



# BIG-IP ADVANCED LOAD BALANCER

/ technical datasheet

gigas

F5 BIG-IP is the industry's leading load balancing service, designed to ensure speed, availability and security for the apps and networks that are essential for doing business. Our pay-as-you-go systems allow you to optimize consumption and expenses, as well as improve architectural flexibility with no downtime or initial costs.



## ADVANTAGES

### NO INVESTMENT



Same features as for a pay-as-you-go system in a physical environment

### HIGH AVAILABILITY



Completely redundant infrastructure

### BETTER VALUE



Save up to 30% over identical solutions on the market

### SOFTWARE LEADER



Trusted and intuitive software with advanced features

## Versions

Choose between the BIG IP Good version that provides local and intelligent traffic management to improve the operational efficiency of applications and increases network demand, and the BIG IP Best version that includes other essential services in addition to advanced traffic management.

### BIG-IP LTM Good

Allows the optimization of application availability and user experience with L4-L7 integrated load balancing, SSL/TLS offloading and visibility, and programmatic traffic handling with F5 iRules. Payable monthly.

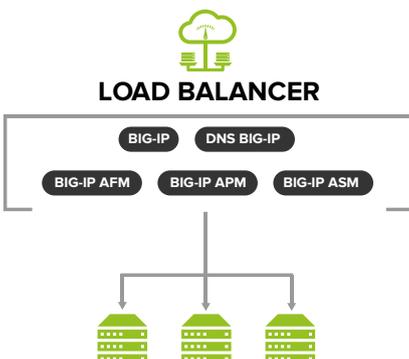
**Available throughputs\*:**  
**25 Mbps, 200 Mbps and 1Gbps**

### BIG-IP LTM Best

Monthly pay-as-you-go system provides, in addition to everything outlined in the Good version, advanced management by offering maximum security, performance and availability for applications and networks. It specifically includes:

- **DNS BIG-IP** allows globally distributed users to be directed to the closest application servers or the best performing ones via global server load balancing sharing and DNS services.
- **BIG-IP AFM** mitigates layer 3 and 4 threats in real time, offering multi-layered DDoS protection and network security.
- **BIG-IP APM** provides secure, anytime, anywhere access with application authentication (SAML, OAuth and OIDC), authentication and endpoint inspection, as well as SSL VPN, Single-Sign-On (SSO), and Multi-Factor Authentication (MFA).
- **BIG-IP ASM** with WAF application protection protects against a wide range of application layer threats, including DoS L7, botnet attacks, and 10 other main types of OWASP attacks. Provides regulatory compliance with PCI-DSS, HIPAA, FIPS 140-2, etc.

**AVAILABLE THROUGHPUT\*:**  
**200 Mbps and 1Gbps**



\*Throughputs are measured as the sum of inbound and outbound traffic



## Functionality matrix

Model	GOOD AVAILABLE THROUGHPUTS: 25 Mbps, 200 Mbps and 1Gbps	BEST AVAILABLE THROUGHPUTS: 200 Mbps and 1Gbps
<b>BIG-IP® Local Traffic Manager™</b>		
Load balancing and monitoring	✓	✓
Application visibility and monitoring	✓	✓
L7 intelligent traffic management	✓	✓
Core protocol optimization (HTTP,TCP, SPDY, SSL)	✓	✓
SSL proxy and services	✓	✓
IPv6 support	✓	✓
Programmability (iRules®, iCall™, iControl®, iApps®)	✓	✓
ScaleN™ (on-demand application and operational scaling)	✓	✓
BIG-IP® AAM™ Core (caching, compression, bandwidth controller)	✓	✓
BIG-IP® APM® Lite (user authentication, SSL VPN for 10 concurrent users)	✓	✓
SYN flood protection	✓	✓
<b>Software Services</b>		
SDN services (VXLAN gateway)	Opcional	✓
Advanced routing (BGP, RIP, OSPF, ISIS, BFD)	Opcional	✓
<b>BIG-IP® Global Traffic Manager™</b>		
Global server load balancing		✓
DNS services		✓
Real-time DNSSEC solution		✓
Global application high availability		✓
Geolocation		✓
DNS DDoS attack prevention		✓
<b>BIG-IP® Application Acceleration Manager™</b>		
Web performance optimization		✓
WAN optimization (data deduplication, FEC)		✓
Mobile optimization (smart client cache, image optimization)		✓
SaaS acceleration (reduce bandwidth usage and page load times)		✓
<b>BIG-IP® Advanced Firewall Manager™</b>		
High-performance ICSA firewall		✓
Network DDoS protection		✓
Application-centric firewall policies		✓
Protocol anomaly detection		✓
<b>BIG-IP® Application Security Manager™</b>		
PCI-compliant web application firewall		✓
Web scraping prevention		✓
Integrated XML firewall		✓
Violation correlation and incident grouping		✓
Application DDoS protection		✓
<b>BIG-IP® Access Policy Manager®</b>		
500 concurrent user sessions; scalable up to 200,000		✓
BYOD enablement		✓
Full proxy for VDI (Citrix, VMware)		✓
Single sign-on enhancements (identity federation with SAML 2.0)		✓