



“We’ve built an iron fence around our web application with BIG-IP APM. It not only secures the application; it helps us manage the traffic and the user experience.”

Dean Newman, Director of IT, PensionsFirst

## Simplify Web Access Management and Scale Cost-Effectively

### Key benefits

- Drive identity into your network
- Provide dynamic access control based on identity
- Ensure strong endpoint security
- Simplify authentication, consolidate infrastructure, and reduce costs
- Deliver high performance, scalability, and flexibility

Providing web access to networks and applications is essential to increasing worker productivity and delivering valuable consumer services. Yet ensuring security in the face of increasing access needs adds complexity to IT infrastructures and makes it difficult and expensive to scale.

BIG-IP® Access Policy Manager™ (APM) is a flexible, high-performance access and security solution that runs as a module on BIG-IP® Local Traffic Manager™ (LTM) physical and virtual editions. With BIG-IP APM, you can provide policy-based, context-aware access to users while simplifying authentication, authorization, and accounting (AAA) management. By providing full AAA control directly on the BIG-IP system, BIG-IP APM enables you to consolidate your access infrastructure, reduce authentication and authorization costs, and scale to support thousands of users simultaneously.

## Drive identity into your network

BIG-IP APM drives identity into your network to provide secure, context-aware user access to web applications. The advanced Visual Policy Editor makes it easy to create individual and group policies for many different entities. This central point of control gives you valuable insight into the approved services users are accessing. Credential caching enables users to sign in once to access all their authorized sites and applications.

## Provide dynamic access control based on identity

BIG-IP APM provides dynamic access control by creating L4 and L7 access control lists (ACLs) based on user identity, IP address, and attributes such as group membership pulled from the directory. You can use the Visual Policy Editor to quickly and easily create ACLs.

## Ensure strong endpoint security

An optional endpoint security service validates user devices with access policy to protect your organization from virus or malware infections, accidental data loss, and rogue device access. BIG-IP APM can deliver an inspection engine via the browser that performs endpoint inspection services—including OS, antivirus, and firewall checks—and adds the results to access policies.

## Simplify, consolidate, and reduce costs

BIG-IP APM helps you simplify access management and consolidate your infrastructure by giving you centralized AAA control directly on the BIG-IP system. You can apply repeatable access policies across many applications and eliminate redundant tiers to reduce infrastructure and management costs. BIG-IP APM supports Active Directory, ActiveSync,

LDAP, Native RSA SecurID, and RADIUS accounting as well as authentication redundancy. In addition, it integrates with Oracle Access Manager, providing one location to manage policy-based access services for Oracle applications. With simplified access management for Citrix XenApp environments, administrators can save time, consolidate infrastructure, and reduce CapEx and OpEx.

## Deliver high performance, scalability, and flexibility

BIG-IP APM, running on BIG-IP LTM Virtual Edition, delivers flexible web access options in VMware View deployments. When migrating to Exchange Server 2010, BIG-IP APM facilitates seamless mailbox migration over time. BIG-IP APM supports more than 600 logins per second, and a single high-end appliance can support up to 60,000 connections.

## BIG-IP APM features

- Web access policy management
- Advanced Visual Policy Editor
- Policy routing
- Export and import of access policies
- Comprehensive web access authentication
- AAA server support and high availability
- Access control support in BIG-IP Local Traffic Manager virtual server
- Integration with Oracle Access Manager
- Simplified access management for Citrix XenApp environments
- Access policy dashboard reporting
- Geolocation agent in Visual Policy Editor
- Layering with BIG-IP® Application Security Manager™ and WebAccelerator™
- F5 TMOS® architecture
- SSL offload
- Caching
- Compression
- iRules®
- TCP/IP optimization
- L7 Rate Shaping™
- IPv6 Gateway™
- IP/port filtering
- Endpoint security and customization
- Virtual keyboard support
- Protected workspace
- Microsoft ActiveSync and Outlook Anywhere support
- External logon page support
- Authorization – access control lists (ACL) policy enforcement
- Credential caching and proxying for SSO
- Flexible deployment in virtual environments

## Learn more about BIG-IP APM

For more information about BIG-IP APM, use the search function on [F5.com](http://F5.com) to find these resources.

### Datasheets

[BIG-IP® Access Policy Manager™](#)

[BIG-IP® Add-On Modules](#)

### White paper

[BIG-IP Version 10.1: An Integrated Application Delivery Architecture](#)

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