



F5 BIG-IP on IBM Cloud Feature Rich Cloud Services

KEY BENEFITS

Unify Delivery and Security Architecture

Simplify application delivery and improve overall security and operability with services that interact with the app's surrounding environment.

Scale to Meet Changing Needs

Flexible architecture enables you to adapt quickly and plan the strategic pivots that today's fast-paced economy demands.

Put Zero Trust into Action

Discover and classify all assets in the cloud to establish effective protections and access controls.

BIG-IP Application Services on IBM Cloud

F5's advanced app services provide the increased performance, visibility, and security that business-critical apps require. F5 has extended this rich set of application services to IBM VPC, enabling their customer base to embrace IBM's latest cloud iteration.

The ability to include IBM Cloud® in a multi-cloud strategy means customers can standardize their security and application policies wherever they wish to deploy.

IBM Cloud Catalog and IBM Cloud APIs

IBM's VNF program gives customers greater control over network-based capabilities. Enterprise customers can deploy F5 advanced application services on the IBM Cloud platform with an architecture that resembles their existing networking, security, and routing policies. Firewalls, routers, and VPN devices will all interact with the IBM SDN controller to offer easy configuration, centralized management, and lower operational costs. In addition, working in conjunction with IBM Cloud Schematics (Infrastructure as Code) and the IBM Content Catalog, customers can implement best-in-class network solutions to manage their workloads.

Automated Deployment Models

By leveraging the IBM Cloud Catalog or using existing toolchains, you can deploy F5® BIG-IP® Virtual Edition (VE) in minutes with the full support of F5's [Declarative Onboarding \(DO\)](#), [Application Services 3 Extension \(AS3\)](#), and [Telemetry Streaming \(TS\)](#). This allows customers to create repeatable, fully configured BIG-IP VEs on IBM's VPC platform—enabling real, high-value cloud services for their applications.

F5 TECHNOLOGY OFFERS A UNIFIED DELIVERY AND SECURITY ARCHITECTURE THAT SIMPLIFIES APPLICATION DELIVERY, WHILE IMPROVING OVERALL SECURITY AND OPERABILITY.

Getting Started on IBM Cloud

F5 is now deployable directly from the IBM Cloud Catalog and IBM Cloud APIs. You also can use our Terraform template within the catalog or directly from [F5's DevCentral](#). Additional information for deploying BIG-IP VE on IBM Cloud can be found on [F5's Cloud Doc site](#).

The F5 platform licensing supports throughputs up to 10 Gbps and includes all iterations of F5 with the bring-your-own-license model. In the future, IBM and F5 will enable utility-based pricing as well.

[Learn more about IBM Cloud VPC](#), or [create an IBM Cloud account](#) today to get started.

Delivering Application Security

F5 technology offers a unified delivery and security architecture that simplifies application delivery, while improving overall security and operability. Application services delivered include traffic management, web application firewall, load balancing, distributed denial-of-service (DDoS) protection, and API management. These services interact with the environment around the application, enabling it to adapt to changing conditions. These and other application services help to ensure the performance, security, and operability of the applications they support by shaping and steering traffic in response to the application state, the nature of the traffic itself, and other environmental factors.



Figure 1: Application services that go from code to customer

KEY FEATURES

Application Security

- Web Application Firewall (WAF)
- DDoS protection
- API protection

Scale to Meet Changing Needs

- Traffic management
- Load balancing
- API management

Put Zero Trust into Action

- Automation services
- Application visibility
- Flexible deployment

Architecture for a Flexible Future

Given the fast-paced, competitive nature of today's economy, customers need the flexibility to quickly adapt and change their strategic direction. While many companies currently run apps in a single cloud, a growing number of companies are moving to distributed, container-based microservices across multiple clouds.

By standardizing on F5 in the cloud, your strategic investment sets you up for success. That means you don't have to deal with the complexity and diversity of native services across multiple cloud providers. It also ensures consistent support in any environment.

About IBM Cloud

The IBM Cloud® platform combines Platform as a Service (PaaS) with Infrastructure as a Service (IaaS) to provide an integrated experience. The platform scales and supports both small development teams and organizations, and large enterprise businesses. Globally deployed across data centers around the world, the solution you build on IBM Cloud spins up fast and performs reliably in a tested and supported environment you can trust. IBM Cloud provides solutions that enable higher levels of compliance, security, and management, with proven architecture patterns and rapid delivery methods for running mission-critical workloads. Available in data centers worldwide, across 19 countries with multizone regions in North and South America, Europe, Asia, and Australia, you're equipped to deploy locally with global scalability.

To learn more, contact your F5 representative or [contact F5 Sales](#).

