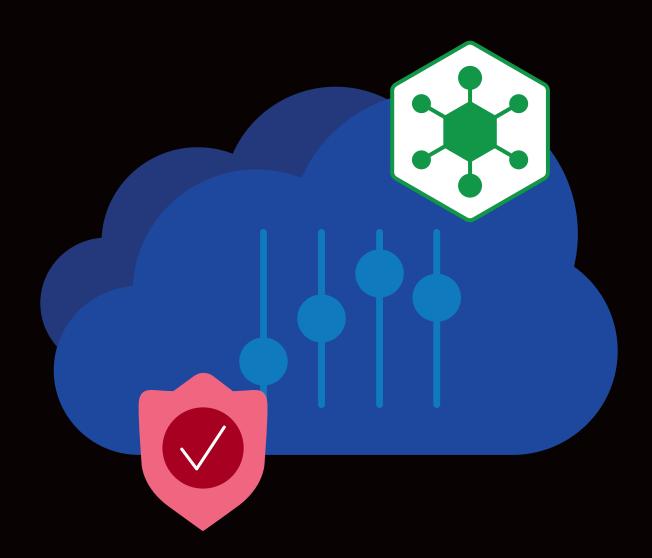
Inventory, Control, and Secure NGINX Instances

F5 NGINX Instance Manager lets you inventory all your organization's NGINX instances so you can configure, secure, and monitor your NGINX fleet with ease.





Key Benefits

Save Time

Inventory, manage, and secure your organization's entire NGINX fleet from a single pane of glass.

Empower Developers

Enable developer teams to create, edit, and publish configurations while maintaining centralized control.

Improve Security

Visualize attacks and WAF performance, and edit and publish security configurations on a global scale.

Deploy Anywhere

Enable seamless deployment on VMs, Docker containers, and Kubernetes with Helm charts for quick and easy setup.

Secure Access

Enable teams to govern access to NGINX resources by assigning specific roles, ensuring only authorized actions and access within Instance Manager.

Simplify NGINX Management, Empower Development Teams, and Improve Security

Enterprises rely on NGINX for everything from content caching and load balancing to API delivery and Kubernetes Ingress. Like most software, a single NGINX instance is easy to manage manually, but watching over lots of instances can be tedious – and many of our customers have hundreds, or even thousands.

How do you keep track of all your instances and make sure they have up-to-date configuration and security settings?

That's where NGINX Instance Manager comes in.

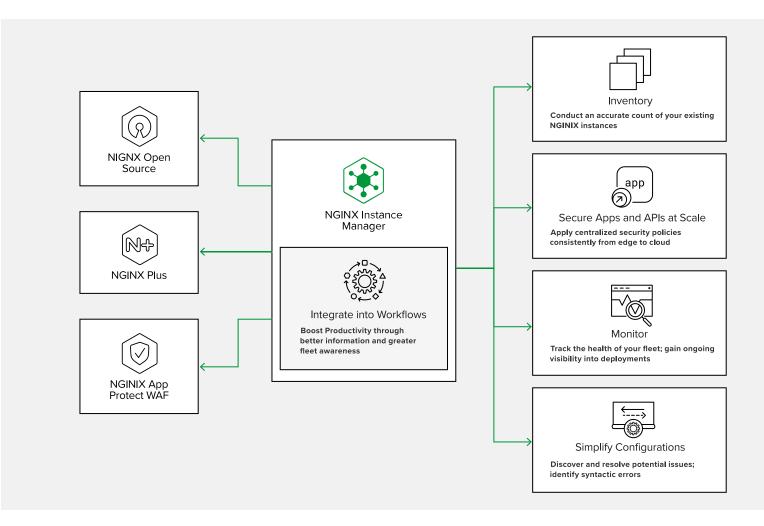
Operating within the control plane, NGINX Instance Manager simplifies the configuration and maintenance of your NGINX fleet. Platform Ops teams can easily monitor instances, development teams can update configs and certificates through a shared interface, and security teams can ensure a high level of app and API security.

With NGINX Instance Manager you can:

- Discover all NGINX Open Source, F5 NGINX Plus, and F5 NGINX App Protect WAF instances in your organization.
- Update expiring certificates, see which versions and signature packages have been applied, learn if NGINX versions have potential exposure to CVEs, and push out fixes for active CVEs.
- Create, modify, and publish traffic management configurations and security policies, as well as update attack signatures and threat campaigns.
- Discover configuration problems and get suggested fixes.

Streamline and Secure NGINX Operations

NGINX Instance Manager identifies, secures, manages, and monitors all NGINX Open Source and NGINX Plus instances in your organization. It is ideal for isolated on-prem and cloud environments.



Inventory NGINX Instances

Get an accurate count of your organization's existing instances in any environment from edge to Kubernetes cluster.

- Scan your network to find unmanaged instances and view your complete landscape of web servers and proxies from the GUI or REST API.
- Generate tables of discovered instances with detailed certificate information.
- Determine if instances have exposure to CVEs and push out fixes for active CVEs.

Key Features

Increase Visibility

Get an accurate count, scan for unmanaged instances, generate certificate tables, and identify CVE fixes.

Simplify Configuration

Discover and fix issues, apply configurations to multiple instances, control access with RBAC, troubleshoot errors, and store NGINX Instance configurations for future deployment.

Enhance Security

Centralize WAF management, create and deploy policies, integrate into CI/CD, control via GUI or REST API, and gain policy tuning insights.

Monitor Health

Understand fleet health, integrate monitoring into CI/CD, use tools like Grafana, and gather data on performance metrics.

Simplify NGINX Configuration

Discover potential issues automatically, get suggested fixes, and pre-emptively resolve potential issues.

- · Apply one configuration to multiple instances with "Instance Groups".
- · Control access to configurations at the individual or team level using RBAC.
- Troubleshoot by analyzing current and saved configurations for syntactic errors.
- · Save and store NGINX configurations for future deployment.
- Simplify and standardize configurations with NGINX Config Templates.
- Develop UIs for any NGINX use case without deep syntax knowledge.

Secure Apps and APIs at Scale

Achieve centralized visibility and configuration management over your NGINX App Protect WAF fleet.

- · Create, edit, and deploy policy updates across your entire WAF environment.
- Integrate WAF security into your CI/CD pipeline for easy DevSecOps.
- · Control WAFs at scale using either the GUI or REST API.
- Gain visibility into protection insights for WAF policy tuning using security monitoring.

Monitor Instances

Gain a holistic understanding of the health of your organization's NGINX fleet as well as ongoing visibility into new deployments.

- Incorporate monitoring capabilities into your CI/CD workflows.
- Integrate with widely-used tools like Grafana or use options native to NGINX Instance Manager.
- Gather actionable information on caching, HTTP connections, CPU utilization, and more.

Conclusion

NGINX Instance Manager streamlines the management of your NGINX fleet, empowering development teams and improving security across your organization. By centralizing visibility and control, it addresses the challenges of managing numerous instances, allowing your teams to focus on innovation and performance.

To learn more, contact your F5 representative, or visit F5.com

