

Introduction to Oracle Database Security Ed 1

Duration: 1 Day

What you will learn

This Introduction to Oracle Database Security Ed 1 training teaches you how to use Oracle Database features to help meet the security, privacy and compliance requirements of your organization. Develop a deep understanding of the security risks and Oracle solutions provided to help address those risks.

Learn To:

- Describe and determine database security requirements.
- Choose Oracle security solutions to meet security requirements.
- Implement basic database security.
- Configure network security.
- Discover basic security configuration issues.

Benefits to You

By participating in hands-on practices and available demonstrations, you'll know how to use features of Oracle Database 12c to secure the databases in your own organization. You'll begin by implementing basic database and network security and build on this knowledge throughout the course.

Audience

Auditor
Database Administrators
Network Administrator
Security Administrators
Support Engineer
System Analysts

Related Training

Required Prerequisites

Good knowledge of Oracle Database

Suggested Prerequisites

Create and manage users, roles, and privileges

Course Objectives

Describe and determine database security requirements

Understand Oracle security solutions to help meet security requirements

Implement basic database security

Configure network security

Discover basic security configuration issues

Course Topics

Introduction

Course Objectives

Course Schedule

Detective Security Controls

Preventive Security Controls

Your Learning Aids

Basic Workshop Architecture

Understanding Security Requirements

Fundamental Data Security Requirements

Security Risks

Techniques to Enforce Security

Choosing Security Solutions

Database Access Control: Authentication

Protecting Against Database Bypass with Encryption

Protecting Sensitive Data

Protecting against Application Bypass

Detecting Threats

Compliance

Implementing Basic Database Security

Database Security Checklist

Reducing Administrative Effort

Principle of Least Privilege

Objects Protection

Configuring Network Security

Network Access Control

Listener Security

Listener Usage Control

Manage fine-grained access to external network services

Discovering Basic Configuration Issues

Accessing Enterprise Manager Security Reports

Using Various Security Reports