NUTANIX | NUTANIX READY AHV

CROWDSTRIKE

CROWDSTRIKE AND NUTANIX

Secure virtual applications, desktop workloads, and data at scale, without impacting performance

CHALLENGES

Virtualization in the data center and the continued adoption of cloud infrastructure have introduced new challenges for IT operations, DevOps and security teams. The attack surface has grown exponentially with an increase in virtualized applications and desktops, enabling the adversary to use highly sophisticated attack vectors while capitalizing on organizations' lack of visibility and control. Organizations must ensure their workloads are secured with scalable and holistic security solutions that do not diminish performance.

SOLUTION

The CrowdStrike Falcon® platform's lightweight agent leverages its cloud-scale capacity to extend CrowdStrike's world-class security capabilities into the Nutanix Cloud Platform. CrowdStrike's unique insights into adversaries and comprehensive telemetry help to prevent attacks on virtualized workloads and endpoints on or off the network. This cloud-native solution enhances Nutanix's certified native security platform to secure workloads running on Nutanix AHV without compromising performance.

The Falcon platform extends protection to Nutanix deployments including virtual machines and virtual desktop infrastructure (VDI), helping organizations enhance their layered security approach. The combined solutions of CrowdStrike and Nutanix enable organizations to securely scale and accelerate their workload development and deployment at every stage of the application lifecycle.

KEY BENEFITS

Quickly deploy the lightweight CrowdStrike Falcon agent into your Nutanix AHV workloads and VDI for holistic hybrid cloud protection

Proactively protect and stop cloud breaches with the Falcon platform's unified cloud security posture management and breach prevention for your multi-cloud and hybrid environments

Run your cloud on your terms, anywhere, with the Nutanix hybrid multi-cloud built specifically for your applications and desktops

BUSINESS VALUE

Use Case/Challenge	Solution	Benefits
Protecting your workloads, applications and desktops	The Nutanix Cloud Platform provides native platform hardening, security auditing and reporting, and network threat protection.	• Reduce complexity while simplifying security with Nutanix's software-defined, hyper-converged solution.
Simplifying your VDI infrastructure and security stack	The Nutanix Cloud Platform coupled with CrowdStrike Falcon Cloud Workload Protection (CWP) provides an efficient, scalable and secure solution that can maximize ROI and deliver an optimal end-user experience, while protecting valuable assets and data.	• Gain superior time-to-value for VDI workloads. • Simplify setup and lifecycle management of your desktops, applications and data. • Enable easy-to-configure security options out of the box with Nutanix AHV. • Prevent data theft and loss from ransomware and malware.
Preventing breaches for cloud workloads	Falcon CWP provides comprehensive breach protection for workloads, enabling you to build, run and secure applications with speed and confidence.	• Gain complete visibility across your entire cloud estate under a single platform. • Prevent attacks and avoid business disruption. • Eliminate friction and stay secure while building in the cloud. • Enhance cloud workload protection for user workloads and/or VDI running on Nutanix AHV.
Backing up data and protecting cloud workloads	The Nutanix Cloud Platform provides best-in-class data protection and integration with your current disaster recovery provider. The Falcon platform ensures that the backed-up data is free from threats like ransomware and malware.	• Implement holistic backup and recovery solutions with the Nutanix Cloud Platform. • Ensure data integrity of backups with Falcon CWP. • Back up anywhere based on your disaster recovery plans and operations.

TECHNICAL SOLUTION

Simplified management and deployment: With the Nutanix Cloud and CrowdStrike Falcon platforms, you can easily manage storage and virtualization infrastructure, applications and desktops while ensuring seamless security coverage. Deploy and use the Falcon sensor hassle-free in your Nutanix AHV workloads and VDI. CrowdStrike's lightweight cloud-native agent ensures fast deployments for maximum threat protection.

Comprehensive cloud workload protection: Falcon CWP strengthens the Nutanix Cloud Platform's native security capabilities to proactively protect your organization from advanced threats. Running CrowdStrike with Nutanix removes management overhead when building, running and securing applications.

Security without compromising performance: CrowdStrike's single, cloud-native Falcon agent is powered by CrowdStrike Threat Graph®, which captures approximately 1 trillion high-fidelity signals per day, in real time, from across the globe, fueling one of the world's most advanced data security platforms. Falcon CWP helps you gain real-time protection and visibility across your enterprise, preventing attacks on workloads on or off the network. When CrowdStrike and Nutanix are combined, you gain holistic security coverage, streamlined operations and optimized application performance.

Higher return on investment: Get more from your existing IT and security stack by optimizing your Nutanix investments with extended security from the CrowdStrike Falcon platform. With Nutanix AHV's lower total cost of operation and CrowdStrike's comprehensive breach protection, you can secure your critical workloads while achieving optimal performance with speed and scale.

Holistic data backup and protection: Leveraging Nutanix's Cloud Platform for backing up and protecting your data anywhere ensures alignment to critical security demands such as top CIS recommendations.[1] The Falcon platform further enhances this cloud security posture by providing threat intelligence and greater visibility and protection for your data, creating smaller threat vectors and an elevated approach to business continuity.

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1 https://www.cisecurity.org/controls/cis-controls-list/

AGENT-BASED WORKLOAD PROTECTION IN NUTANIX
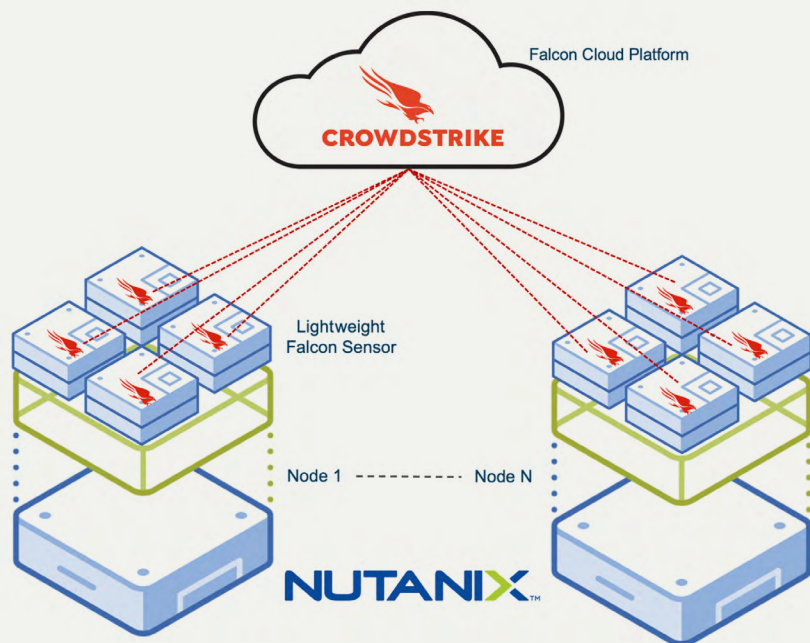
Nutanix is a trusted **CrowdStrike Cloud Partner**, providing integrated solutions with CrowdStrike to deliver comprehensive cloud workload protection.

ABOUT NUTANIX

Nutanix is a global leader in cloud software and a pioneer in secure hyperconverged infrastructure solutions, making clouds invisible, freeing customers to focus on their business outcomes. Organizations around the world use Nutanix software to leverage a single platform to secure and manage any workload or data, at any location, for their hybrid multi-cloud environments.

ABOUT CROWDSTRIKE

CrowdStrike, a global cybersecurity leader, is redefining security for the cloud era with an endpoint protection platform built from the ground up to stop breaches. The CrowdStrike Falcon® platform's single lightweight-agent architecture leverages cloud-scale artificial intelligence (AI) and offers real-time protection and visibility across the enterprise, preventing attacks on endpoints on or off the network. Powered by the proprietary CrowdStrike Threat Graph®, CrowdStrike Falcon correlates upward of 1 trillion endpoint-related events per day in real time from across the globe, fueling one of the world's most advanced data platforms for security.

Learn more at **www.crowdstrike.com**