McAfee®

Protect what you value.

McAfee Host Intrusion Prevention for Servers

Proactively secure your servers and applications

KEY ADVANTAGES

Behavioral and signature-based IPS

- **Ensures systems are protected against zero-day attacks and accurately identifies known threats**

Integrated system firewall

- **Defends and controls systems to prevent new threats that anti-virus alone cannot defend against**

Application control

- **Protect applications from being used in attacks and control which applications can be installed**

Enterprise manageability

- **Decrease cost and improve security by using single integrated management to manage all endpoint security**

The Challenge

Your corporate servers are critical to your business. They house your most valuable information assets and keep your business alive. As an IT manager, one of your top challenges is to successfully protect these servers and applications from known and unknown attacks that threaten to disrupt your business. To accomplish this, you must aggressively deploy security technologies throughout your network.

But the complexity of the exploits that target the vulnerabilities within your servers and applications continues to rise at an equally aggressive speed. You always seem to be just half a step ahead of the problem. The key to winning this game is to implement a proactive security strategy that prevents the attacks from happening in the first place. With a proactive approach to securing your servers and applications, you can rest assured that your confidential data is protected and your business continuity is preserved.

McAfee Host Intrusion Prevention for Servers

McAfee Host Intrusion Prevention (Host IPS) for Servers monitors and blocks unwanted activity and threats. Host IPS for Servers maintains server uptime and protects corporate assets like applications and databases. It uses multiple proven methods, including signature and behavioral intrusion prevention, a system firewall, and application-blocking control. With automatic vulnerability shields and security content, you get the proactive vulnerability-shielding capabilities you need. Patching systems is something you will do less often and less urgently, and you will find it easier to comply with legal regulations. Host IPS is easy to deploy, easy to configure, and easy to manage.

Enterprise manageability

McAfee ePolicy Orchestrator® (ePO™) is the industry-leading security management solution, delivering a coordinated, proactive defense against malicious threats and attacks for the enterprise. As the central hub of McAfee security risk management solutions, administrators can mitigate the risk of rogue, noncompliant systems, keep protection up to date, configure and enforce protection policies, and monitor security status, 24/7, from one centralized, web-based console. Deploy ePO and manage all of your new security solutions or extend your investment in enterprise security management by adding Host IPS to your existing ePO infrastructure.

ePO dashboards make viewing Host IPS data easy.

SYSTEM REQUIREMENTS

Microsoft Windows 32-bit

- **Windows 2000 Server**
- **Windows 2000 Professional Server**
- **Windows 2000 Datacenter Server**
- **Windows 2000 Advanced Server with SP2 or later**

Microsoft Windows 64-bit

- **Windows Server 2003**
- **Windows Server 2003, Enterprise Edition**
- **Windows Server 2003, Standard Edition**
- **Windows Server 2003, Web Edition with SP2 or later**

Red Hat Linux

- **Red Hat Enterprise Linux 4.0**
- **32-bit Intel i686 kernels**

Sun Solaris

- **Solaris 8, sun4u (32-bit or 64-bit kernel)**
- **Solaris 9, sun4u (32-bit or 64-bit kernel)**
- **Solaris 10, sun4u (64 bit only)**

Supported web server platforms:

- **Apache 1.3.6 and later Web Server**
- **Apache 2.0.42 or later Web Server**
- **Sun ONE Web Server 6.0**
- **Sun Java Web Server 6.1**

Supported database server platforms:

- **Microsoft SQL Server 2000 (Windows) SP3a, SP4**
- **IIS 4.0, 5.0, and 6.0 (Windows)**

Features and Benefits

Three layers of protection

Host IPS delivers the most comprehensive solution available to protect enterprises from attacks. Behavioral protection blocks zero-day attacks and enforces proper operating system and application behavior; signatures block known attacks and provide administrators with complete vulnerability coverage of the threats they face; application control allows you to monitor and control any and all applications on your servers; and a system firewall ensures compliance to application and system access policies.

Behavioral and signature IPS protection

Host IPS behavioral protection protects your systems against zero-day attacks that target new vulnerabilities—without requiring updates. Features include:

- **Buffer-overflow exploit prevention**—Patented McAfee Host IPS technology prevents code execution resulting from buffer-overflow attacks, one of the most common methods of attacking servers.
- **Vulnerability shielding**—Automatically updated security content shields vulnerabilities on servers, providing protection from software vulnerabilities and giving you time to test patches before you deploy.
- **Web server and database server protection**—Host IPS for servers contains unique protection engineered specifically to protect web servers and database servers from attacks like directory traversal and SQL injection attacks.

Application control

Host IPS provides the ability to control and monitor applications running on a server. Features include:

- **Application shielding and enveloping**—Prevent compromise of applications and their data, and also prevent the application from being used to attack other applications, even by a user with administrative privileges.
- **Application blocking**—Host IPS can block applications from being installed on a servers, which reduces the introduction of unauthorized applications. With application blocking you can be alerted of new applications not specifically banned or allowed, so you can track or block the introduction of new applications to your server environment.

System firewall

The stateful, system firewall for Windows® servers proactively defends and controls your servers to prevent new threats that anti-virus alone cannot defend against. It protects your networked servers from intrusions that compromise data, applications, or the operating system by working at several layers of the network architecture, where different criteria are used to restrict network traffic.

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