



Scale and Secure Applications Across Multi-Cloud with F5 and Google Cloud

F5 Security Solutions for Google Cloud enable frictionless security that complements performance, automation, and insight to scale today's and tomorrow's application experience.



Enterprises are adopting a hybrid, and in most cases, multi-cloud approach for their digital visions. While on-premises applications will likely remain, enterprises are betting more on application modernization and going deeper with microservices that depend on multiple clouds.

Managing, operating, and scaling these cloud-native applications requires sophisticated security solutions and strategies. However, most security solutions cause seemingly insurmountable barriers to scale because of fragmented visibility and control and providing insufficient coverage for the entire IT landscape. Enterprises modernizing their applications need security solutions that thwart today's advanced threats, work seamlessly across all workloads and environments, and facilitate high-performance application scaling.

Secure application modernization for a multi-cloud world

Together, F5 and Google Cloud help enterprises achieve secure modern applications through their full lifecycles. By pairing F5 security with Google Cloud's foundational infrastructure services, enterprises gain the centralized visibility and unified management and control necessary to securely deploy and run apps and optimize architecture and resources across hybrid and multi-cloud landscapes.

F5 protects applications no matter where they run. Across the entire app modernization lifecycle, powered by Google Cloud, F5 has solutions that cover traditional on-premises applications, virtualized workloads, and containerized applications that rely on dispersed microservices. F5's open-framework and multi-cloud-friendly approaches empower DevSecOps teams with the flexibility and control to confidently develop, deploy, and secure all applications.

Use F5 to create, distribute, and enforce consistent policies across the entire IT landscape with centralized application management and visibility and unified user access controls. Plus, F5's zero-trust capabilities with identity-aware and location-aware validation enhance Google Cloud's zero-trust approach to infrastructure.

F5 and Google Cloud enable confident investments in adaptive applications that can grow, shrink, defend, and gain insights to quickly evolve to everchanging environments. We empower enterprises to create, secure, and operate those adaptive applications that reduce costs, improve operations, and better protect users from cyberthreats.

**71% OF ORGANIZATIONS
EXPECT AT LEAST HALF OF
THEIR APPLICATIONS WILL
RUN ON MICROSERVICES
BY EARLY 2024¹**

SECURE THE APP
MODERNIZATION JOURNEY

Every enterprise’s application modernization journey is unique, as every LOB creating services needs the flexibility to choose how to best protect their apps. F5 and Google Cloud provide application-intrinsic security across all environments, ensuring a secure app modernization experience from inception to production for virtualized, container, and serverless apps.

With F5 and Google Cloud, enterprises can easily integrate and automate security to improve effectiveness early in the application development lifecycle. Together, F5 and Google Cloud empower enterprises to scale security capabilities to match the speed of app development, migration, and time to market, ensuring successful and secure application modernization.

F5 and Google Cloud enable frictionless security that boosts application performance, defends user data, and empowers application and security modernization for hybrid and multi-cloud environments.

F5	Google Cloud	Better together
Centralize security management and visibility across hybrid environments	Enable multi-tier and distributed architectures over cloud- and container-native services	Develop, secure, and deploy adaptive multi-cloud applications
Prevent account takeovers and thwart bots	reCAPTCHA advanced risk analysis engine stops abuse from automated attacks	Deliver extraordinary and secure digital experiences
Unify security policies and achieve single pane-of-glass management	Seamlessly connect GKE to reuse rules inherit rule setups from F5	Mitigate app vulnerabilities and secure APIs

Modernize security

F5 negates the need for multiple security tool sets, creating simplicity and focus for security and ops teams. F5 solutions extend Google Cloud security with single pane-of-glass management and connectors that accelerate cloud adoption and security deployments.

Available from Google Cloud Marketplace, F5’s SaaS-delivered capabilities easily extend existing on-premises security capabilities to the cloud. Together, F5 and Google Cloud empower security teams to centrally set and control policies while providing LOB app teams the flexibility to choose how they consume cloud and security services without adding complexity.

Mitigate bots and automated attacks

Discourage and thwart fraudsters whose attacks are constantly increasing in sophistication, volume, and damage. F5 and Google Cloud help mitigate bots and abuse with continuous learning and intelligent threat protection that adapts as attackers retool.

F5’s easy deployment on Google Cloud enables full-spectrum threat protection against credential stuffing, scraping, face accounts, inventory hoarding, gift card attacks, and more across web, mobile, and APIs. Employ Google Cloud security capabilities for volume-focused defenses and augment with F5 solutions to detect and prevent more advanced, highly adaptive attacks.

To learn more, visit f5.com/gcp

¹ ESG, Modern Application Security Trends Drive WAAP Adoption, May 2022

