

Heading for the clouds!

Cisco Secure Firewall Threat Defense Virtual on Nutanix AHV

Benefits

- Enhance micro-segmentation with advanced threat capabilities to protect against lateral network intrusions (East-West traffic).
- Extend Cisco's industry-leading threat intelligence and protection to your Nutanix private and public clouds.
- Enforce policies East to West in the data center with Secure Firewall Threat Defense Virtual's full stack policy enforcement and intrusion prevention capabilities.
- Implement consistent security policies including application control, user access, deep visibility, and network across to different parts of the environments.
- Seamlessly extend your security architecture into your virtual and HCI environments.

Most organizations are accelerating their adoption of cloud-first architectures, but a 100% cloud strategy is not usually feasible. Organizations appreciate the freedom to choose where and how they deploy their applications, storage, databases, and more. Hybrid cloud infrastructures offer organizations this freedom. Organizations who invest in a hybrid-cloud strategy often take advantage of hyperconverged infrastructure (HCI), providing cloud-like elasticity to their datacenters.



Bringing Cisco's platform security approach to Nutanix HCI

With Secure Firewall Threat Defense 7.0, organizations are now able to secure their Nutanix HCI environments with Cisco's platform approach to security. This support brings Secure Firewall Threat Defense Virtual (formerly FTDv) to Nutanix AHV, providing Layer 3, 4, and 7 visibility and control, protecting East-West and North-South connections and service chains.

Organizations with existing deployments of Secure Firewall Management Center (FMC) can use it to manage

Secure Firewall on Nutanix. As well, Secure Firewall Management Center is supported on the Nutanix platform.

Nutanix AHV provides customers with a native no-charge hypervisor as part of their Nutanix hyperconverged infrastructure platform, allowing Secure Firewall Threat Defense Virtual customers to provision a fault tolerant next-generation firewall that protects East-West, as well as North-South connections and service chains.



Features and benefits

Capabilities	Details
Flexible Deployment	<ul style="list-style-type: none"> Existing Secure Firewall Threat Defense Virtual customers can now expand their deployment to their Nutanix AHV platform with centralized management through Firewall Management Center Virtual
Support for Multiple Configuration Modes	<ul style="list-style-type: none"> Nutanix AHV and Firewall administrators can deploy Secure Firewall Virtual in various configuration modes, including: <ul style="list-style-type: none"> Passive Routed HA Routed Standalone
Consistent Security Everywhere	<ul style="list-style-type: none"> Enjoy consistent enforcement and threat inspection across your physical and virtual data centers, software-defined networks (SDN), and Cisco Application Centric Infrastructure (ACI).
Centralized Management and Deep Visibility	<ul style="list-style-type: none"> Streamlined policy management along with automated risk ranking and impact flags are provided by our deep visibility into your applications, data, and users, reducing event volume so you can quickly prioritize threats and take action. Share intelligence, context, and policies across Cisco security solutions.
Integrated Platform Approach	<ul style="list-style-type: none"> Connect Cisco's integrated security portfolio to your existing infrastructure with Cisco SecureX and gain a consistent experience that unifies visibility, enables automation, and strengthens your security across network, endpoints, cloud, and applications.

Supported versions

Cisco and Nutanix have jointly validated the following versions:

Cisco	Nutanix
Secure Firewall Threat Defense Virtual Version 7.0	AOS 5.15.5 LTS and later AHV Version 20201105.2030
Secure Firewall Management Center Version 7.0	AOS 5.15.5 LTS and later AHV Version 20201105.2030



Why Cisco?

The Cisco Secure Firewall portfolio delivers greater protections for your network against an increasingly evolving and complex set of threats. With Cisco, you're investing in a foundation for security that is both agile and integrated- leading to the strongest security posture available today and tomorrow.

From your data center, branch offices, cloud environments, and everywhere in between, you will be able to leverage the power of Cisco to turn your existing network infrastructure into an extension of your firewall solution, leading to world-class security controls everywhere you need them.

Investing in a Secure Firewall appliance today gives you robust protections against even the most sophisticated threats without compromising performance when inspecting encrypted traffic. Further, integrations with other Cisco solutions provides you with a broad and deep portfolio of security products, all working together to correlate previously disconnected events, eliminate noise, and stop threats faster.

Next steps:

To learn more, visit our [Virtual Firewalls for Private Cloud webpage](#).

[Cisco Supports Secure Firewall Threat Defense Virtual on Nutanix AHV](#)