Secure Your Critical Applications and Infrastructure with GuardiCore Advanced Security

GuardiCore delivers a simple, scalable and highly secure data center environment

Today's data center and cloud environments are transforming from highly complex to radically simple thanks to the native convergence of compute, virtualization and storage delivered by the Nutanix Enterprise Cloud Platform. But even as organizations gain agility, ease of management and reduced costs associated with a data center infrastructure based on Nutanix, they also realize that today's agile and dynamic cloud environments have outpaced traditional security technologies. And due to the dynamic nature and high traffic rates inside modern data centers, organizations face significant challenges in gaining visibility into application communications and putting proper controls in place to secure east-west traffic.

The GuardiCore Centra™ Security Platform is designed specifically for today's modern data centers, applying multiple security controls in a single platform to protect critical applications in these dynamic environments. By deploying GuardiCore on top of Nutanix, organizations get granular visibility into network and applications flows combined with micro-segmentation, real-time breach detection and automated response across all traffic and applications in the data center.

A Nutanix Ready AHV validated solution, the GuardiCore Centra Security Platform features a distributed architecture for Nutanix Acropolis (AHV) environments that easily and seamlessly distributes security across the entire data center, leaving no workload or application unprotected. This distributed architecture is non-intrusive and lightweight, allowing it to apply security controls in any Nutanix environment without affecting performance.

While monitoring and visualizing all applications and network flows with process-level context, GuardiCore combines micro-segmentation with multi-method breach detection capabilities including patented dynamic deception, reputation analysis, file integrity monitoring and policy-based detection. Deploying these four methods simultaneously forms a strong security net, virtually ensuring that any live breach in the data center is caught, mitigated and contained for in-depth investigation.

NUTANIX READY • AHV •

Security Value from Day One
Easy, non-intrusive deployment requires no configuration and delivers immediate value.

Total Visibility
Get real-time and historical visibility into your Nutanix environment—all network and application flows, including process-to-process communications.

Reduce the Attack Surface
Micro-segmentation done at the critical application layer applies granular controls that reduces the attack surface and prevents the spread of active breaches.

Accelerate Nutanix Adoption
GuardiCore's deep visibility and flexible policy engine simplifies migration to Nutanix and helps drive AHV adoption.

Accelerate Incident Response
Automated real-time attack isolation and remediation of infected files and servers stops attack at initial stage, before it has caused any damage.

Reduce the Cost of Data Breaches
Catch active breaches earlier in the kill chain, eliminating costs related to investigation and clean up.

Enabling Advanced Security for Virtual Data Center Environments

Virtual machines and applications running on Nutanix are protected by the GuardiCore Centra Security Platform, featuring application-layer visibility, micro-segmentation and multi-method breach detection. Deployed seamlessly, GuardiCore Centra monitors all traffic, collects network and application flow data, and redirects suspicious connections for investigation by the GuardiCore Analysis Engine. The GuardiCore Analysis Engine provides visibility by enriching collected flow data and provides real-time breach detection, analysis and response.

GuardiCore and Nutanix Architecture
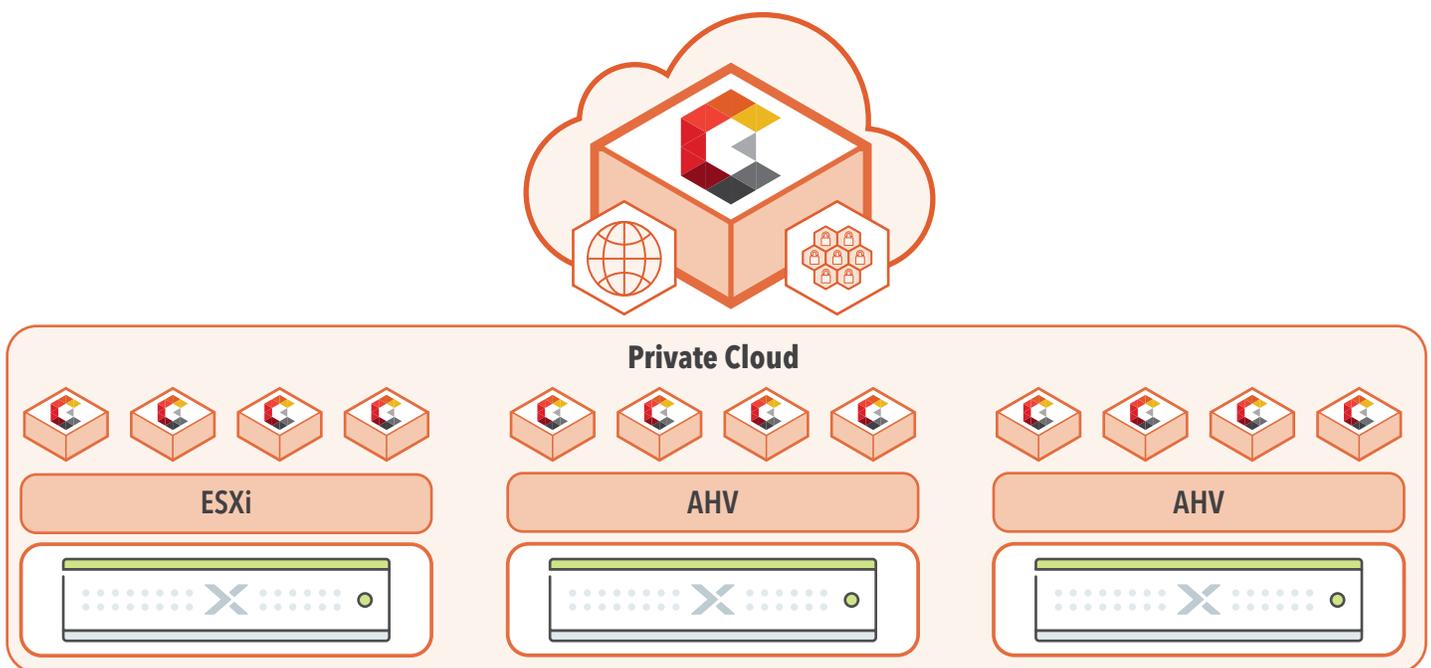
About Nutanix

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications.

About GuardiCore

GuardiCore is an innovator in data center and cloud security focused on delivering more accurate and effective ways to protect critical applications from compromise through unmatched visibility, micro-segmentation and real-time breach detection and response. Developed by the top cyber security experts in their field, GuardiCore is changing the way organizations are fighting cyber attacks in their data centers.

For more information, visit **www.guardicore.com**