



Tech Mahindra is an Indian multinational information technology services and consulting company. It is a \$6 billion organization with 151,100+ professionals across 90 countries. Tech Mahindra leverages next-generation technologies, including 5G, blockchain, quantum computing, cybersecurity, and artificial intelligence, to enable end-to-end digital transformation for global customers. Tech Mahindra is committed to delivering cloud-based cybersecurity solutions to its customers as part of its services and consulting practice.

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Overview

Business Outcomes

- Enhanced Security
- Ease of use and deployment
- Flexibility
- Simplicity of running security in the AWS cloud
- One-touch click to purchase

Use Cases & NGFW Services

- Firewall
- Intrusion detection & protection
- Anti-malware
- Application security
- Application identification
- Load balancing
- Auto Scaling
- SOC and NOC integration

AWS Services

- Amazon Key Management Service (KMS)
- Amazon CloudWatch
- Amazon GuardDuty
- AWS Security Hub
- Amazon Elastic Load Balancer
- Amazon EC2 Auto Scaling

Tech Mahindra leverages Juniper vSRX to deliver connected security in the AWS cloud

Customer Challenge

Tech Mahindra needed to move their on-prem firewall solution to the cloud to improve security and scalability for their customers.

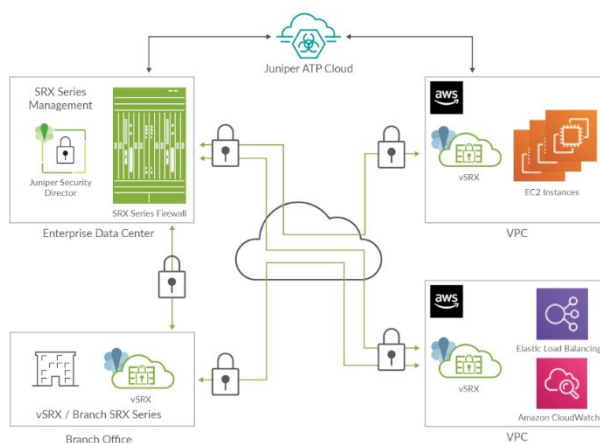
Solution

Tech Mahindra is a longtime customer with extensive experience using Juniper's on-premises SRX Series Firewalls. When it came time to bring security to the cloud, Tech Mahindra chose the Juniper vSRX Next Generation Firewall, available in the Amazon Marketplace for ease of purchase and deployment. The vSRX Networking Platform is a do-it-yourself solution backed by Juniper's world-class support.

Tech Mahindra leveraged the pay-as-you-go licensing model to gain firewall, intrusion prevention, anti-malware, application security, and application identification capabilities.

The Juniper vSRX cloud solution has enabled the customer to directly integrate AWS services such as load balancing and auto-scaling, enabling Tech Mahindra's customers to scale seamlessly with the demands of their traffic and business.

The vSRX integration with AWS CloudWatch, GuardDuty and Security Hub, allows Tech Mahindra to ingest data from multiple sources and ensure the insights are actionable. This complete one-stop solution provides security with a single product that includes automation, deployment/operating processes, and integration into SOCs and NOCs.



Results

Tech Mahindra now has native integration into AWS services. For securing connectivity to workloads, the vSRX integrates with AWS Amazon Key Management Service (KMS) to protect the cryptographic keys used for IPSec connectivity and the data that is either transiting or stationary on the device. Tech Mahindra also benefits from Juniper's full networking stack for data center, automation suites, deployment capabilities, back office, and more.

Combined with the agility of AWS, the vSRX Next Generation Virtual Firewall ensures Tech Mahindra secure their connectivity with advanced automation, enabling them to achieve business goals.

"We are able to write a single, metadata tag-based security policy and apply that both, in on-premises and within the AWS cloud," says Shabbir Shikora, Senior Vice President & Global Head of AWS Business Unit at Tech Mahindra. "Eliminating the need for IP-based policies reduces deployment overhead and lets us maintain a consistent security posture from client to workload and anywhere in between."

Juniper's partnership with Tech Mahindra supports the growth of their business and ensures resilient service delivery. By leveraging the AWS Marketplace, for flexible license and purchase options, Tech Mahindra continues to efficiently secure workloads in AWS and ensure connectivity between their on-prem data center and AWS to meet the needs of their customers.