NGINX App Protect®

Modern Application Security

Prevent Downtime and Breaches by Securing Your Modern Apps and APIs

Today's application landscape has changed dramatically. Nearly 85% of new workloads are deployed in containers and a similar 83% of Internet traffic is now API calls.

Modern apps are microservices that run in containers, communicate via APIs, and deploy via automated CI/CD pipelines.

Everything is optimized for time to market.

And yet, in many cases, security is an afterthought. To take a modern approach, DevOps teams need to:

- Integrate the non-disruptive security controls authorized by the security team into their automation and CI/CD processes
- Deploy and manage app security controls across distributed environments such as containers and microservices
- Implement cost-effective security controls without impacting release velocity or application performance

NGINX App Protect is a modern application security solution designed to work seamlessly in DevOps environments as you deliver apps from code to customer. Built on F5's market-leading WAF and bot protection, NGINX App Protect runs natively on NGINX Plus and integrates security controls into your application.

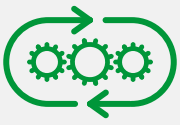
Why NGINX App Protect?

App-Centric Security

Deploy trusted F5 controls close to your apps, protecting against revenue-impacting attacks, data theft, reputational damage, and regulatory non-compliance

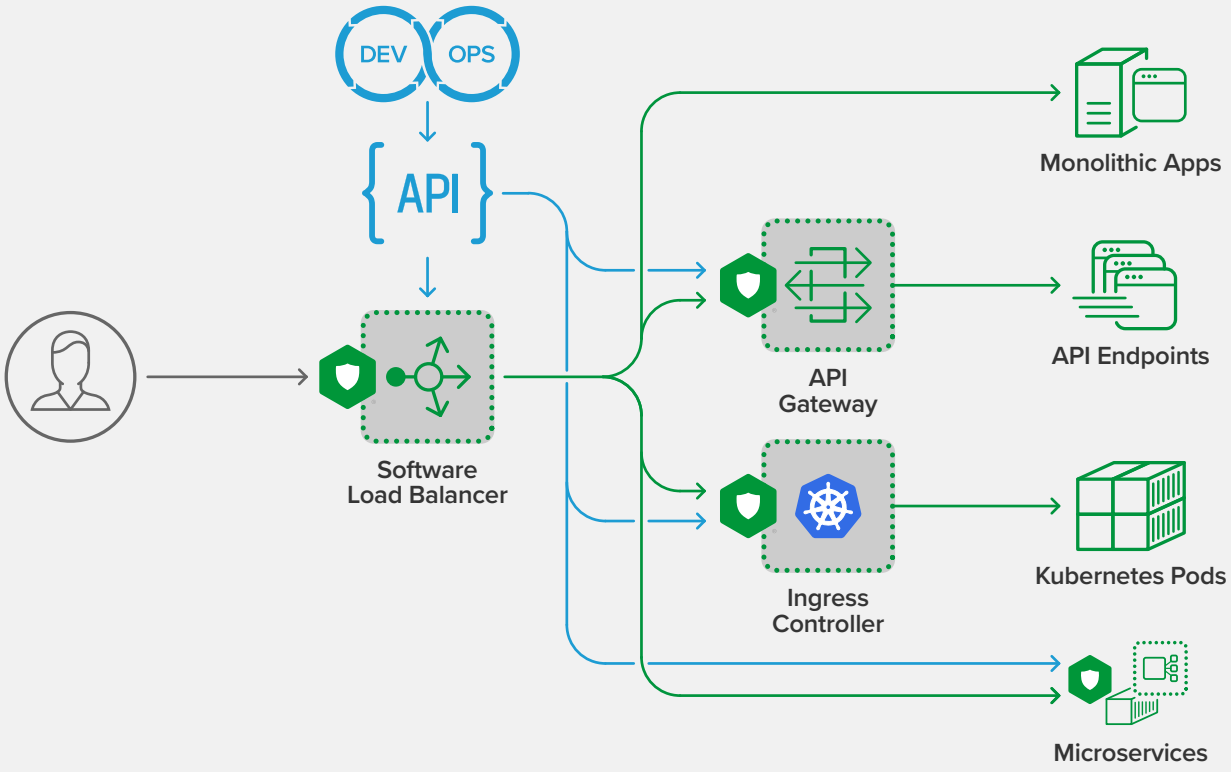
Built for Modern Apps

Deliver high-performance, scalable security on NGINX ADCs to enable consistent security controls for web applications, microservices, containers, and APIs



CI/CD Friendly

Centrally manage and automate approved security controls to remove workflow bottlenecks and support "shift left" Dev initiatives



NGINX App Protect integrates with NGINX Plus running as a software load balancer, API gateway, Kubernetes Ingress Controller, and sidecar proxy

NGINX App Protect Features

Seamless Integration with NGINX, the #1 Web Application Platform

- Enables strong security controls seamlessly integrated with NGINX Plus
- Outperforms other WAFs for improved user experience
- Reduces complexity and tool sprawl while delivering modern apps

Rapid Threat Defense and Security Analytics at Scale

- Provides expanded security beyond basic signatures to ensure adequate controls
- Utilizes F5 app-security technology for efficacy superior to ModSecurity and others
- Builds on proven F5 expertise, so you can confidently run in “blocking” mode in production
- Offers high-confidence signatures for extremely low false positives
- Increases visibility, integrating with third-party analytics solutions

Application Security as Agile as Your DevOps Processes

- Integrates security and WAF natively into the CI/CD pipeline
- Deploys as a lightweight software package that is agnostic of underlying infrastructure
- Facilitates declarative policies for “security as code” and integration with DevOps tools
- Decreases developer burden and provides feedback loop for quick security remediation
- Accelerates time to market and reduces costs with DevSecOps-automated security

Supported Environments

Cloud

- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- Microsoft Azure
- VMware

Containers

- Docker
- Kubernetes
- OpenShift

CPUs

- x86 (64 bit)

Operating Systems

- CentOS
- Debian
- Red Hat Enterprise Linux
- Ubuntu

To discover how NGINX can help you, visit nginx.com.

NGINX
Part of F5