

Oracle Audit Vault and Database Firewall: Install & Configure

Note: No hands-on lab environment for the Training On Demand course format

In the Oracle Audit Vault and Database Firewall: Install & Configure course, students will learn how to deploy Oracle Audit Vault and Database Firewall.

Part of Oracle's "defense-in-depth" security strategy, Oracle Audit Vault and Database Firewall provides powerful heterogeneous detective controls that help organizations address regulatory compliance requirements, detect threats originating from inside and outside the organization, and defend against common attack vectors including SQL injection.

Learn To

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In the Oracle Audit Vault and Database Firewall: Install & Configure course, students will learn how to deploy Oracle Audit Vault and Database Firewall.

Learn To:

- Install, configure, and manage the Audit Vault Server.
- Deploy the Audit Vault Agent.
- Describe Database Firewall Networking.
- Install, deploy, and manage a Database Firewall.
- Install and enable Host Monitoring.

Benefits To You

Oracle Audit Vault and Database Firewall provides comprehensive and flexible monitoring through the consolidation of audit data from Oracle and non-Oracle databases, operating systems, directory, and file systems. Dozens of built-in reports combined with powerful alerting assists auditors and information security personnel. Database Firewall can also be deployed as a first line of defense on the network, enforcing expected application behavior, helping prevent SQL injection, application bypass, and other malicious activity from reaching the database.

In this course, students will benefit by learning how to configure Audit Vault Server and deploy Audit Vault Agents to collect audit data, so the data can be viewed in built-in, customizable activity and compliance reports. Students will also learn how to deploy a Database Firewall that can monitor activity and block SQL statements on the network based on a firewall policy.

Prerequisites

Audience

Administrator, Systems Administrator

Course Objectives

- Install and configure a Database Firewall
- Install and enable host monitoring
- Configure high availability mode (resilient pairs)
- Create custom collection plug-ins
- Explain the Oracle AVDF architecture and process flow
- Deploy an Audit Vault Agent

- Install and configure an Audit Vault Server
- Describe the AVDF auditing features

Course Topics

- Introduction to Oracle Audit Vault and Database Firewall
- Planning the Oracle Audit Vault and Database Firewall Implementation
- Installing the Audit Vault Server
- Configuring the Audit Vault Server
- Configuring Oracle AVDF and Deploying the Audit Vault Agent
- Networking and Oracle AVDF
- Installing a Database Firewall
- Configuring Oracle AVDF and Deploying Database Firewall
- Using Host Monitoring
- Configuring High Availability
- Creating Custom Collection Plug-ins
- Managing the Audit Vault Server
- Managing the Database Firewalls
- Overview of the Auditing and Reporting Features