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Partner Solution Brief

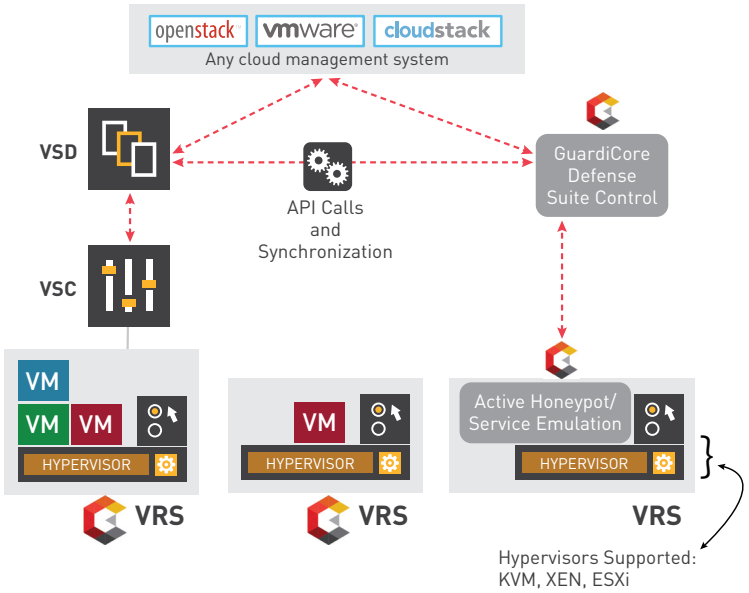
Safeguard your assets with Nuage Networks VSP and GuardiCore Data Center Security Suite

SOLUTION OVERVIEW

Nuage Networks and GuardiCore® protect your critical corporate data and assets inside the datacenter. With this solution, you can detect, analyze and respond in real time to advanced threats, minimizing the cost and damage of a breach.

SOLUTION FOR

- Enterprise /Internal datacenters
- Application Service Providers with Internet-facing datacenters
- Telecommunication Providers offering clean Internetservices



- Provides security coverage of all traffic inside datacenters and scales to very large network sizes and traffic rates, with low impact on hypervisor/server performance
- Extends Nuage Networks security enforcement to virtual machines (VMs) and applications for detection, analysis and remediation of advanced threats inside the datacenter
- Identifies the source of attack and attacker tools and quarantines infected files and VMs

Together, Nuage Networks and GuardiCore protect critical corporate data and assets in your datacenter environment.

Datacenters are home to critical corporate data and business processes, making them a lucrative target for cyber attacks.

Once inside a datacenter, intruders are hard to detect. According to multiple security experts, it typically takes many months to discover a breach, detect its source and take action to remediate.

GuardiCore addresses this security challenge by providing real-time visibility into datacenter activity, and scaling cutting-edge security techniques to keep pace with east-west traffic rates. Using multiple detection methods, it exposes attackers, provides quick insights into the nature of the attack and enables you to respond to it in real time.

When deployed alongside the Nuage Networks Virtualized Services Platform (VSP), GuardiCore provides detection, analysis and real-time response to advanced persistent threats (APTs), insider threats and malware propagation inside datacenters and clouds.

Integrated with the hypervisor and the virtual switch, GuardiCore leverages the Nuage Networks VSP to scale east-west traffic inspection. All connection attempts that violate security policies managed by Nuage Networks are redirected, in real-time, to GuardiCore for further investigation.

This includes the ability to automatically quarantine infected machines for remediation. The solution provides comprehensive visibility of virtual network traffic trends and threats.

GuardiCore
Securing the Software Defined Data Center

ADVANCED BREACH DETECTION

Fully validated and integrated into the Nuage Networks VSP, the GaurdiCore Data Center Security Suite delivers the most advanced detection and analysis of targeted attacks inside the datacenter, discovering attacks that are invisible to legacy security solutions.

REDUCES TIME AND COSTS RELATED TO DATA BREACHES

GuardiCore dramatically reduces the time to detect an attack that is already active inside the datacenter, often eliminating direct costs related to the investigation and clean up of a successful breach.

ELIMINATES DATACENTER BLIND SPOTS

With Nuage Networks and GuardiCore, datacenter security teams can view and monitor all network connections down to the process level, providing unparalleled visibility into datacenter activity.

ABOUT GUARDICORE

GuardiCore is a leader in internal datacenter security and breach detection and is transforming security inside datacenters and clouds. With GuardiCore, enterprises gain real time visibility, understanding and response to illicit activity within the datacenter in minutes, not months.

Learn more at
www.guardicore.com

Solution features and benefits

GuardiCore can be deployed with the Nuage Networks VSP to enable rapid detection of breaches inside the datacenter and automated response.

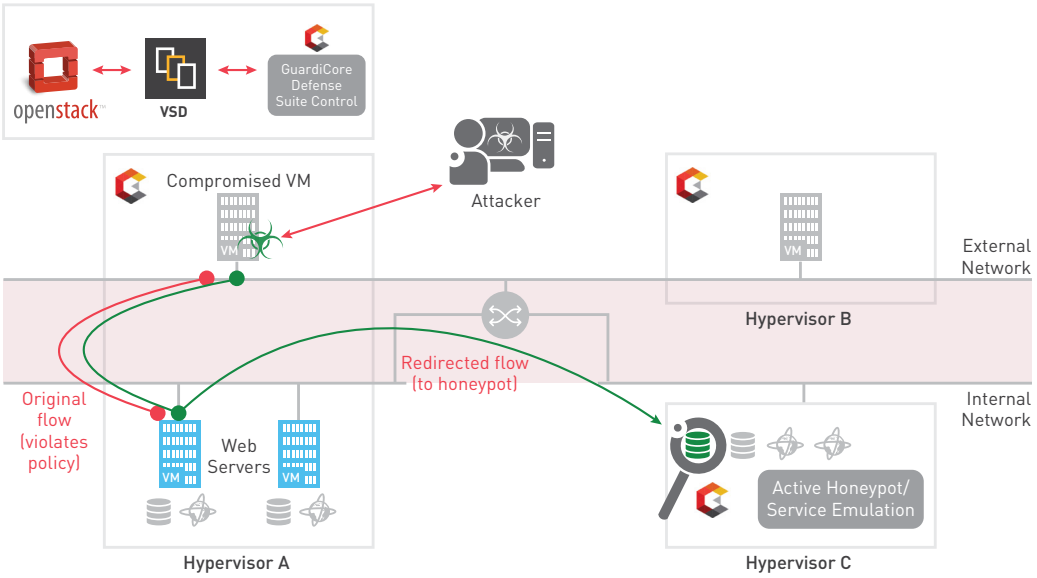
Integration between GuardiCore and the Nuage Networks VSP protects critical datacenter assets through rapid detection, analysis and response to cyber attacks.

Upon detection of a policy-violating connection attempt, the system automatically redirects that connection to the GuardiCore analysis and inspection engine for further investigation. GuardiCore then analyzes the attack behavior and looks for signs of malicious activity, such as exploitation, brute force, password harvesting, manipulation of log files and uploads of backdoors or attack tools. Once an attack has been confirmed by GuardiCore, all affected VMs and servers are quarantined through Nuage Networks VSP network control.

As datacenter networks evolve to optimized fabrics, security protection must also evolve to become part of the network fabric. Together, Nuage Networks and GuardiCore deliver just that.

Features

- Active breach detection
- Security policy enforcement
- Threat deception
- Process-level network visibility
- Quarantine and remediation
- Virtualization security



About Nuage Networks

Nuage Networks (www.nuagenetworks.net) brings a unique combination of groundbreaking 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 datacenter 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.

Discover more at www.nuagenetworks.net/partners and follow us @nuagenetworks

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