F5 BIG-IQ Centralized Managment Platform
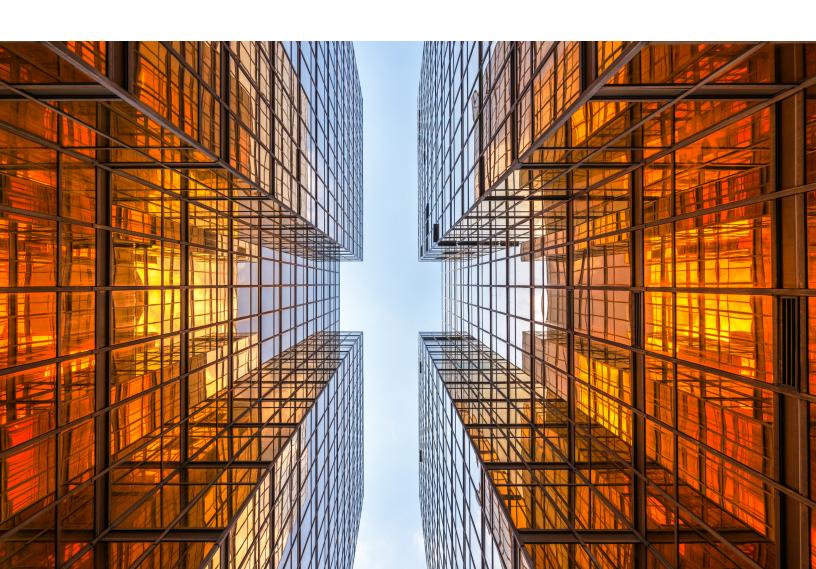
Control application delivery and security end-to-end from a single pane of glass

- Spin up application services across cloud and on-premises environments

- Create new BIG-IP Virtual Editions directly from BIG-IQ Centralized Management

- Holistically manage up to 1500 BIG-IP devices and thousands of licenses

- Automate and simplify certificate and key management with native Venafi® and Let's Encrypt integrations

- Manage permissions and access to dashboards, workflows, and templates for specific roles and users

- Get reporting on any unused or "orphaned" F5® BIG-IP® Advanced Firewall Manager™ (AFM) policies

- Get a bird's eye view of your app landscape and mapping with F5 Beacon integration

SECURITY AND VISIBILITY

- Configure and centrally manage encrypted traffic policies with the F5® SSL Orchestrator® dashboard

- Manage BIG-IP unified bot detection

- Fine-tune and deploy threat campaign mitigation for managed F5® Advanced Web Application Firewall™ instances

- Gain visibility into HTTP and TCP analytics profiles from an intuitive dashboard

- Improve security posture with the policy analyzer and a comparison of differential policies

Modern Apps Need a Holistic Approach to Management

The average consumer will abandon an application after a single subpar experience. Just one instance of app failure or poor performance and the game is up—your customer moves on to the next brand. The delivery of exceptional customer experiences relies on readily available, speedy applications, secure transactions, and a high degree of personalization. Meeting this goal of superior customer experience is often extremely challenging—especially when unified visibility, management, and automation is lacking. A piecemeal strategy to managing the F5® BIG-IP® platform of app services can be inefficient and time consuming, leading to blind spots and a lack of consistency in how services are provisioned and deployed.

Take an application-centric approach to managing your F5 portfolio with F5® BIG-IQ® Centralized Management. BIG-IQ Centralized Management significantly eases the burden of managing the BIG-IP system and offers value to NetOps, DevOps, and SecOps users with automated workflows, intelligent device management, role- and user-specific GUIs and dashboards, and tight third-party integrations. In short, BIG-IQ Centralized Management enables you to gain insight into and keep tight control of every BIG-IP application service and device in on-premises, public, and private cloud environments.
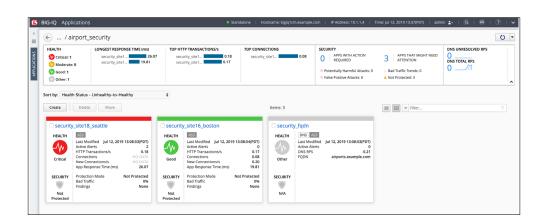

Figure 1: At-a-glance view of overall health of applications

- Create, import, and edit declarative AS3 extension templates via GUI or API

- Automate device provisioning with Declarative Onboarding

- Make a unified view of apps spanning multiple environments

- Maintain high availability with BIG-IQ Centralized Management automatic failover

- Integrate with popular automation platforms and CI/CD pipeline tools

- Use declarative REST APIs to manage, provision, and deploy BIG-IP services

- Automate creation, scheduling, and exporting of reports and alerts

Ensure Consistency and Control with F5 BIG-IQ Centralized Management

Common Application Services Management Goals:

	CHALLENGE	SOLUTION	BENEFIT
Centralized Security	Hundreds of apps with varied requirements across different operating environments lacking a unified security posture or point of control.	BIG-IQ Centralized Management holistically manages F5 application security solutions in any environment with dedicated, RBAC-enabled dashboards and proactive alerting and reporting.	Fine tune policies, repeat best practices, gain security insight from L4–L7, and mitigate threats before they affect your apps.
Policy Consistency	Varied application services policies across operating environments makes management of F5 services at scale untenable and meeting compliance mandates difficult.	BIG-IQ Centralized Management helps you create, import, and edit templates for consistent application services and policies across public, private, and hybrid cloud architectures.	BIG-IQ Centralized Management delivers control, reduces error-prone manual work, and ensures compliance across your application portfolio—on-premises or in public and private clouds.
Efficient Deployments	Manually creating, provisioning, and deploying BIG-IP devices and application services can be time consuming and requires high levels of domain expertise.	BIG-IQ Centralized Management leverages declarative, automated AS3 and Declarative Onboarding service templates, API-driven workflows, and integrations with popular CI/CD pipeline tools.	BIG-IQ Centralized Management declarative APIs and full-device lifecycle management reduces deployment times, minimizes errors, and empowers every member of the team.

BIG-IQ Centralized Management in Action– Application-Centric Management

Figure 2: App drill down view–client-to-server analytics and metrics

Ready to take holistic control of your F5 application delivery and security services? Contact us or click here to learn more.