



### Solution overview

Together, Nuage Networks and Check Point deliver comprehensive threat prevention security and advanced malware protection for private and public cloud infrastructures as well as consistent visibility and control across both physical and virtual environments.

This joint solution enables secure, intelligent application delivery using a dynamic network fabric that supports all workloads with fully integrated security.

Check Point vSEC Gateways and purpose-built physical appliances are certified on the Nuage Networks Virtualized Services Platform (VSP).

#### Solution for:

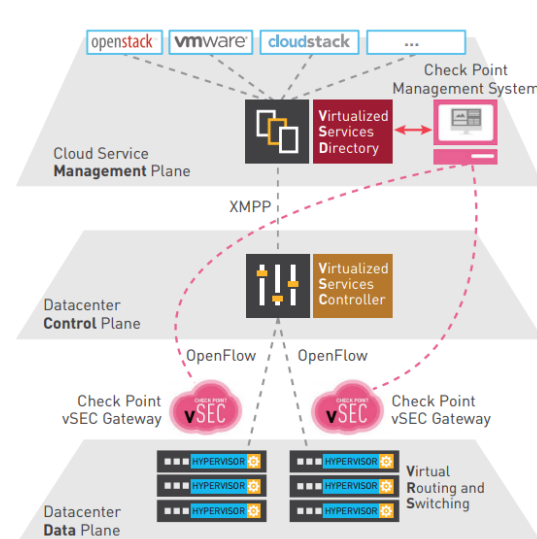
- Cloud and Application Service Providers (CSPs and ASPs) with Internet-facing datacenters
- Enterprise datacenters with connectivity to Virtual Private Networks (VPNs)
- Telecommunication Providers offering clean Internet services

Together, Nuage Networks and Check Point Software Technologies bring seamless advanced threat prevention security directly into the core of your software-defined data center environment.

As a data center manager, you are under pressure to protect your infrastructure, application workflows and data from increasingly sophisticated and targeted threats. Modern data centers need a high-performance, reliable and flexible network security solution that not only safely enables applications and protects against advanced threats, but is designed to support the dynamic nature of a virtualized environment. Check Point vSEC delivers the most comprehensive advanced threat prevention that eliminates many of the unacceptable compromises previously endemic to data center network security.

### JOINT SOLUTION

When deployed alongside the Nuage Networks VSP, Check Point vSEC provides a simplified, high-performance, flexible network security infrastructure that safely enables the complex and growing number of applications in the datacenter. Key virtualization and cloud security requirements are addressed, including lateral threat prevention of inter-VM traffic (east-west), dynamic service insertion, context-aware security policies dynamically tied to VM object lifecycles, and full integration with the Virtualized Services Controller (VSC) to automate security policy changes as well as full visibility and reporting across physical and virtual environments. With consistent advanced threat prevention security features available in physical and virtual form factors and an optimized, low-latency architecture, Check Point delivers security for your modern data center design without compromise.



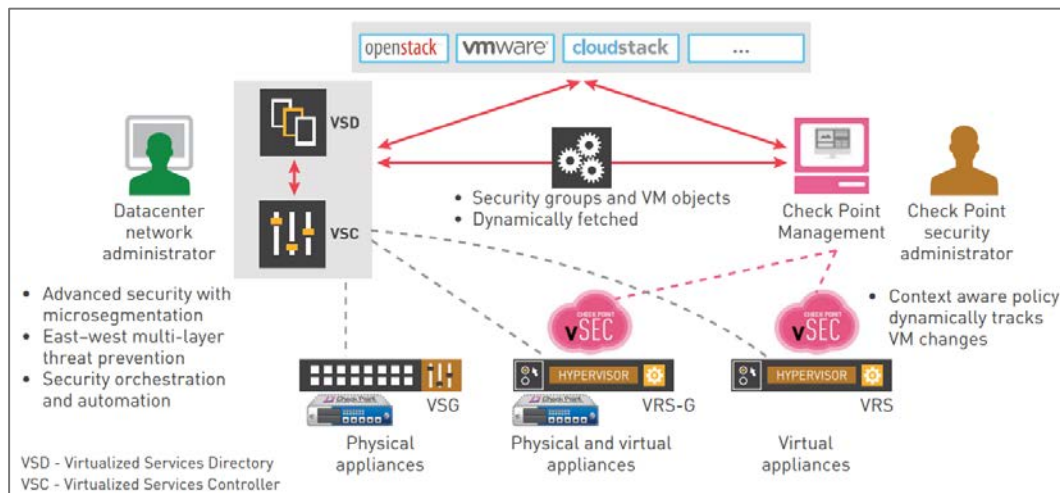
- Utilizes a single, unified control point to ensure security follows application workloads and service domains while accelerating application deployment and maintaining multi-tenancy and operational workflows
- Extends the speed and efficiencies of Nuage Networks-enabled intelligent application delivery network to an advanced security service layer that includes comprehensive, multi-layered threat prevention
- Enables greater agility with flexible deployment scenarios for efficient and secure traffic forwarding across VMs, hosts and datacenters

## SOLUTION FEATURES AND BENEFITS

Check Point vSEC can be seamlessly deployed alongside the Nuage Networks VSP to support a variety of customer use cases. Deployment models are easily adapted to maximize protections while utilizing the dynamic functionality and reactive adaptability provided by the Nuage Networks VSP to deliver exceptional service velocity for your critical tenants and their applications.

With Check Point vSEC, you can securely enable data center applications while simultaneously protecting against sophisticated threats and zero-day attacks. Check Point vSEC features the most comprehensive threat prevention technologies to prevent targeted attacks, exploits, malware and spyware on standard ports, non-standard ports and within encrypted traffic.

As data center networks evolve to optimized fabrics, security protections must now also evolve to become an integral part of the network fabric. Together, Nuage Networks and Check Point deliver an optimized network fabric coupled with fully integrated advanced security and micro-segmentation capabilities that will ensure the security of your data center.



### Protection from zero-day threats

Fully validated and integrated into the Nuage Networks VSP, advanced threat prevention from Check Point delivers complete protection against even the most sophisticated threats and zero-day attacks.

### Protecting application workloads

The Nuage Networks VSP and Check Point vSEC eliminate many of the traditional datacenter network security compromises, allowing organizations to prevent threats, maintain compliance and segment workloads without compromising application performance and availability — across both physical and virtual infrastructures.

### Securing the software defined datacenter

With Nuage Networks and Check Point vSEC, comprehensive security becomes an integral part of the data center fabric, dynamically and transparently inserted. All traffic in the datacenter, both inter-VM and across the perimeter, is protected without compromise.

## ABOUT CHECK POINT SOFTWARE

Check Point Software Technologies Ltd. ([www.checkpoint.com](http://www.checkpoint.com)), is the largest network cyber security vendor globally, providing industry-leading solutions and protecting customers from cyberattacks with an unmatched catch rate of malware and other types of threats. Check Point offers a complete security architecture defending enterprises – from networks to mobile devices – in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes.

## ABOUT NUAGE NETWORKS

Nuage Networks ([www.nuagenetworks.net](http://www.nuagenetworks.net)) brings a unique combination of technologies and unmatched networking expertise to the enterprise and telecommunications industries. The Silicon Valley-based business has applied radically new thinking to the problem of delivering massively scalable and highly programmable SDN solutions within and across the data center and out to the wide area network with the security and availability required by business-critical environments. Nuage Networks, backed by the rapidly growing IP/Optical Networks business of Nokia, has the pedigree to serve the needs of the world's biggest clouds. The cloud has made promises—the mission of Nuage Networks is to help you realize them.