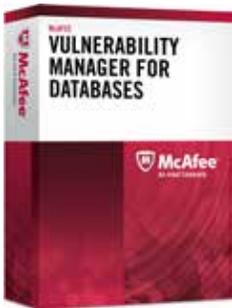# McAfee Vulnerability Manager for Databases

A comprehensive assessment of the risk to your most sensitive data

You store your most valuable and sensitive data in a database, but most vulnerability assessment products don't know enough about database systems to thoroughly test them, putting your data at risk. Practically every week there's yet another announcement of a major data breach. McAfee® Vulnerability Manager for Databases automatically discovers databases on your network; determines if the latest patches have been applied; and tests for common weaknesses, such as weak passwords, default accounts, and others, making it easier than ever to demonstrate regulatory compliance and better protect critical data.

Key Advantages
- Unparalleled visibility into database security posture.
- Scans multiple databases across the enterprise from a centralized console.
- Accelerates time to compliance and minimizes audit cycles, resulting in significant cost savings.
- Requires minimal knowledge of database systems.
- Generates customized reports in an easy-to-understand format for various user roles.

Conducting more than 4,700 vulnerability checks against leading database systems such as Oracle, Microsoft SQL Server, IBM DB2, and MySQL databases, McAfee Vulnerability Manager for Databases evaluates risk from virtually every threat vector. But, unlike other products where scan results can often overwhelm you with a myriad of minor threats hiding the critical issues that need to be addressed, McAfee Vulnerability Manager for Databases goes far beyond that. Based on input from database security experts, it clearly classifies threats into distinct priority levels and provides fix scripts as well as recommendations.

By improving visibility into database vulnerabilities—and providing expert recommendations for remediation—McAfee Vulnerability Manager for Databases reduces the likelihood of a damaging breach and saves money through better preparation for regulatory compliance audits.

The Fastest Path to Database Compliance
With a set of features designed to speed initial scans and out-of-the-box reports to address most compliance requirements, McAfee Vulnerability Manager for Databases delivers audit-ready results with minimal resources.

To get your first assessment completed quickly, McAfee Vulnerability Manager for Databases:
- Automates discovery of databases on the network.
- Locates and identifies tables containing sensitive information.
- Conducts a quick port scan providing database version and patch status.
- Presents findings in preconfigured reports for various compliance standards.

High-Speed, High-Efficiency Password Checking
Compromised passwords are responsible for a significant percentage of data breaches and hackers have become much more automated in their attacks based on simply guessing passwords. Basic security principles include avoiding weak passwords and preventing sharing of passwords across users and accounts, but how do you know it's happening?

McAfee Vulnerability Manager for Databases offers the fastest weak password detection methods available, flagging accounts with simple passwords, default passwords, and shared passwords. It can even scan hashed passwords, stored, for example, in SHA-1, MD5, or DES.

By using direct connections to databases, password checking is accomplished without significant load on the database server and does not lock out users for excessive login attempts.

Built on Proven Database Security Expertise

Database management systems are complex, introducing their own set of security risks, some of which are similar to other system software (such as patch updates, password strength, and others) and some of which are unique to databases (such as threats from SQL injection or buffer overflow exploits). McAfee Vulnerability Manager for Databases comes from the team that's credited with contributions in seven of the last 10 critical patch updates (CPUs) that Oracle released. It leverages the expertise of leading database security practitioners to:

- Identify susceptibility to database-specific risks, including SQL injection, buffer overflow, and malicious or insecure PL/SQL code.
- Prioritize findings and highlight the "real" issues needing immediate attention.
- Provide actionable intelligence on how to address risks, including fix scripts whenever possible.
- Allow security and compliance users with limited database knowledge to quickly understand risks to sensitive data and how to remediate them.

Integration with the McAfee ePolicy Orchestrator Platform for Maximum Visibility

McAfee Vulnerability Manager for Databases is fully integrated with the McAfee® ePolicy Orchestrator® dashboard, providing centralized reporting and summary information for all your databases from a consolidated dashboard. It delivers detailed information and scan configuration as well as direct links to invoke the vulnerability scanning management console with granular control over every operation.

Next Steps

For more information, visit www.mcafee.com/dbsecurity or contact your local McAfee representative or reseller near you.

About McAfee Endpoint Security

McAfee Endpoint Security provides security across all of your devices, the data that runs through them, and applications that run on them. Our comprehensive and tailored solutions reduce complexity to achieve multilayer endpoint defense that won't impact productivity. To learn more visit www.mcafee.com/endpoint.