# Oracle Enterprise Manager Ops Center 12c Administration Ed 3

## Duración

Días: 5 Días
Horas: 30 horas

## Descripción

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.

## Objetivos

1. Manage Software Update Processes for Operating Systems
2. Provision Operating Systems and Firmware
3. Discover and Manage Assets using Ops Center
4. Understand Deployment Plans
5. Manage Ops Center Software Libraries
6. Perform Ops Center Administration Actions
7. Install and Configure Ops Center
8. Manage Incidents and Notifications using Ops Center
9. Understand Oracle Enterprise Manager Ops Center 12c Architecture
10. Manage Ops Center Storage Libraries

## Qué aprenderá

- 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.

## A quién va dirigido

- Administrator
- Support Engineer
- System Administrator
- Technical Administrator
- Technical Consultant

## Requisitos

### Required Prerequisites

- General system administration skills related to system deployment, monitoring and software maintenance are required
- Oracle Solaris 11 Advanced System Administration

### Suggested Prerequisites

- General Network administration skills
- General Oracle Solaris administration skills
- Oracle Solaris 11 System Administration Ed 4
- Oracle Solaris 11 System Administration Ed 5 NEW

## Beneficios para usted

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

## Contenido

1. 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

2. 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 OCDoctor.sh
    - Downloading and Staging Ops Center Software and Documentation

3. 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

4. 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

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

6. 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
    - Configuring Notification Profiles for Users

7. 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

8. 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

9. 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

10. 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

11. 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

12. 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

13. 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

14. 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

15. Working with Solaris Zones
    - Oracle Solaris Zones Overview
    - Creating and Deleting Oracle Solaris Zones
    - Zones: Data Structures, Shutting Down and Booting
    - Editing Zone Configurations
    - Adding Storage to Zones
    - Cloning Oracle Solaris Zones

16. 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