

DbProtect Rights Management

RIGHTS MANAGEMENT

The Rights Management module provides a detailed view of an organization's data ownership, access controls, and rights to sensitive information. It allows organizations to establish and document compliance with the segregation of duties controls required by industry and government regulations, and reduces a formerly insurmountable task.

Over time user rights can escalate and violate the principle of least privilege. Promotions, transfers, mergers and acquisition, and inheritances can result in users accumulating far more privileges than they need to do their jobs. This can lead to inappropriate access to sensitive data that can lead to fraudulent changes or a data breach.

To manage these access control challenges, audit firms recommend implementing the Principle of Least Privilege, which suggests that employees be entitled only to as much database access as is required to perform their job. The

5 Key Steps to Ensuring Database Security

In order to effectively secure their databases, organizations must address five critical requirements:

- 1. Isolate Sensitive Databases:** Maintain an accurate inventory of all databases deployed across the enterprise and identify all sensitive data residing on those databases.
- 2. Eliminate Vulnerabilities:** Continually assess, identify and remediate vulnerabilities that expose the database.
- 3. Enforce Least Privileges:** Identify user entitlements and enforce user access controls and privileges to limit access to only the minimum data required for employees to do their jobs.
- 4. Monitor for Deviations:** Implement appropriate policies and monitor any vulnerabilities that cannot be remediated for any and all activity that deviates from authorized activity.
- 5. Respond to Suspicious Behavior:** Alert and respond to any abnormal or suspicious behavior in real-time to minimize risk of attack.



DbProtect's Complete Enterprise Solution

COLLECT

DbProtect collects data detailing an organization's database ecosystem through an automated discovery process.

ANALYZE

DbProtect analyzes the data to highlight areas where risks and vulnerabilities reside and where database security process improvements are needed.

REMEDiate

Based on this analysis, DbProtect provides tools and detailed remediation instructions to eliminate database vulnerabilities.

ENFORCE

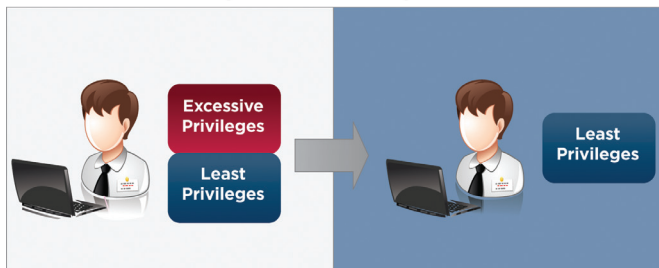
DbProtect enforces database security processes by monitoring and responding to deviations from authorized behavior.

concept of least privilege makes perfect sense, but in reality, this implementation is much more difficult than it appears. Database utilities lack appropriate reporting tools to manage least privilege implementations. As a result, entitlement reviews are typically complex and time-consuming.

Streamlining this process through the use of an automated solution allows organizations to discover, manage, and eliminate excess permissions in a manner that is consistent with effective database security process control and compliance requirements.

Managing user privileges and monitoring for segregation of duties violations are considered so important that they are defined in almost all regulatory mandates, including: Sarbanes-Oxley (SOX), PCI-DSS, NIST-800, DISA STIG, HIPAA and others.

Rights Management



DbProtect's Rights Management software module helps organization's regain control of their user privileges and implement an effective program to adhere to the Principle of Least Privileges. Rights Management provides a detailed view of an organizations data ownership, access controls and rights to sensitive data. It automates a formerly insurmountable task of unraveling an organization's entitlements.

With Rights Management, organizations can more effectively:

- Identify users with inappropriate and undesired access to sensitive data
- Identify valid privileged users requiring ongoing monitoring
- Provide an accurate audit trail of how a user's rights were assigned

In this way, organizations can meet regulatory mandates to restrict user access, secure their databases against inappropriate access, and save time and money associated with the database entitlements mining process.

ABOUT APPLICATION SECURITY, INC. (APPSECINC)

AppSecInc is a pioneer and leading provider of database security and compliance solutions for the enterprise. By providing strategic and scalable software-only solutions – AppDetectivePro for auditors and IT advisors, and DbProtect for the enterprise – AppSecInc supports the database lifecycle for some of the most complex and demanding environments in the world across more than 1,300 active commercial and government customers.

Leveraging the world's most comprehensive database security knowledgebase from the company's renowned team of threat researchers, TeamSHATTER, AppSecInc products help customers achieve unprecedented levels of data security while reducing overall risk and helping to ensure continuous regulatory and industry compliance.

For more information, please visit: www.appsecinc.com | www.teamshatter.com

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