Oracle Key Manager (OKM) 2.3 Administration

Duration: 3 Days

What you will learn

This 3-day course gives you an overview of the Oracle Key Manager, Encryption and Key concepts. Learn more about administration, installation and configuration of OKM.

Learn To:

Understand Encryption and Key management for the OKM appliance.
Perform Operations and basic troubleshooting tasks for the Oracle Key Management.
Install and configure OKM 2.3.
Understand OKM Operations, management, supported drive(s), troubleshoooting and disaster recovery.

Hands-On Labs

Through hands-on lab exercises, you will install and configure an OKM. You'll be able to practice key management, operations and troubleshooting of the OKM as well.

Audience

Security Administrators
Support Engineer
Technical Administrator
Technical Consultant

Related Training

Suggested Prerequisites
Solaris Administration and Tape Drive knowledge

Course Objectives

Describe the Oracle Key Manager applicance

Expand and refine concepts for various keys used in the OKM

Define Encryption

Describe and perform an OKM installation and configuration

Describe the OKM upgrade process

Describe and perform various OKM Operations tasks

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Describe Oracle Key Manager (OKM) 2.3 key management

Perform some OKM key management tasks

Describe the various drives supported by OKM and the tasks required to integrate them with OKM

Describe basic OKM troubleshooting concepts and perform some OKM troubleshooting tasks

Understand OKM 2.3 disaster recovery

Course Topics

Oracle Key Manager (OKM) Overview
Describe the Corporate Information Security Problem
Define Encryption
Describe the Oracle Key Manager Encryption Solution

Keys Used in the Oracle Key Management System
Describe Components of the Oracle Key Management System
Expand and Refine Concepts for Various Keys Used in the Oracle Key Management System

Oracle Key Manager GUI
Describe the Oracle Key Manager GUI
Describe OKM Roles

Oracle Key Manager Installation and Configuration
Describe Oracle Key Manager System Installation and Configuration
Describe the Initial KMA Configuration

Oracle Key Manager Operations
Describe How to Add KMA to a Cluster
Describe the Oracle Key Manager 2.3 Upgrade Process
Describe the KMS 2.x Upgrade Process
Describe KMS 1.X to OKM Migration
Describe How to Restore a System From A Backup
Describe Additional Information About the Oracle Key Manager Operations
Describe Key Transfer Partners

Oracle Key Manager Key Management and Integration Considerations
Describe Oracle Key Manager (OKM) Key Management
Describe Oracle Key Manager 2.3 Integration Considerations

Oracle Key Manager LT04 Encryption Drives
Describe the LT04 Drive
Describe the Oracle Key Manager Operations for LT04

Oracle Key Manager LT05 Encryption Drives
Describe the LT05 Drive
Describe the Differences Between LT04 and LT05

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Oracle Key Manager T10000 FICON Drive Implementation
Describe T10000 FICON Drive IMplementation Considerations

Oracle Key Manager Troubleshooting
Describe Drive LEDs
Define VOP Status Indicators
Understand the Oracle Key Manager Event List
Create the Technical Support Account
Perform a System Dump
Understand Troubleshooting
Describe FRU Replacement (Optional Content)
Understand KMA Replacement (Optional Content)

Oracle Key Manager Disaster Recovery
Describe Disaster Recovery
Understand Component Recovery
Describe Data Recovery

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