

Implementing Oracle Audit Vault

Duration: 2 Days

What you will learn

In this course, students learn how to use Oracle Audit Vault. Oracle Audit Vault is a powerful enterprise-wide audit solution to efficiently consolidate, detect, monitor, alert and report on audit data for security auditing and compliance. Oracle Audit Vault provides the ability to consolidate audit data and critical events from various systems such as databases, application servers, applications, and operating systems into a centralized and secure audit warehouse. In this course, students install Audit Vault and configure audit data sources. They learn how to manage audit settings and audit vault alerts. In addition, they learn how to use the Audit Vault Dashboard and reporting functionality. The version of Oracle Database that Oracle Audit Vault uses is 10g Release 2.

Learn To:

Consolidate audit data and critical events from various database systems

Use Audit Vault policy manager to view and provision Oracle Database audit policies centrally

Define alerts to provide real-time notification of out-policy activity

Use Audit Vault reports to meet security compliance regulations

A Live Virtual Class (LVC) is exclusively for registered students; unregistered individuals may not view an LVC at any time. Registered students must view the class from the country listed in the registration form. Unauthorized recording, copying, or transmission of LVC content may not be made.

Audience

Database Administrators

Sales Consultants

Security Administrators

Support Engineer

Technical Consultant

Related Training

Required Prerequisites

Oracle Database 10g: Administration Workshop I Release 2

Oracle Database 10g: Administration Workshop II Release 2

Suggested Prerequisites

Oracle Database 10g: Implementing Database Vault

Course Objectives

Install Audit Vault Server and Audit Vault Collection Agent

Configure Audit Vault collectors

Configure and manage audit settings

Configure and manage Audit Vault alerts

Review and schedule Audit Vault reports

Create customized reports

Manage the Audit Vault Data Warehouse

Course Topics

Introduction to Oracle Audit Vault

Responding to Compliance Regulations

Problems with In-House Auditing Implementations

Oracle Audit Vault Features

Oracle Audit Vault Architecture and Components

Overview of Oracle Audit Vault Users

Overview of Oracle Database Vault

Overview of the Audit Vault Data Warehouse

Overview of Oracle Audit Vault Interfaces

Installing the Oracle Audit Vault Server

Oracle Audit Vault Components

Types of Oracle Audit Vault Installations

Oracle Audit Vault Server Hardware Requirements

Understanding Oracle Audit Vault Storage Requirements

Included Oracle Options

Installing the Oracle Audit Vault Server

Performing an Advanced Installation of the Oracle Audit Vault Server

Performing the Oracle Audit Vault Server 10.2.3.2 Patch Upgrade

Installing the Oracle Audit Vault Collection Agent

Installing the Oracle Audit Vault Collection Agent

Performing the Audit Vault Collection Agent Patch Upgrade

Performing Post-Installation Tasks

Configuring Oracle Audit Vault

Registering Sources and Deploying Collectors

Overview of Oracle Database Collectors

Configuring the Oracle Source Database for Collectors

Using the DBAUD Collector

Using the OSAUD Collector

Using the REDO Collector

Basic Steps to Register an Oracle Source Database and Deploy Collectors

Creating the Source User in the Source Database

Managing Audit Settings

Using Audit Vault to Collect Audit Data

Introduction to Oracle Database Auditing

- Guidelines for Auditing
- Database Auditing (graphic)
- Enabling Auditing on the Source Database
- Performing Database Auditing
- Fine-Grained Auditing
- Auditing SYSDBA and SYSOPER Operations

Configuring for Alerts and Reports

- Setting the Time Zone for Reports and Alerts
- Configuring Email Notifications
- Configuring Trouble Ticket Notifications
- Setting Up Notifications
- Creating an Email Notification Profile
- Creating an Email Notification Template
- Creating a Trouble Ticket Template

Using Oracle Audit Vault Reports

- Find the Most-Accessed Objects and Failed Logins
- Reporting Activities
- Specifying Audit Event Categories
- Viewing Specific Activity Reports
- Filtering Report Data
- Viewing and Filtering Compliance Reports
- Scheduling the Creation of a Report
- Viewing Comparison Snapshot Data in an Entitlement Report

Configuring Alerts

- Alert Processing
- Creating and Responding to Alerts (general process for auditors)
- Enabling and Disabling Alert Processing
- Creating Alert Status Values
- Viewing Alert Information on the Dashboard
- Viewing Alerts
- Responding to an Alert

Securing Oracle Audit Vault

- Oracle Audit Vault Security Components
- Integration with Oracle Database Vault
- Managing Users and Roles in the Audit Vault Server
- Unlocking and Resetting User Passwords
- Enabling SYSDBA Privilege Connections
- Understanding Audit Vault Usage
- Managing User Authentication Metadata
- Securing the HTTP-Based Communication Channel

Managing Your Oracle Audit Vault Configuration

- Monitoring the SYSAUX Tablespace
- Monitoring the Archived Redo Log Destination
- Viewing Flash Recovery Area Usage Information
- Managing Oracle Audit Vault Backup and Recovery Operations
- Viewing the Status of Audit Vault Components
- Managing Audit Vault Server Log and Error Files

Managing Audit Vault Collection Agent Log and Error Files
Troubleshooting Collection Agent Problems

Managing the Oracle Audit Vault Data Warehouse

Audit Vault Data Warehouse Overview

Audit Vault Data Warehouse Schema

Understanding Dimensions

Audit Vault Data Warehouse Dimensions

Scheduling Data Warehouse Operations

Controlling the Data Warehouse Retention Time

Loading Additional Data Into the Data Warehouse

Purging the Data Warehouse