



IBM RealSecure Server Sensor for AIX

Overview

IBM RealSecure® Server Sensor provides Power™ servers running AIX® the most comprehensive combination of defense-in-depth by offering

- *Multi-layered preemptive intrusion prevention and detection with a firewall, vulnerability Shielding and web application protection*
- *Comprehensive threat mitigation & compliance functionality*
- *Centralized management with IBM Proventia® Management SiteProtector™ system*

RealSecure Server Sensor for AIX extends beyond compliance support and serves as a critical component in Data Loss Prevention (DLP) strategies. With trends in measuring the cost of server breaches based on cost per compromised record vs. server downtime, a comprehensive DLP strategy with RealSecure Server Sensor for AIX will:

- *Enable real-time reporting on data and applications*

- *Support data loss prevention strategies and provide preemptive protection while enforcing corporate security policy for servers*
- *Inspect traffic entering the server to block malicious code attempting to create an access point to access and extract sensitive data.*

RealSecure Server Sensor for AIX is designed to integrate seamlessly into existing Power™ Systems infrastructure and is managed centrally by the IBM SiteProtector™ system.

Benefits

RealSecure Server Sensor for AIX delivers a wide array of benefits that support both compliance regulations and DLP strategies.

RealSecure Server Sensor for AIX proactively supports compliance, protecting one server at a time and the enterprise as a whole. The system provides continuous file integrity monitoring to alert security teams to changes in specified files, giving companies control of access and changes to confidential data.

RealSecure Server Sensor for AIX also delivers critical server security in a complete Data Loss Prevention strategy. RealSecure Server Sensor for AIX stops internal server attacks and threats before it is compromised and before there is a critical data breach.

- *Protects AIX servers and applications from known and unknown threats with integrated firewall and vulnerability-centric intrusion prevention*
- *Simplifies and supports organizational compliance requirements by maintaining server integrity through customizable registry and file monitoring.*
- *Combines a server firewall with vulnerability-centric intrusion prevention and comprehensive system auditing capabilities.*
- *Provides data loss prevention and preemptive protection support while enforcing corporate security policies for servers*
- *Helps ensure system integrity, data confidentiality and policy compliance with internal and external standards*
- *Provides controls to guard against insider threats*
- *Integrates seamlessly with existing Power systems infrastructure to preserve legitimate traffic flows without interruption*
- *Centrally managed by the IBM SiteProtector system*
- *Protects at-risk systems before vendor supplied patches are available with IBM Virtual Patch® technology.*

- *Offers the most up-to-date security intelligence powered by the IBM Internet Security Systems (ISS) X-Force® research and development team.*

Perform Security Compliance Auditing

RealSecure Server Sensor for AIX helps achieve regulatory compliance and provides centralized management of OS audit policies to protect vulnerabilities that arise from application design, development or deployment flaws. It also helps verify that all critical servers have a consistent audit policy to protect data confidentiality. RealSecure Server Sensor for AIX maintains secure accessibility by monitoring logins, privilege escalations and other system-level activity. RealSecure Server Sensor for AIX integrates with the existing infrastructure and enables:

- *Policy management and enforcement auditing*
- *Log monitoring*
- *Registry integrity monitoring*
- *OS auditing*
- *File integrity monitoring*

Preemptive Protection

RealSecure Server Sensor for AIX preemptively combats threats and addresses vulnerabilities at the network level while performing security compliance auditing. RealSecure Server Sensor for AIX protects against network vector attacks including worms, bot worms, trojans and denial

of service (DoS) attacks through a local firewall and inline vulnerability-centric intrusion prevention. RealSecure Server Sensor includes:

- *Firewall*
- *Advanced intrusion prevention/blocking*
- *Protocol analysis module (PAM)*
- *Centralized management*

RealSecure Server Sensor for AIX offers layered intrusion prevention that inspects and blocks application traffic with malicious code activity, including applications running on both Apache and Internet Information Services (IIS) Web servers. RealSecure Server Sensor for AIX provides:

- *Preemptive Web application protection with secure sockets layer (SSL) inspection*
- *HTTP/application protection*
- *Buffer overflow exploit prevention*

Platforms Supported

- *IBM AIX 6.1, 5.1, 5.2, and 5.3*



For More Information

For more information about RealSecure Server Sensor, please contact your authorized IBM ISS sales representative, or visit

www.ibm.com/services/us/iss.

About IBM Internet Security Systems, Inc.

IBM Internet Security Systems (ISS) is the trusted expert to global enterprises and world governments, providing products and services that protect against Internet threats. An established world leader in security since 1994, IBM ISS delivers proven cost efficiencies and reduces regulatory and business risk across the enterprise. IBM ISS products and services are based on the proactive security intelligence conducted by the X-Force research and development team – a world authority in vulnerability and threat research. For more information, visit

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