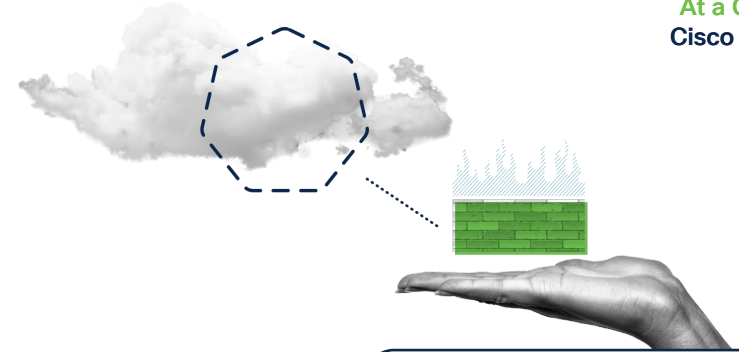


Cisco Secure Firewall Cloud Native



Bringing cloud-native firewalling to dynamic application environments

With your cloud migration initiatives, and the growing adoption of dynamic application environments to meet ever-changing organizational needs, the traditional approach to firewall is no longer enough. Monolithic applications are now being replaced by more agile and automation-driven architectures. Sometimes, using physical and virtual security appliances to secure these infrastructures is not fit for purpose.

The migration to a more flexible application infrastructure calls for a more flexible

firewall. Rapidly secure applications at scale, empower your network and security teams to remain agile through application development, deployment, and innovation, and protect against the fast-changing threat landscape.

Cisco® Secure Firewall Cloud Native is modernizing the way you secure applications and workload infrastructure at scale, whether on-premises or in public or private clouds, allowing NetOps and SecOps teams to run at DevOps speed. Unlike traditional architectures

with big iron or virtualized appliances that lack advanced session resiliency and simplified autoscaling, Secure Firewall Cloud Native meets the need. For use cases like remote access VPN in public cloud, Secure Firewall Cloud Native adds agility, elasticity, and massive throughput potential to your security stack in a DevOps-friendly, lightweight, cloud-native form factor. Secure Firewall Cloud Native uses industry-standard Kubernetes orchestration to provide linear scalability and resiliency for security services and easy management of containers.

Benefits

- Agility and elasticity to meet demand
- Granular control where you need it
- Autoscaling and autohealing through Kubernetes orchestration
- Supports REST APIs for advanced integrations and programmability
- Resilient remote access with multitenant support

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.

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Management

Secure Firewall Cloud Native is managed by API or Cisco Defense Orchestrator (CDO). CDO is a software-as-a-service (SaaS)-based manager that helps you consistently manage policies across your Cisco Secure Firewalls. CDO helps you reduce complexity by simplifying security and device management. It also saves you time by improving efficiency for repetitive security tasks. Whether you need to adjust security policies for 10 or 1000 firewalls, Cisco Defense Orchestrator makes management easier than ever before.

Cisco Secure Firewall Cloud Native advanced capabilities:

Advanced Capability	Details
Scalable architecture, orchestrated by Kubernetes	Enjoy automated scaling features for security services based on demand. Additional features include container health monitoring and automatic unhealthy container replacement, ensuring high availability during maintenance, surge conditions, and partial outages.
Resilient multitenant remote access VPN	Spin up resilient multitenant remote access, with massive throughput potential, in minutes. Available in AWS at launch, with capabilities coming to on-premises, private cloud, and additional public clouds soon.
REST API support	Offers advanced integration and programmability.
Smart load balancing	Automate horizontal scaling thresholds with custom metrics.
Simplified configuration	Built-in control plane ensures configuration changes are applied to all containers.

Next steps

To learn more about Secure Firewall Cloud Native, visit www.cisco.com/c/en/us/products/security/secure-firewall-cloud-native/index.html.

To view buying options and speak with a Cisco sales representative, visit www.cisco.com/c/en/us/buy.html.