

# ORACLE DATABASE VAULT

## CERTIFICATION WITH

## ORACLE E-BUSINESS SUITE

### KEY FEATURES AND BENEFITS

- Prevent privileged database users from accessing Oracle E-Business Suite data transparently, without application changes
- Enable Separation of duty within the Oracle E-Business Suite database environment for security and compliance
- Extend and customize Oracle Database Vault protection for Oracle E-Business Suite to satisfy your unique security requirements
- Available for Oracle E-Business Suite 11.5.10, 12.0, and 12.1 on Oracle Database releases 10.2.0.4 and 11.1.0.7

*Outsourcing, application consolidation, and increasing concerns over insider threats have resulted in an almost mandatory requirement for strong controls on access to sensitive application data. In addition, regulations such as Sarbanes-Oxley (SOX), Payment Card Industry (PCI), and the Health Insurance Portability and Accountability Act (HIPAA) require strong internal controls to protect sensitive information such as financial, healthcare, and credit cards records. Oracle Database Vault enforces real-time preventive controls and separation-of-duty in the Oracle Database to secure the Oracle E-Business Suite application data.*

### Oracle Database Vault Protection for Oracle E-Business Suite

Oracle Database Vault enables Oracle E-Business Suite customers to prevent access to application data by privileged database users, enforces separation-of-duty, and provides stronger access control with multi-factor authorization. Oracle Database Vault enforces security controls even when a database user bypasses the application and connects directly to the database. Oracle Database Vault certification with Oracle E-Business Suite applications benefits customers by:

- Preventing privileged user access to application data using protection realms for the entire Oracle E-Business Suite
- Enforcing separation of duty in the Oracle Database while allowing Oracle E-Business Suite administrators to perform their duties
- Implementing all Oracle Database Vault protections transparently, without any change to the Oracle E-Business Suite application code

### Preventing Privileged User Access

Database administrators hold highly trusted positions within the enterprise. With Oracle Database Vault realms, enterprises increase security by preventing access to application data even if the request is coming from privileged users. This is especially important when a privileged account is compromised or accessed outside normal business hours or from an un-trusted IP address. The regular tools used by administrators to help manage and tune the Oracle database continue to work as before, but they can no longer be used to access Oracle E-Business Suite application data.

### Enforcing Separation-of-Duty

Oracle Database Vault helps administrators manage operations more securely by

**RELATED PRODUCTS**

- Oracle Advanced Security
- Oracle Audit Vault
- Oracle Label Security
- Oracle Secure Backup
- Oracle Data Masking

providing fine-grained controls on database operations such as creating accounts, granting powerful roles, and changing tables' structures. Oracle Database Vault default separation of duty can be divided into three categories.

Oracle Database Role	Separation of Duty Description
Database account management	Manage Oracle database accounts. Oracle Database Vault blocks account creation by existing privileged users.
Database administration	Traditional database administration tasks such as managing tablespaces. Oracle Database Vault blocks ad-hoc grants of the DBA role.
Oracle Database Vault security administration	Manage Oracle Database Vault security settings for Oracle E-Business Suite related to Realms and Command Rules.

**Figure 1. Oracle Database Vault Separation of Duty with Oracle E-Business Suite**

**Protection Realms For Oracle E-Business Suite**

This certification provides customers with pre-configured protection realms designed specifically for Oracle E-Business Suite applications. These protections prevent privileged user access to sensitive Oracle E-Business Suite application data and protect the integrity of the application. The scripts for these protections can be downloaded from the [My Oracle Support](#) site.

**Extending the Oracle-Supplied Security Policies**

Customers can extend the Oracle-supplied Oracle Database Vault security policies by adding additional command rules and realms to accommodate their specific security requirements. For example, to protect a custom application created by the customer and integrated with Oracle E-Business Suite applications, an additional Oracle Database Vault realm can be created.

**Supported Oracle E-Business Suite Releases**

Oracle E-Business Suite Version	Oracle Database Vault Version
Oracle E-Business Suite 11.5.10, 12.0 and 12.1	Oracle Database Vault with Oracle Database 10.2.0.4 and 11.1.0.7



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