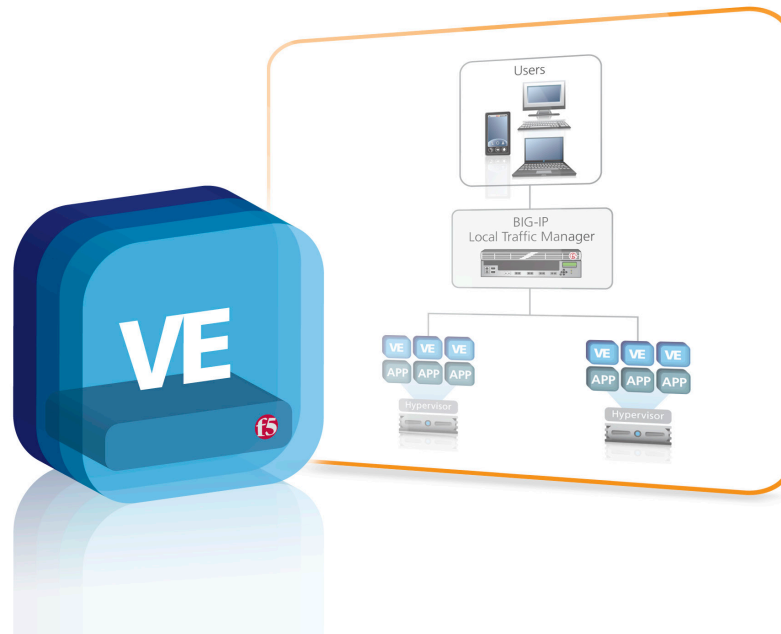


BIG-IP Local Traffic Manager VE

PRODUCT OVERVIEW



Gain the Flexibility of a Virtual Application Delivery Network

Key benefits

- Easily deploy apps and ensure availability
- Gain ultimate flexibility using both virtual and physical appliances
- Secure your applications, network, and data
- Reduce server load, bandwidth usage, and related costs
- Get full control of application traffic to handle changing business, infrastructure, and application demands

As server virtualization becomes more prevalent within data centers, you need to be able to apply the functionality of your physical Application Delivery Network in a virtualized environment. This frees you from prescriptive data center architectures and enables you to design an architecture based on the unique needs of your environment and applications.

BIG-IP® Local Traffic Manager™ (LTM) Virtual Edition (VE) takes your Application Delivery Network virtual. You get the agility you need to create a mobile, scalable, and adaptable infrastructure for virtualized applications. And like physical BIG-IP devices, BIG-IP LTM VE is a full proxy between users and application servers, providing a layer of abstraction that secures, optimizes, and load balances application traffic.

Easily deploy apps and ensure availability

With BIG-IP LTM VE, you get the industry's most advanced load balancing and application health monitoring capabilities. F5 iApp™ enables you to easily deploy and manage applications using user-defined application-centric configuration templates. The associated application related statistics provide complete visibility into the health and performance of your applications for faster troubleshooting and resolution of issues.

Gain ultimate flexibility with both virtual and physical architecture

You can deploy both virtual and physical BIG-IP LTM components to create a fully flexible and adaptable Application Delivery Network. This hybrid approach ensures your architecture maintains high performance and scalability while providing the agility to meet the changing needs of your virtualized environment.

Secure your applications and data

From network firewall and protocol-level security to application attack filtering, BIG-IP LTM VE deploys a suite of security services to protect your most precious resources—the applications that run your business.

Reduce servers, bandwidth, and management costs

Advanced TCP connection management, TCP optimization, and server offloading enable you to optimize the utilization of your existing infrastructure—tripling server capacity and reducing bandwidth costs by up to 80 percent. By using fewer servers, less bandwidth, less power, and less cooling, while reducing the time spent time managing your infrastructure, you can significantly reduce your operational costs.

Take control over application delivery

The F5 TMOS® operating system gives you control of the connection, packets, and payload for applications. Using F5 iRules®, you can customize how you intercept, inspect, transform, and direct inbound and outbound application traffic. The F5 iControl® API makes it easy to integrate with third-party management systems.

Deploy a range of virtual BIG-IP products

In addition to BIG-IP LTM, GTM, WOM, ASM, WebAccelerator, Edge Gateway, and APM are available as virtual appliances running on VMware vSphere and Citrix XenServer hypervisors. BIG-IP virtual appliances can also be run on Microsoft Hyper-V hypervisor for test lab environments. These virtual editions give you the flexibility to deploy BIG-IP products in virtualized environments such as test labs, cloud deployments, remote sites, and hybrid architectures.

BIG-IP LTM VE features

Availability

- Comprehensive load balancing
- In-band server health monitoring
- Customized health monitoring
- Application connection persistence
- Device Service Clustering for HA scaling and configuration syncing

Optimization

- SSL offload
- HTTP compression and caching
- HTTP server offload (request multiplexing)
- TCP optimization
- L7 QoS Rate Shaping™
- WAN optimization services
- Performance dashboard
- IPv6 Gateway™ (NAT64 support)

Security

- Network firewall
- DoS attack and SYN flood protection
- Application attack filtering
- HTTP header sanitization
- Response error handling

Management

- iApp for app-level config and management
- Analytics for app visibility and reporting
- High speed logging
- iRules and iControl
- Web-based management GUI
- VMware Ready Certified

Learn more

For more information about BIG-IP LTM VE, use the search function on f5.com to find these resources.

Datasheets

[BIG-IP Local Traffic Manager VE](#)

White paper

[Creating a Hybrid ADN Architecture with both Virtual and Physical ADCs](#)

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