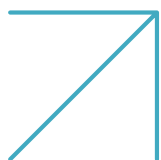# Radware and SUSE Join Forces to Empower Service Providers

Addressing the Challenges Faced by Service Providers

Service Providers (SPs) face significant challenges in today's digital landscape. As SPs manage increasingly complex networks and adapt to customer demands for fast, reliable connectivity, they must ensure that their infrastructure is resilient, scalable, and secure. SPs need a software infrastructure that can support high-performance applications and ensure network reliability.

Service providers also require robust security to protect against increasingly sophisticated cyber-threats, including Distributed Denial of Service (DDoS) attacks, web-based threats, and threats to applications and APIs. These challenges are further exacerbated as service providers migrate to cloud-native and 5G networks, where security and infrastructure management must be closely integrated.

SUSE and Radware are joining forces to address the needs of today's service providers by providing a scalable infrastructure with embedded security, designed specifically for SP environments. Radware application protection provides comprehensive, adaptive protection for applications and APIs for both Kubernetes and non-Kubernetes environments. Radware DDoS protection with SUSE solutions enhances resilience and ensures availability under attack.

SUSE Edge for Telco: Solving Infrastructure Challenges

SUSE Edge for Telco, formerly known as ATIP, is a purpose-built service provider infrastructure platform designed to enable seamless edge deployments—delivering cloud-native application and network service infrastructure with security, visibility and scale from the far edge to the infrastructure core. It offers a lightweight, open-source telco cloud layer that hosts virtualized and container-based network functions.

SUSE Edge for Telco provides a flexible and scalable platform that supports distributed workloads across highly diverse environments. The platform helps telecom companies improve operational efficiency and reduce costs by automating the deployment and lifecycle management of complex edge stack configurations. The platform ensures consistent performance, low latency, and high availability, which are critical for delivering reliable, real-time services to customers.

Radware Application and DDoS Protection: Integrated Security

Radware provides industry-leading security solutions that help SPs safeguard their networks and applications from an ever-growing array of cyber-threats. Radware's DDoS protection, web application firewall (WAF), and application security services protect against volumetric attacks, application-level threats, API threats, threats to the client-side software supply chain, and malicious bots.

Using behavioral-based machine learning algorithms and AI-powered security event cross-correlation, Radware provides real-time, adaptive protection that is automatically refined as threats change. Radware Kubernetes Web Application and API Protection (KWAAP) together with SUSE Rancher Prime and SUSE Security provide a full-stack Kubernetes management and security solution that meet the needs of today's service providers.

Radware's solutions detect and mitigate threats to prevent service disruptions and breaches, ensuring continuous service availability and maintaining customer trust. They also protect SP revenue streams by safeguarding sensitive data and reducing downtime, allowing service providers to focus on delivering high-quality services without the constant threat of service disruptions.

In addition to protecting and securing SP infrastructure, Radware's security services are also offered as MSSP or customer-facing services, enabling SPs to deliver profitable customer-facing services with the same controls that are used to protect and secure CSP infrastructure and applications.

A Unified Approach to Addressing Today's Service Provider Challenges

The combination of SUSE Edge for Telco and Radware's security services provides an end-to-end, integrated platform that supports the performance, scalability, and security needs of service providers and their customers. By leveraging SUSE Edge for Telco's robust telco infrastructure alongside Radware's advanced application protection and DDoS solutions, SPs gain a platform that is flexible, scalable, and resilient against modern cyber-threats. The combined solution allows CSPs to ensure availability and operational efficiency while protecting critical SP revenue streams.

By integrating infrastructure and security, SPs can meet regulatory compliance requirements, safeguard customer trust, and confidently expand their services in today's competitive market. This joint solution ensures that service providers can maintain operational excellence and secure their environments without compromising agility or scalability. And to ensure that SPs can innovate at the speed of business while minimizing risk, Radware KWAAP is pre-certified to interoperate with SUSE Rancher. See link below.

Business Benefits of the Joint Solution

The combined solution from SUSE and Radware offers service providers several business benefits, including:

↗ **Enhanced Revenue Protection:** Minimize service downtime and revenue loss due to cyber-attacks, ensuring continuous service availability.

↗ **Improved Customer Trust and Loyalty:** By protecting customer data and ensuring service continuity, SPs can maximize customer loyalty and trust, and protect the SP's brand.

↗ **Reduced Operational Costs:** An integrated infrastructure and security solution reduces the need for multiple vendor solutions, simplifying management and reducing total cost of ownership.

↗ **Faster Time-to-Market:** The scalable and flexible nature of SUSE Edge for Telco enables SPs to rapidly deploy and adjust services to meet customer demands.

Technical Benefits of the Joint Solution

The integration of SUSE Edge for Telco with Radware's security solutions provides significant technical advantages:

↗ **Scalability and Flexibility:** The containerized architecture of SUSE Edge for Telco allows SPs to dynamically scale their infrastructure, supporting business growth and network evolution.

↗ **Comprehensive Security:** Radware's security solutions safeguard all layers of the network and application stack, ensuring comprehensive protection and compliance. Advanced behavioral algorithms, machine learning, and AI cross-correlation of security events allows protection to intelligently adapt as threats change.

↗ **Seamless Integration:** The joint solution offers streamlined integration between infrastructure and security, reducing complexity, enabling easier deployment, and improving operational efficiency.

↗ **High Availability:** The robust infrastructure and security components work together to maximize uptime, minimize service disruptions, and meet the needs of service providers and their customers.

Conclusion

Service providers face critical challenges in managing distributed edge infrastructure while defending against sophisticated cyber-threats. By combining SUSE Edge for Telco's agile infrastructure platform with Radware's robust security solutions, service providers can address these challenges effectively.

Together, SUSE and Radware deliver a scalable, secure, and high-performance solution that empowers service providers to meet customer expectations, protect their assets, and drive business growth.

Learn about Radware KWAAP's certification with Rancher

Click here

Need more information?

Contact Radware