



McAfee Database Security

Real-time protection for business-critical databases, and compliance without downtime

Poorly protected databases are a cybercriminal's dream come true. They contain your company's most valuable, easily exploitable data—all nicely packaged in convenient locations. It's understandable why databases are the leading target of sophisticated cyberattacks by hackers and are increasingly exploited by privileged users inside of organizations. However, there's plenty you can do to protect your company's databases—and reputation. What's more, with McAfee® Database Security, achieving protection and compliance is easier than you might think.

McAfee Database Security Advantages

- Deploy and use with ease
- Gain full visibility into your database security posture
- Align security policy administration practices across security and database management personnel
- Efficiently maintain regulatory compliance
- Minimize risk and liability by stopping attacks before they cause damage
- Manage database security from a centralized console

According to a recent Verizon Data Breach Investigations Report, more than 92 percent of records breached involve a database. Annual research by the Computer Emergency Response Team (CERT) indicates that up to half of those breaches are caused by internal users. Why is this happening? Put simply, most companies have insufficient database protection. Three out of four organizations rely solely on the native database security features provided by their database vendor—features that can be easily bypassed by a database administrator or other privileged users. Network-sniffing security strategies provide only a partial view of threats and are costly to deploy, while log-based host security only offers after-the-fact forensics that do nothing to prevent attacks.

Until now, corporate IT security and database teams have had to choose between two less-than-desirable options: either sacrifice database performance for only marginally better protection or run lean and risk noncompliance to avoid database downtime. At McAfee, we believe both of these choices are unacceptable. That's why we offer McAfee Database Security.

Secure Databases from the Inside-Out with McAfee Database Security

McAfee Database Security offers real-time protection for business-critical databases from all types of threats: external, internal, and even intra-database exploits. This software-based solution provides robust security and continuous compliance without requiring architecture changes, costly hardware, or downtime. In other words, it's an efficient, affordable way to protect databases while preserving database performance and helping to ensure continuous business operations.

McAfee Database Security comprises several best-in-class McAfee security products to deliver comprehensive protection that goes far beyond native, easily bypassed database management system (DBMS) security capabilities. The modular nature of the McAfee Database Security solution allows you to customize and tune database protection, automating the processes of database discovery, protection, monitoring, and security management. This solution does not require specialized database system knowledge, so it helps your IT team achieve rapid time to value. Here's how it works:

- McAfee Vulnerability Manager for Databases automatically discovers all databases and helps you assess potential vulnerabilities
- McAfee Virtual Patching for Databases helps you protect databases from potential breaches—prior to installing vendor-released patch updates
- McAfee Database Activity Monitoring provides real-time visibility into all database activity—including privileged user access
- McAfee® ePolicy Orchestrator® (McAfee ePO™) software provides an enterprise security management console for end-to-end visibility into database security, enterprise security, and compliance

McAfee Vulnerability Manager Advantages

- Gain full visibility into database security posture
- Scan multiple databases across the enterprise from a centralized console
- Accelerate time to compliance and minimize audit cycles, resulting in significant cost savings
- Deploy quickly with minimal database system knowledge
- Quickly generate custom reports in an easy-to-understand format for various user roles

McAfee Vulnerability Manager for Databases

Gain precise security posture insight through database discovery and comprehensive vulnerability assessment. McAfee Vulnerability Manager for Databases allows you to perform a fully automated discovery of all existing databases within your environment, along with a thorough scan to identify which of those contain sensitive data such as payment card information, Social Security numbers, phone numbers, and more.

McAfee Vulnerability Manager for Databases also gives you detailed, actionable information to help you prioritize and remediate those security gaps, saving your organization the considerable expense of outside security consultants while better preparing you for compliance audits. Full integration with McAfee ePO software means database security is no longer confined to its own administration silo. Now, a single-pane-of-glass console lets you easily bring databases into a unified security management program.

McAfee has a dedicated database security research team that has developed more than 4,200 individual vulnerability tests. This team continually identifies and prioritizes specific database security risks and creates additional vulnerability tests to address the changing threat landscape.

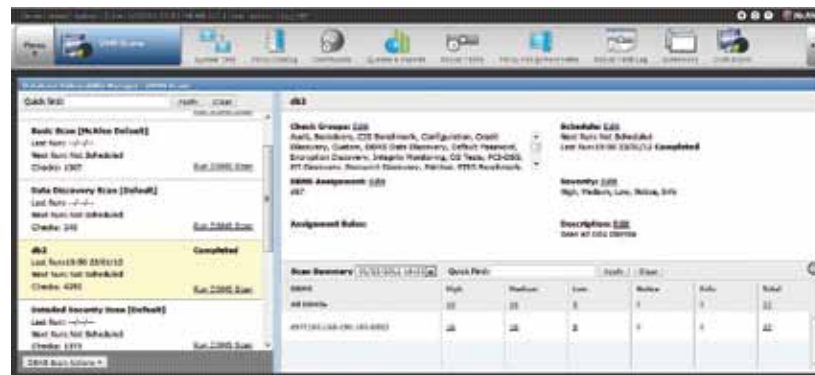


Figure 1. McAfee Vulnerability Manager for Databases includes full integration with McAfee ePO software, allowing you to manage database security as part of your overall enterprise security management program.

McAfee Database Activity Monitoring

Protect business-critical databases in real time across all threat vectors—without downtime. McAfee Database Activity Monitoring provides real-time visibility into all database activity, including local privileged user access and sophisticated attacks from within the database. It protects your databases with a set of preconfigured defenses, and helps you build a custom security policy for your environment—making it easier to demonstrate compliance to auditors and improve critical asset data protection. In addition, this powerful monitoring solution prevents intrusion by terminating sessions that violate security policy, while providing a reliable audit trail of all database user activity.

McAfee Database Activity Monitoring is an affordable, software-only solution that can be deployed in less than one hour without the need for special hardware or additional servers. It scales cost effectively to address your growing database monitoring needs, and the memory-based sensor implementation is ideal for both virtualized and cloud environments.

McAfee Virtual Patching

Update the security posture of your databases in real time, without downtime. Testing and deploying vendor-issued patches is an ongoing, arduous process that results in a time window of system vulnerabilities that exists until IT staff can bring business-critical databases off-line and deploy patches. This vulnerability window is well understood by IT staff and hackers alike.

McAfee Virtual Patching for Databases shields databases from the risk presented by unpatched vulnerabilities by detecting and preventing attempted attacks and intrusions in real time without requiring database downtime or application testing. This virtual patching solution also helps you continue to protect databases running old DBMS versions that are no longer supported by the vendor, adding to the useful life of legacy databases and saving your organization time and money.

McAfee ePolicy Orchestrator Software

Enjoy end-to-end security visibility and management without blind spots. McAfee ePO software is the industry's most advanced security management console. It gives you end-to-end visibility into database security, enterprise security, compliance postures, and compliance reporting. This award-winning console integrates with other McAfee security and risk management products and those of McAfee Security Innovation Alliance Partners.

Keep Your Databases Safe and Available. Learn More Today.

At McAfee, we realize your databases store your most critical business assets. They must be available around the clock to power your business. And, just as your databases don't take a day off, neither do we. It's why we say, "Safe never sleeps." Rest assured, our team of database security experts is relentlessly focused on keeping your sensitive information safe and available, while helping your company ensure compliance with internal policies and industry regulations.

For more detailed information on how McAfee Database Security can help you protect your business-critical databases, visit www.mcafee.com/dbsecurity, or contact your local McAfee representative or reseller.

Follow us on Twitter: @McAfee_DBSecure.

About McAfee Endpoint Security

McAfee, a wholly owned subsidiary of Intel Corporation (NASDAQ:INTC), is the world's largest dedicated security technology company. Our next-generation endpoint security solutions provide security across all of your devices, the data that runs through them, and applications that run on them. These comprehensive and tailored solutions reduce complexity to achieve multilayer endpoint defense—without impacting productivity. It's the perfect blend of traditional smart malware scanning, dynamic whitelisting, behavioral zero-day intrusion prevention, unified management, and integrated threat intelligence. Find out more at www.mcafee.com/endpoint.

McAfee Database Activity Monitoring Advantages

- Maximizes visibility and protection from all sources of attacks
- Monitors external threats, privileged insiders, and sophisticated threats from within the database
- Minimizes risk and liability by stopping attacks before they cause damage
- Saves time and money with faster deployment and a more efficient architecture
- Gives you the flexibility to easily deploy on the IT infrastructure you choose

Five Stars from SC Magazine

SC Magazine awarded McAfee Database Activity Monitoring five stars in its November 2011 review.

McAfee Virtual Patching Advantages

- Gain protection from threats even before installing vendor-released patch updates
- Eliminate the need for IT and security teams to have DBMS-specific knowledge
- Keep production databases online, thanks to non-intrusive software design
- Protect databases seamlessly with automatic distribution of ongoing updates
- Facilitate compliance with standards such as PCI DSS, HIPAA, and others



2821 Mission College Boulevard
Santa Clara, CA 95054
888 847 8766
www.mcafee.com

McAfee and the McAfee logo, ePolicy Orchestrator, and McAfee ePO are registered trademarks or trademarks of McAfee, Inc. or its subsidiaries in the United States and other countries. Other marks and brands may be claimed as the property of others. The product plans, specifications and descriptions herein are provided for information only and subject to change without notice, and are provided without warranty of any kind, express or implied. Copyright © 2012 McAfee, Inc.
41801brf_db-security_0212_fnl_ASD