RSA + IXIA: Secure Visibility within Your Public Cloud

THE CHALLENGE

Many enterprise organizations, across a variety of different verticals, are migrating to the cloud. This trend is growing because the cloud offers increased flexibility and agility. With this mass migration, organizations have more segments to manage and more potential blind spots in their networks. Regardless of where infrastructure and applications reside, security and compliance needs remain the same. Organizations are finding that their traditional network visibility solutions are unable to meet their needs for visibility of cloud-based data.

HOW TO OVERCOME IT

Enter Ixia's CloudLens™, a cloud visibility solution that addresses the challenges of granular data access in the public, private or hybrid cloud environments. CloudLens SaaS, the arm that supports public cloud platforms, is the first network-level solution that provides Visibility-as-a-Service (VaaS) through a Software-as-a-Service (SaaS). Designed from the ground up to retain the elastic scale, flexibility, and agility benefits of the cloud, CloudLens SaaS addresses the challenges of capturing and filtering traffic in the public cloud because it scales horizontally as instances are created and destroyed. CloudLens SaaS uses metadata from cloud platform instances to classify them; because metadata inherently exists for each new instance that is created, the platform automatically knows how to treat it and which security and monitoring policies need to be applied. This becomes particularly powerful when you combine CloudLens with an advanced threat detection and response solution such as RSA's NetWitness Suite.
RSA NetWitness Suite provides pervasive visibility with advanced analytics - including real-time behavior analytics - to detect and investigate sophisticated attacks. Visibility is provided across:

- Data Sources – Full Packet Capture, NetFlow, Logs and Endpoint
- Threat Vectors – Endpoint, Network and Cloud

RSA NetWitness Suite’s unique architecture captures and enriches data sources with security context in real-time. Additionally, threat intelligence is applied to the enriched data to identify high risk indicators as APT domains, suspicious proxies or malicious networks. This method of processing large data sources in real-time provides analysts with security insight into their entire environment from on-premise to cloud. Analysts can now detect and investigate sophisticated attacks and truly understand the full scope of the attack by leveraging advanced analytics which apply our unique combination of behavioral analysis, data science techniques and threat intelligence to iteratively discover known and unknown attacks. RSA NetWitness Logs and Packets enables enterprises to connect incidents in real time and across a long time horizon which means an attack can be fully identified and understood before there is impact to the business.

BENEFITS

- Auto-scaling network security monitoring on-demand that applies threat intelligence to public cloud environments
- Long-term retention for retrospective analysis and correlated event creation
- Continuous, automated threat detection and analysis in real time and retrospectively
- Minimized management consoles with streamlined designs across the solution
- No architectural changes required
- Complete visibility to secure workloads in enterprise, cloud, or hybrid deployments

ABOUT RSA

RSA helps more than 30,000 customers around the world take command of their security posture by partnering to build and implement business-driven security strategies. With RSA’s award-winning cybersecurity solutions, organizations can effectively detect and respond to advanced attacks; manage user identities and access; and reduce business risk, fraud and cybercrime.

For more information, go to rsa.com
THE IXIA AND RSA JOINT INTEGRATION

Ixia and RSA integrate to provide network security in the cloud for complete visibility, detection of enterprise threats, and faster incident response. On-demand and completely scalable, the joint solution combines the CloudLens platform’s visibility from enterprise to private, public and hybrid clouds with the NetWitness Logs & Packets for pervasive visibility with advanced analytics to detect and investigate sophisticated attacks. Together, RSA and Ixia ensure your enterprise and cloud environments are secure.

IXIA NETWORK VISIBILITY SOLUTION

Ixia’s Network Visibility solution (NVS) provides complete network visibility into physical and virtual networks, improves network security and optimizes monitoring tool performance. Ixia’s NVS ensures that each monitoring tool gets exactly the right data needed for analysis.

RSA NETWITNESS SUITE

Prevent business disruption, safeguard intellectual property and protect shareholder value with RSA NetWitness Suite. CISOs across industries depend on our comprehensive, U.S.-government accredited advanced threat detection and cyber incident response solutions to identify the most advanced and elusive cyber threats, stop cyber attacks before they impact the business and reduce the cost, time and scope of investigations and cyber incident response.

ABOUT IXIA

Ixia, recently acquired by Keysight Technologies, provides testing, visibility, and security solutions, strengthening applications across networks and cloud environments for enterprises, service providers, and network equipment manufacturers. Ixia offers companies trusted environments in which to develop, deploy, and operate. Customers worldwide rely on Ixia to verify their designs, optimize their performance, and ensure protection of their networks and cloud environments to make their applications stronger.

Learn more at www.ixiacom.com