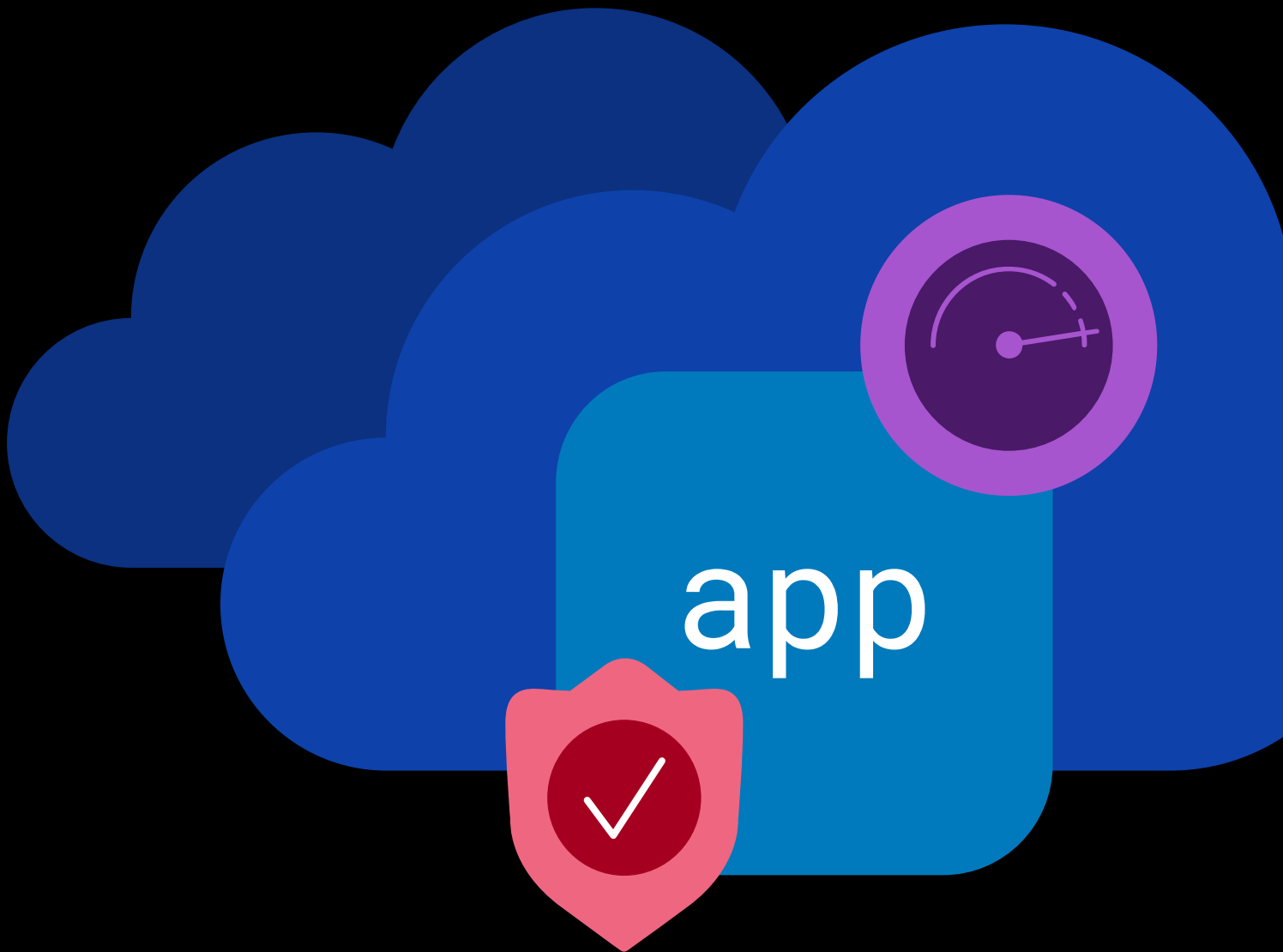


Solution Overview

Advance Your Security and App Performance

with BIG-IP on Nutanix AHV | F5



Key Benefits

Fortify Multicloud Security

F5 BIG-IP delivers comprehensive security across Nutanix AHV environments, protecting applications from threats such as SQL injections, cross-site scripting, and other OWASP Top 10 vulnerabilities.

Optimize Application Delivery

Take advantage of F5 BIG-IP's load balancing and traffic management capabilities to ensure high availability and optimized performance of applications hosted on Nutanix AHV.

Streamline Operations and Compliance

Gain automated security operations and centralized management to maintain compliance with industry standards and regulations.

Get Real-time DDoS Protection

Protect applications against distributed denial-of-service (DDoS) attacks using F5 BIG-IP's advanced behavioral analysis and automated defenses.

According to Gartner, by 2025, more than 85% of organizations will embrace a cloud-first principle, and more than 95% of new digital workloads will be deployed on cloud-native platforms, up from 30% in 2021.

As enterprises continue to adopt hybrid and multicloud environments, the demand for robust, integrated solutions to provide consistent security and optimized performance has spiked.

F5 BIG-IP, when coupled with Nutanix AHV, offers a comprehensive solution that addresses these evolving needs by increasing security and optimizing application delivery within multicloud infrastructures. This combination advances application services, upgrades threat protection, and simplifies management, and is tailored for organizations leveraging Nutanix's hyperconverged infrastructure (HCI) to drive their digital transformation initiatives

Industry Challenges

- **Complex multicloud management:** Simplify management across hybrid environments by leveraging Nutanix's unified control plane with F5's centralized security management tools.
- **Rising cybersecurity risks:** Strengthen your security posture against an expanding threat landscape with advanced threat protection features from F5 BIG-IP.
- **Operational inefficiencies:** Minimize downtime and improve performance by integrating F5's application delivery services with Nutanix's efficient, scalable HCI platform.

Secure Global Application Delivery

F5 BIG-IP delivers advanced load balancing, robust security features such as WAF and DDoS protection, and application acceleration, optimizing the performance and protection of workloads. Additionally, it supports high availability and disaster recovery, while integrating with Nutanix's automation tools for streamlined management. The combination of BIG-IP and Nutanix AHV results in a more resilient, secure, and efficient application environment (see below).

Key Features

BIG-IP's Nutanix-ready

Validation

Get a Nutanix-ready validated solution to assure seamless deployment and operation.

Centralized Management

Console

Manage security policies and application services across multiple Nutanix AHV instances from a single interface.

Advanced Web Application

Firewall (WAF)

F5 BIG-IP Advanced WAF provides prebuilt and customizable security policies tailored for Nutanix AHV environments.

Automated Policy Deployment

Quickly deploy and update security configurations to reduce manual effort and increase operational efficiency.

Industry-leading Load Balancing

Distribute traffic across clusters, multiple servers, or virtual machines hosted on Nutanix, directing traffic to the most appropriate cluster based on factors such as proximity, server health, and load.

Efficient Application Delivery

Leverage features such as caching, compression, and HTTP/2 to improve the performance of apps hosted on Nutanix by reducing load times and bandwidth usage.

Secure Remote Access

Safeguard sensitive data transmission when applications are accessed from devices outside of the corporate network.

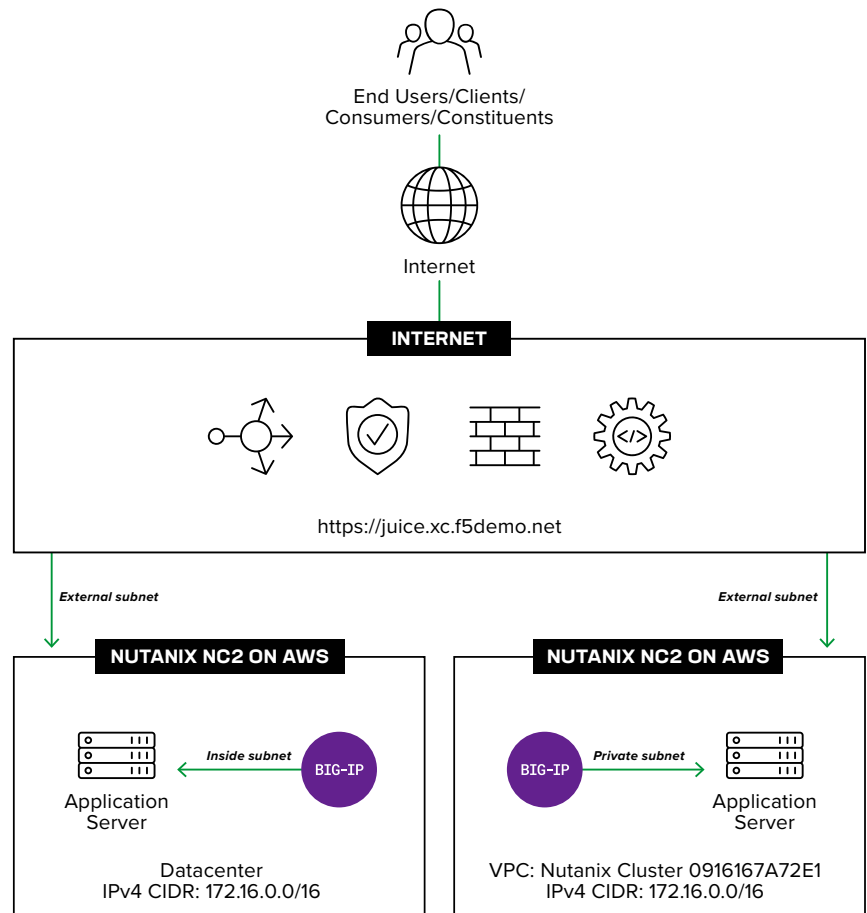


Figure 1: A depiction of how F5 BIG-IP provides secure global application delivery to customers

Conclusion

By combining F5 BIG-IP with Nutanix AHV, organizations can safeguard their multicloud environments, improve application performance, and streamline operations. This powerful duo offers a unified solution for managing complex cloud architectures, ensuring that applications remain secure, available, and high performing.

See first-hand the benefits of F5 BIG-IP with Nutanix AHV.

Contact us.

