

Oracle Enterprise Manager Ops Center 12c Administration Ed 3

Duration: 5 Days

What you will learn

No hands-on lab environment for TOD

This Oracle Enterprise Manager Ops Center 12c Administration Ed 3 training provides the information you need to implement this system management software in your data center. Discussions and hands-on practices provide practical advice and experience focused on successfully using Oracle Enterprise Manager Ops Center 12c Release 3 to manage complex system environments.

Learn To:

Deploy Oracle Enterprise Manager Ops Center 12c Release 3 in a data center.

Manage and monitor assets using Ops Center.

Provision firmware and operating systems.

Implement server deployment scenarios using Ops Center.

Effectively manage incidents and notifications using Ops Center.

Deploy Oracle Solaris Zones using Ops Center.

Benefits to You

This course provides the practical experience you need to successfully deploy and administer Oracle Enterprise Manager Ops Center 12cR3 in your data center. You'll walk away with a deeper understanding of its underlying technologies and best practices. By participating in hands-on labs, you'll practice installing and employing Oracle Enterprise Manager Ops Center 12cR3 in a variety of use cases, including asset discovery, server deployment, operating system updates and system and hardware management.

Explore a Comprehensive Management Solution

Oracle Enterprise Manager Ops Center 12cR3 offers a comprehensive management solution for physical and virtual system resources. This enterprise-class solution simplifies asset discovery, deployment, monitoring and management. You will experience server provisioning capabilities, from service processors to operating systems, to firmware. It performs comprehensive update and patch management, manages virtual environments such as Oracle Solaris Zones, Oracle VM Servers for SPARC and x86, and supports hardware management from power up to production. It also enables management of thousands of systems simultaneously.

Audience

Administrator

Support Engineer

System Administrator
Technical Administrator
Technical Consultant

Related Training

Required Prerequisites

General system administration skills related to system deployment, monitoring and software maintenance are required

Suggested Prerequisites

General Network administration skills

General Oracle Solaris administration skills

Oracle Solaris 11 System Administration Ed 5

Oracle Solaris 11 System Administration Ed 6

Transition to Oracle Solaris 11 Ed 4

Transition to Oracle Solaris 11 Ed 5

Course Objectives

Understand Oracle Enterprise Manager Ops Center 12c Architecture

Manage Incidents and Notifications using Ops Center

Install and Configure Ops Center

Perform Ops Center Administration Actions

Manage Ops Center Software Libraries

Understand Deployment Plans

Discover and Manage Assets using Ops Center

Provision Operating Systems and Firmware

Manage Software Update Processes for Operating Systems

Manage Ops Center Storage Libraries

Course Topics

Ops Center Architecture

About Enterprise Manager Ops Center

- Basic Ops Center Deployment
- Components
- Network Ports and Protocols
- Ops Center's Subscription Model
- Ops Center's Job Process
- Ops Center's Infrastructure Stack Plug-in

Preparing for Installations

- Setting Up the Oracle Database
- Planning Enterprise Controllers, Proxy Controllers, and Assets
- Choosing Connected or Disconnected Mode
- Setting Up the Knowledge Base
- Setting Up the Solaris 11 Image Package System (IPS)
- Planning Networks for Ops Center
- Verifying Resources by Running OCDDoctor.sh
- Downloading and Staging Ops Center Software and Documentation

Installing and Configuring Ops Center

- Installation and Configuration Overview
- Installing Ops Center
- Configuring Ops Center
- Validating Installations
- Deploying Additional Proxies
- General Steps for Installing the Enterprise Controller for High Availability
- Uninstalling Ops Center
- Setting Session Timeout Values

Discovering Assets

- Viewing Discovery Profiles and Managed Assets
- Creating Discovery Profiles
- Adding and Finding Assets
- Switching Management Access for Assets
- Managing Discovery Profiles and Management Credentials
- Discovering Windows Operating Systems and SPARC Enterprise M-Series Servers
- Manually Installing and Enabling Agent Controllers
- Migrating and Deleting Assets

Managing and Monitoring Assets

- Managing Service Processors
- Managing Operating Systems
- Monitoring Service Processors
- Viewing Asset Dashboards
- Viewing Asset Groups
- Creating Asset Groups
- Organizing Assets

Managing Users and Roles

- Users and Roles Overview
- Adding Local Users to Ops Center
- Viewing User Roles and Privileges
- Managing User Roles and Privileges
- Replicating User Roles

Managing Software Libraries

About Libraries

Adding Software Libraries

Adding OS Images to Local Software Libraries

Managing OS Images

Adding Firmware to Software Libraries

Managing Firmware Images

Managing the Solaris 11 Library

Creating Plans and Profiles

About Deployment Plans and Profiles

Viewing Deployment Plans and Profiles

Creating Deployment Plans and Profiles

Applying Deployment Plans

About Operational Plans and Profiles

Creating Operational Profiles

Applying Operational Plans

Provisioning Firmware

About Firmware Provisioning

Creating, Editing, and Copying Firmware Profiles

Creating and Editing Firmware Deployment Plans

Running Firmware Reports

Applying Firmware Deployment Plans

Setting the Enterprise Controller Storage Library

Provisioning Operating Systems

OS Provisioning

Locating OS Images, Default OS Profiles, and Default Deployment Plans

Configuring DHCP

Editing and Copying OS Provisioning Profiles

Creating OS Provisioning Profiles

Creating OS Configuration Profiles

Creating Deployment Plans

Provisioning Operating Systems

Updating Operating Systems

OS Updates Overview

Using the Oracle Solaris 11 Support Repository

Creating and Updating a Local IPS Repository

Creating a System Catalog Report

Searching for Software in the Oracle Solaris 11 Software Update Library

Creating and Applying an OS Update Deployment Plan

Creating Boot Environments and OS Update Profiles

Applying a Custom Deployment Plan

Performing Advanced Update Management

Setting Up Disconnected Mode

Adding Local Content

Creating Solaris 10 Boot Environments

Creating Oracle Solaris 11 Boot Environments
Viewing and Managing Boot Environments

Managing Monitoring Policies, Notifications, and Incidents

Ops Center's Monitoring Capabilities
Managing Monitoring Policies
Creating Monitoring Policies
Viewing Alerts, Notifications, and Incidents
Configuring User Notification Profiles
Investigating Incidents
Assigning and Acknowledging Incidents
Resolving Incidents

Managing Storage Libraries

Storage Library Overview
Creating a NAS Storage Library
Viewing NAS Storage Library Information
Loading Images into a NAS Storage Library
Creating a SAN Storage Library
Adding LUNs to a SAN Storage Library
Associating a SAN Storage Library
Editing Library Attributes and Removing Storage Libraries

Working with Solaris Zones

Oracle Solaris Zones Overview
Creating and Deleting Oracle Solaris Zones
Zone Data Structures
Shutting Down Zones
Booting Zones
Editing Zone Configurations
Adding Storage to Zones
Cloning Oracle Solaris Zones

Creating and Managing Server Pools

About Server Pools
Creating a Server Pool for Oracle Solaris Zones
Using Storage Libraries with Server Pools
Guest Placement and Balancing Policies for Server Pools
Server Pool and Stand-Alone Server Actions
Creating Oracle Solaris Zones in a Server Pool
Migrating Zones in a Server Pool