McAfee Virtual Patching for Databases

Easy-to-apply virtual patches protect sensitive databases from potential breaches.

Organizations store their most valuable and sensitive data in their enterprise database. Still, a large number of organizations do not engage in the timely installation of vendor patches after those patches have been released by database management system (DBMS) providers—and this places that sensitive data at risk. McAfee® Virtual Patching for Databases—part of the Intel® Security product offering—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.

Key Advantages

- Protection from threats even before installing vendor-released patch updates.
- No specific DBMS knowledge required by customer organization.
- Non-intrusive software design means no disruption to production databases.
- Automatic distribution of ongoing updates protects databases seamlessly.
- Facilitates compliance with standards such as PCI DSS, HIPAA, and others.

With McAfee Virtual Patching for Databases, organizations know that they have protection from threats even though they have not yet installed a vendor-released patch to deal with a known vulnerability. They also know that they can have this patch protection without having to take down their databases during installation.

McAfee Virtual Patching for Databases protects sensitive data during a period of serious potential vulnerability: the time window between the issuance of vendor patch updates and their actual installation.

A Highly Flexible and Effective Patching Solution for Protecting Sensitive Databases

With McAfee Virtual Patching for Databases, organizations can be confident that they have protection from threats even though they have not yet installed a vendor-released patch to deal with a known vulnerability and that they can have this patch protection without having to take down their databases during installation.

McAfee Virtual Patching for Databases helps organizations:

- Patch and protect sensitive production databases without having to take them offline.
- Provide immediate protection for hundreds of vulnerabilities.
- Continue to protect databases based on older DBMS versions that are no longer supported by the vendor.

Secure Sensitive Data Before Vendor Patches Can Be Installed

Exposure to dangerous hacker exploits is heightened during the time between the issuance of a vendor patch update and the time it is installed. Virtual patch protection can be used to protect databases during this period of potential exposure and helps organizations meet the requirements of compliance standards such as PCI-DSS and Sarbanes-Oxley, as well as governance policies, by keeping systems up

to date. Beyond that, the installation of virtual patches can be performed in the most hassle-free way possible.

An Easy-To-Use and Simple-To-Deploy Patch Solution

In addition to not requiring customization or specific database management system knowledge, McAfee Virtual Patching for Databases is further enhanced by its scalability and continuing flow of automatic updates that keep system security status current and enable internal IT staff to focus on production needs.

Broad Blanket of Coverage for Multiple Database Versions

Covering an extremely wide array of database versions means that the virtual patching solution provides the only way to protect DBMS versions no longer supported by the vendor, adding to the useful life of DBMS versions and saving organizations time and money.

Integration with the McAfee ePolicy Orchestrator Platform for Maximum Visibility

McAfee Vulnerability Manager for Databases is fully integrated with McAfee® ePolicy Orchestrator® (McAfee ePO™) software, providing centralized reporting and summary information for all your databases from a consolidated dashboard. McAfee ePO software connects with additional McAfee security solutions outside of database protection to provide a single-pane-of-glass view for ease of management and complete visibility.

McAfee Database Security Solutions

McAfee offers a number of other database security solutions to help gain complete visibility into your overall database landscape and security posture. To learn more, 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**.