

BIG-IP Application Security Manager

PRODUCT OVERVIEW



“At the time of deployment, we can secure critical applications proactively and rapidly, directly through BIG-IP ASM, which saves us a lot in terms of rollout time and resources.”

Philippe Bossut, Network System Manager, Crédit Coopératif

Protect Your Business with High Performance Application Security

Key benefits:

- | | | |
|--|---|---|
| <ul style="list-style-type: none">· Ensure application availability by stopping hackers and attacks· Handle changing threats with greater agility | <ul style="list-style-type: none">· Reduce the costs of meeting security compliance requirements· Improve application security and performance | <ul style="list-style-type: none">· Get out-of-the-box application security policies with minimal configuration |
|--|---|---|

As more application traffic moves over the web, sensitive customer data is exposed to new security vulnerabilities and attacks, especially at the application layer.

F5's BIG-IP® Application Security Manager™ (ASM) is an advanced web application firewall that significantly reduces and mitigates the risk of loss or damage to data, intellectual property, and web applications. BIG-IP ASM provides end-to-end application protection, advanced monitoring, and centralized reporting, and it addresses key regulatory mandates.

The result is the industry's most comprehensive web application security and application integrity solution. BIG-IP ASM protects your organization and its reputation by maintaining the confidentiality, availability, and performance of the applications that are critical to your business.

Deliver comprehensive security

With BIG-IP ASM, you get integrated attack prevention from the latest layer 7 DoS and brute force attacks, along with advanced protocol protection. BIG-IP ASM mitigates a broad spectrum of attacks like SQL injection and cross-site scripting and provides a comprehensive set of pre-defined, validated Application Ready Solution security policy templates. As an advanced, application layer gateway, BIG-IP ASM stops hackers and attacks while ensuring that legitimate users can access the applications they need.

Increase business agility

BIG-IP ASM automatically builds and manages security policies around newly discovered vulnerabilities, deploying fast, agile business processes without manual intervention. Running on F5's intelligent and powerful TMOS™ architecture, BIG-IP ASM

gives you unprecedented control and flexibility in securing your applications against constantly changing threats.

Achieve compliance cost-effectively

Advanced, built-in security protection helps your organization comply with industry security standards, including PCI DSS, HIPAA, Basel II, and SOX, in a cost-effective way—without requiring multiple appliances and with no application changes or rewrites.

Improve performance

Unlike many other security solutions, with BIG-IP ASM you don't have to choose between security and performance. TMOS architecture provides significant performance advantages, including SSL offload, caching, compression, TCP optimization, and more. And because BIG-IP ASM works on the same platform

with BIG-IP® WebAccelerator™, you can gain even greater performance improvements while benefitting from optimized server utilization and cost savings.

Get out-of-the-box protection

Equipped with a set of pre-built and certified application security policies, BIG-IP ASM gives you out-of-the box protection for common applications such as Microsoft Outlook Web Access, Lotus Domino Mail Server, Oracle E-Business Financials, and Microsoft Office SharePoint. A rapid deployment policy secures any internal or third-party application with zero configuration time.

BIG-IP ASM Features

- Real-time traffic policy builder
- Integrated XML firewall
- Data guard and cloaking
- WhiteHat Sentinel integration
- Live update for attack signatures
- SMTP and FTP security
- Application Ready Solution policy templates
- URI latency monitoring and reporting
- BIG-IP WebAccelerator integration
- F5 TMOS architecture
 - SSL offload
 - Caching
 - Compression
 - iRules™
 - TCP/IP optimization
 - L7 Rate Shaping™
- IPv6 Gateway™
- IP/port filtering
- Comprehensive attack prevention
 - Layer 7 DoS
 - Brute force
 - Cross-site scripting
 - SQL injection
 - Parameter tampering
 - Session highjacking
 - Buffer overflows
 - Cookie manipulation
 - Various encoding attacks
 - Forceful browsing
 - XML bombs/DoS

Learn more about BIG-IP ASM

For more information about BIG-IP ASM, use the search function on F5.com to find these resources.

Datasheets

[BIG-IP® Application Security Manager™](#)
[BIG-IP® Add-On Modules](#)

White Paper

[Web Application Vulnerabilities and Avoiding Application Exposure](#)

Case study

[Crédit Coopératif Secures Its Online Banking Services](#)

F5 Networks, Inc. 401 Elliott Avenue West, Seattle, WA 98119 888-882-4447 www.f5.com

F5 Networks, Inc.
Corporate Headquarters
info@f5.com

F5 Networks
Asia-Pacific
info.asia@f5.com

F5 Networks Ltd.
Europe/Middle-East/Africa
emeainfo@f5.com

F5 Networks
Japan K.K.
f5j-info@f5.com



IT agility. Your way.