SOLUTION BRIEF

SPINNAKER SUPPORT

Spinnaker Support Database Defender, Powered by McAfee

Virtual Patching for Oracle, SAP, IBM and Microsoft Databases

OVERVIEW OF THE PRODUCT

Database Defender, powered by McAfee, is Spinnaker Support's virtual database patching solution. As a key component of Spinnaker Support's Seven-Point Security Solution, Database Defender detects and prevents attempted attacks and intrusions in **real time**, shielding databases from the risks presented by unpatched vulnerabilities. With Database Defender, organizations can respond far more quickly to overt or suspected attacks and maintain their compliance with laws, statutes, and governance policies.

THE CHALLENGE

A successful database breach can cause great damage to your organization's health and reputation. Proper controls – such as applying the Principle of Least Privilege and avoiding default configurations – must be in place to protect your sensitive data, and experts recommend a full-stack approach to security over a reliance on a single solution like software patching.

Publisher software security patches, i.e., like those from Oracle and SAP, are an important but imperfect means to address critical vulnerabilities and exposures (CVEs). In terms of timeliness and quality, a recent, large-scale empirical study from the University of California, Berkeley found that a third of all security issues were announced more than three years prior to remediation, where nearly 5% of security fixes negatively impacted the associated software, and 7% failed to completely remedy the security hole they targeted.

Software patches also require valuable time to test and install, are problematic for customizations, and may not be available for older product versions. Many organizations do not patch regularly or at all due to operational constraints. All of which is why organizations are turning to virtual patching: a faster, simpler, and non-intrusive solution.

THE SOLUTION

Spinnaker Support's Database Defender, powered by McAfee, provides virtual patching and database defense to help detect and prevent exploitation attempts in **real time**. This includes protection from known vulnerabilities like public CVEs, behavioral vulnerabilities like evasion attempts and privilege escalations, and suspicious activities like the usage of default accounts or scanning and hacking tools.

Relatively simple to install and easy to configure, Database Defender eliminates the need for software patches and continuously shields databases from the risks presented by unpatched vulnerabilities. The solution automatically distributes ongoing updates that seamlessly protect databases and enable internal IT staff to refocus more of their time on other value-added tasks.

In this way, virtual patching keeps database protection up to date, helping organizations follow governance policies and meet the requirements of compliance standards such as HIPAA, PCI-DSS and Sarbanes-Oxley. S2 Database Defender covers a wide array of database types and versions, even protecting Database Management Systems (DBMS) that are no longer vendor supported or no longer receive security patches.

With the Database Defender, organizations can be confident in the quality of their threat protection, even when they have not yet installed a vendor-released patch. The flexible reporting and web-based user interface provide your IT and security teams with the security alerts and overviews they need, and the installation and maintenance require no downtime for your users and services.

TOP BENEFITS

- **Provides immediate protection** for hundreds of vulnerabilities and threats, even prior to public announcement.
- **Installs in non-intrusive process** that means no disruption to production databases.
- **Facilitates compliance** with standards such as PCI DSS, HIPAA, and others.
- **Continues to protect older databases** that are no longer supported by the vendor.
- **Helps to maintain compliance** with laws, statutes, and governance policies like HIPAA.

TOP FEATURES

- **The intuitive Web-based dashboard** offers a complete, security-centric interface and experience.
- **A simple, scalable deployment architecture** comprised of efficient, lightweight sensors and a central security management server.
- **Accelerated flow of automatic updates** that keeps databases protected, despite the changing nature of attack vectors.
- **Easy installation process** that deploys with no testing required, no system downtime, and no changes needed to platform, database, application or network.
- **Product support provided by Spinnaker Support**, whose team of security experts is available 24/7/365.

TECHNICAL REQUIREMENTS

Supported Databases

Database Defender provides comprehensive coverage and more effective protection for a wide array of databases, including Oracle Database, Microsoft SQL Server, IBM Db2, SAP ASE, SAP IQ, SAP SQL Anywhere and SAP Advantage Server (collectively the former SAP Sybase family of database products), and SAP HANA Databases. It runs on Windows, Linux and Unix environments.

Installation

This product includes two components; a database security server and a lightweight, nonintrusive sensor on each active database server to detect and prevent attempted exploits of vulnerabilities. Installation is nonintrusive, as the sensor is read-only, installs as a user process, and makes no changes to the database management system software. Only minimal testing of applications is necessary, and no specific DBMS knowledge is required by customer organizations.

SYSTEM REQUIREMENTS

Standalone Management Server Operating System

- 2 GB RAM
- 1 GB free disk space
- Microsoft Windows 2008 or Microsoft Windows 2008 R2 or Microsoft Windows 2012, Microsoft Windows 2012 R2 or Microsoft Windows 2016 or Red Hat Linux 4.0 and later, or SUSE Linux 10.0 and later, or CentOS 4 and later

Backend Database

- 2 GB RAM
- 1 GB free disk space
- Microsoft SQL Server 2008 up to 2014, or Oracle 11g and later

Browser (for management access)

- Firefox 2.0 and later
- Microsoft Internet Explorer 7.0 and later
- Chrome

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.

For more information on product details and pricing, contact Spinnaker Support today.

ABOUT US

Spinnaker Support is a leading and trusted global provider of Oracle and SAP third-party support. Spinnaker Support customers get more comprehensive and responsive service, save an average of 62% on their annual maintenance fees, and can remain on their current software releases indefinitely. Spinnaker Support's Seven-Point Security Solution deploys multiple processes and products to provide the most responsive, on-demand, and multilayered protection possible. That's why 98% of customers who cited security as an issue report improved or unchanged security levels after switching to Spinnaker Support.

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