

# ORACLE DATABASE VAULT

## CERTIFICATION WITH ORACLE PEOPLESOFT

### KEY FEATURES AND BENEFITS

- Prevent privileged database users from accessing Oracle PeopleSoft data transparently, without application changes
- Enable Separation of duty within the Oracle PeopleSoft Oracle database environment for security and compliance
- Extend and customize Oracle Database Vault protection for Oracle PeopleSoft to satisfy your unique security requirements
- Available for all Oracle PeopleSoft application modules and all Oracle PeopleSoft application versions running on PeopleTools 8.46 and higher or PeopleTools 8.22

*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 PeopleSoft application data.*

### Oracle Database Vault Protection for Oracle PeopleSoft

Oracle Database Vault enables Oracle PeopleSoft 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 PeopleSoft applications benefits customers by:

- Preventing privileged user access to application data using protection realms for the entire Oracle PeopleSoft applications
- Enforcing separation of duty in the Oracle Database while allowing Oracle PeopleSoft administrators to perform their duties
- Implementing all Oracle Database Vault protections transparently, without any change to the Oracle PeopleSoft 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 PeopleSoft 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 PeopleSoft related to Realms and Command Rules.

Figure 1. Oracle Database Vault Separation of Duty with Oracle PeopleSoft

**Protection Realms For Oracle PeopleSoft**

This certification provides customers with pre-configured protection realms designed specifically for Oracle PeopleSoft applications. These protections prevent privileged user access to sensitive Oracle PeopleSoft application data and protect the integrity of the application. The scripts for these protections can be downloaded from the [Oracle Technology Network](#) 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 PeopleSoft applications, an additional Oracle Database Vault realm can be created.

**Supported Oracle PeopleSoft Releases**

Oracle PeopleSoft Version	Oracle Database Vault Version
Oracle PeopleSoft PeopleTools 8.22	Oracle Database Vault with Oracle Database 10.2.0.4 , 11.1.0.7, 11.2.0.1, or 9.2.0.8
Oracle PeopleSoft PeopleTools 8.46 and higher	Oracle Database Vault with Oracle Database 10.2.0.4 , 11.1.0.7, 11.2.0.1, or 9.2.0.8



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