SlashNext leverages Garvoo to build a Secure and Compliant network infrastructure.

Client

SlashNext is a Cybersecurity company with a mission to protect organizations from the growing number of web-based phishing attacks that evade existing security defenses. The SlashNext solution features cloud-based, real-time phishing site detection. It seamlessly integrates with existing firewalls and DNS infrastructure for immediate and effective phishing protection.

Context & Challenges

The SlashNext founding team was focused on building the industry's first purpose-built solution for Web-based phishing protection. The founding team led by a team experienced Cyber Security Experts decided early on that they needed a Private Cloud solution to have the granular control at the network & infrastructure layer to secure their infrastructure.

Also as a startup they wanted to ensure that they focus their resources and talent to build their product & acquire customers. This led them to search for a partner with expertise in building, maintaining and operating their cloud platform and resulted in choosing Garvoo. The key requirements were:

Ensure network & system level vulnerability are eliminated by adopting best in class design & work practices.

Build the Private cloud infrastructure and work practices in line with FedRAMP.

The private cloud needed to host SlashNext appliances as well.

Continuous security compliance & auditing was a key requirement for SlashNext.

Implement a robust SIEM (Security Information & Event Management) for early detection and incident management.

Solution

The Garvoo team worked closely with SlashNext to initiate the discovery and design phase. The platform architecture design included bare metal server configuration, network, firewall and load balancers. This also included choosing virtualization and operating systems (OS).

A key aspect of the design also included the IDS/ IPS (Intrusion Detection systems/Intrusion Prevention systems) solutions. These were integrated with a SIEM solution using Garvoo proprietary monitoring solution leveraging hardened open source tools.

On finalization of the design Garvoo was able to quickly complete the infrastructure build given its strategic relationships with Equinix, VMWare to name a few. Some of the key milestones were:

> Private Cloud solution set up for SlashNext on a PaaS model (Platform as a Service).

> Rigorous OEM hardware testing for security compliance.

> Configured the SIEM solution to ensure the early detection and monitoring. This included monitoring traffic patterns to attack patterns and generating graded alerts.

> Penetration testing to ensure compliance to standards like PCI DSS.

The solution has since scaled with SlashNext requirements in the next eighteen months. The scaled environment has 100's of servers, spread across multiple geographically distributed datacenters completely built and managed by Garvoo. The platform is interconnected with multiple public cloud platforms using high speed fiber direct connect cloud exchange.

Benefits & Outcomes

The PaaS model provided by Garvoo alongwith its unique OaaS (Ops As A Service) has resulted in the following:

SlashNext realized upward of 60% IT capex savings using the PaaS model.

Also the OaaS model helped SlashNext realize over 50% plus savings.

The partnership has enabled SlashNext to build a robust scalable infrastructure in a few weeks instead of months.

SlashNext has seen a 99.999% uptime despite its infrastructure growing by 1,000% in the last 18 months.

Also enabled SlashNext to get expertise on demand without building a large operations team from the beginning.