Managing the multitude of alerts, reports, and events and sometimes finding the proverbial needle in a haystack is challenging. Monitoring the activity on busy enterprise databases can easily create millions of events in a short period of time, and not all require action and not need to be looked at. Cybersecurity professionals should not have to spend most of their time wading through events and alerts to identify those that require action. Instead, they should be able to focus on critical security and data protection tasks. McAfee® Database Security Insights eliminates the need to wade through millions of alerts and allows cybersecurity or data protection professionals to visualize all events and alerts, assign appropriate workflow users to take action, and have access to meaningful database risk gradings and highly configurable widgets that allow for customization.

Key Advantages

- Visualization of large amounts of database security events
- Elastic-based backend
- Google-like search abilities
- Customizable widgets
- Workflow management
Database Monitoring Challenges
Large amounts of similar or exactly the same type of events make it very difficult to accurately assess the importance and risk of specific events captured. Finding the unknown within a huge number of events is difficult and often flawed. Cybersecurity and data protection specialists invest more time in finding meaningful events that require action than on the actual investigation and remediation itself. Creating a meaningful risk rating for individual enterprise databases is a very manual and labor-intensive process that requires several different resources to come together and create a common matrix.

New Insights into Database Protection
To tackle this, organizations must invest either in more staff or find ways to streamline and visualize the incoming database protection data.

McAfee Database Security Insights allows cybersecurity and data protection professionals to visualize large amounts of database events, group results into categories, and assign these to workflow users—all based on a very fast, elastic-based backend display of alert data.

Visualizing Large Amounts of Data
Insights helps organizations visualizing the vast number of database security events.

Drilling down into individual databases allows for a detailed overview of the individual risk level, a scoring system for potential vulnerabilities found, and access distribution. In addition, it provides visibility into whether there is sensitive data (PII, PCI-DSS, and more) stored.

Figure 1. McAfee Database Security Insights visualized application mapping.
Insights improves the way database risk is calculated and reported by collecting all relevant information from McAfee Database Security, correlating these, and offering cybersecurity and data protection professionals a single view of the enterprise database estate.

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Figure 2. McAfee Database Security Insights—visualizing database vulnerability assessment results.
Figure 3. McAfee Database Security Insights—Database Risk overview allowing for easy identifiable risk ratings at a database level.

Figure 4. McAfee Database Security Insights—Database Risk Details give meaningful insights and detail into risk levels.
McAfee Database Activity Monitoring

McAfee® Database Activity Monitoring cost effectively helps protect data from all threats by monitoring activity locally on each database server and by alerting or terminating malicious behavior in real time, even when running in virtualized or cloud computing environments.

McAfee Virtual Patching for Databases

McAfee® Virtual Patching for Databases detects missing patches, applies vulnerability-specific countermeasures, and fixes misconfigurations (via McAfee virtual patching technology) found by vulnerability scans to improve the security posture of databases immediately—without any downtime.

McAfee Vulnerability Management for Databases

McAfee® Vulnerability Manager for Databases automatically discovers databases on the network, determines if the latest patches have been applied, and tests for vulnerabilities, such as weak passwords, default accounts, and other common threats. In addition, it allows for detailed data discovery scans, including PII data, PCI-DSS data, and many more.

Next Steps


Or have one of our experts contact you at: https://prod2.secureforms.mcafee.com/web-US_ContactMe.

Did you know?

McAfee Database Security Insights is part of your existing McAfee Database Security license. No additional license is required.