High Performance App Delivery with Red Hat Enterprise Linux

Deliver Apps Securely, Reliably and at Scale

NGINX, now a part of F5, Inc., is the company behind the popular open source project, NGINX. The NGINX Application Platform is a suite of products that form the core of what organizations need to create applications with performance, reliability, security, and scale. Together with F5, our combined solution bridges the gap between NetOps and DevOps, with multi-cloud application services that span from code to customer.

Executive summary

Alongside Red Hat Enterprise Linux (RHEL), the NGINX Application Platform is an excellent choice for organizations with high security and compliance needs, such as government, healthcare, and finance. Together, we help you successfully deliver legacy and modern apps in any environment – avoiding costly infrastructure lock-in.

Product profile

NGINX Plus can be deployed quickly and save more than 80% compared to hardware ADCs with the all-in-one—yet surprisingly lightweight—load balancer, web server, content cache, and API gateway. Integrate security controls into your apps with NGINX App Protect, our modern app-security solution built on F5’s market-leading WAF.

Product benefits

The NGINX Application Platform is a cost-effective, flexible, and portable solution. RHEL customers may be particularly excited by these features:

- **Security.** JWT authentication and SSL offload, WAF options, proactive vulnerability patching
- **Resiliency.** Active health checks, supported High Availability, real-time monitoring, 3rd party modules
- **Scalability.** DNS-based service discovery, key-value store, clustering, CI/CD integration
“Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner. Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like, NGINX, resulting in the world’s largest open, and commercially supportable application ecosystem.”

Mike Werner
Senior Director of Global Partner Marketing,
Red Hat

Use cases

With the NGINX Application Platform, you can address security and compliance challenges that come with delivering modern apps, including:

- **FIPS Compliance.** Protect sensitive data by deploying NGINX Plus in a FIPS-compliant fashion and verifying that crypto operations are correctly performed
- **PCI DSS Compliance.** Protect cardholder data use NGINX App Protect to close vulnerabilities and exceed regulatory requirements

Learn more


About Partner

At F5, our mission is based on the fact that businesses depend on apps. When you combine F5’s and NGINX’s expertise powering over half of the world’s apps, with Shape’s insight from mitigating one billion application attacks per day, you have a company that knows how to deliver and secure more applications, and more value, than any company in the industry.

About Red Hat

Red Hat is the world’s leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.