visibility in the Public Cloud

Enterprises are migrating tier-1 or mission-critical applications and workloads to the public cloud to take advantage of economies of scale and on-demand access to a shared pool of resources. These applications deal with sensitive data and information that needs to be safeguarded and protected from unauthorized access and potential cybersecurity attacks.

When it comes to security of cloud IaaS, Cloud Service Providers (CSPs) emphasize shared responsibility in the cloud; the provider is responsible for security of the cloud infrastructure, but the customer is responsible for security in the cloud.

IT, cloud and security architects are responsible for charting a cloud strategy and must deploy an effective and comprehensive security architecture. Failure to do so prevents or slows down the migration of mission-critical applications to the cloud, and leaves an organization vulnerable to potential security breaches, with severe consequences to reputation and brand.

To deploy a well-defined cloud security strategy, security and performance monitoring tools need to be able to analyze north-south traffic (from IaaS to the application) and east-west traffic (between tiers in cloud IaaS). Yet this is challenging for the following reasons:

- 1. Lack of visibility into data-in-motion within cloud IaaS
- 2. Need for the right architectural model to access data in cloud IaaS
- 3. Lack of automation

GigaSECURE Cloud is an intelligent network traffic visibility solution that acquires, optimizes, and distributes selected traffic to security and monitoring tools, enabling enterprises to extend their security posture to cloud IaaS and accelerate the time to detect and mitigate threats to mission-critical applications.

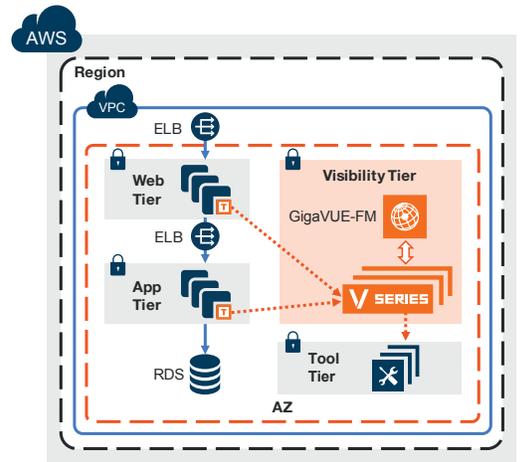
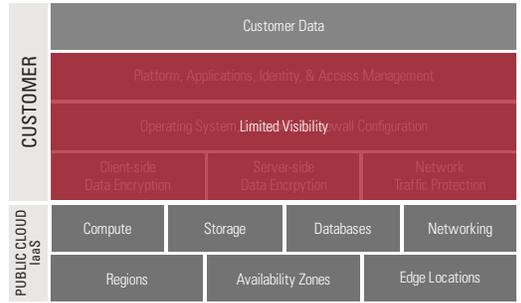
With this solution, organizations can:

- Optimize costs with 100% visibility for security without increasing load on compute instances as more security tools are deployed¹
- Leverage GigaSMART® traffic intelligence to deliver optimized traffic to the right tools, with up to 99% reduction in data with NetFlow¹

For more information on GigaSECURE Cloud, download the whitepaper, **“Why Do You Need Visibility in the Public Cloud.”**

See more. Secure more.

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¹Figures based on analysis done by Gigamon (November 2017)