# Ensure FIPS compliance with F5 NGINX Plus and Red Hat Enterprise Linux

## Challenges with FIPS compliance

Using in-house resources to configure and customize solutions to meet FIPS takes significant energy and time, plus renewed effort when the standard changes. But vendor support can be inconsistent and slow, putting organizations at risk of noncompliance and security vulnerabilities.

## Compliance made simple with F5 and Red Hat

F5 NGINX Plus and Red Hat Enterprise Linux provide the only FIPS-validated application delivery stack that brings high performance, deep observability, and easy deployment and scaling in a simple-to-install marketplace image.

The Federal Information Processing Standard (FIPS) defines minimum security requirements for cryptographic modules within IT solutions. Drivers for FIPS compliance include:

### Meet mandates

FIPS is required for federal agencies and any contractors or service providers who handle sensitive federal information.

### Help satisfy other regulations

FIPS encryption standards support other frameworks including FedRAMP, FISMA, StateRAMP, HIPAA, and more.

### Fortify systems and improve security

Validated, secure cryptographic methods protect data and systems.

### Enhanced security

Fortify systems against modern and future attacks with support for WAF, DoS protection, and more.

### Continuous compliance and support

Maintain compliance with near instantaneous updates across OS, encryption, and NGINX Plus.

### FIPS-validated cryptography

Leverage Red Hat Enterprise Linux compliance with FIPS 140-2/3.

### Out-of-the-box compliance

Deploy NGINX Plus already configured to use Red Hat cryptography modules.

### Simplified deployment and management

Get seamless installation and solutions running in minutes.

### Advanced observability and efficiency

Create real-time visibility into apps and APIs with less overhead and no service interruptions.

## Ready to offload the heavy lift of FIPS compliance?

Contact your F5 NGINX or Red Hat team to discuss your compliance requirements, current application delivery practices, and organizational needs.

**Learn more about our partnership at f5.com/redhat.**