

Using Oracle Enterprise Manager Cloud Control 13c Ed 2

Duration: 3 Days

What you will learn

In this course, students learn how to use Enterprise Manager Cloud Control to monitor and manage their enterprise-computing environment. The participants use the Cloud Control framework, the out-of-box capability to manage Oracle targets, individually or in groups with templates, monitor the compliance of targets, use the job system to automate commonly performed tasks, view and compare configurations and create and use predefined and customized reports.

Learn To:

Navigate and monitor the overall health of your Cloud Control system.

Organize targets and groups.

Setup targets monitoring, alerts and notifications.

Use the job system to create and manage jobs to automate commonly performed tasks.

View, search and compare configurations.

Manage targets patching.

Explain compliance policies and evaluate policy violations.

Use BI Publisher to generate custom reports.

Benefits to You

You'll walk away from this course with the ability to use the core functionality of Oracle Enterprise Manager Cloud Control 13.2. After a brief review of the underlying architecture, you use Cloud Control to manage an enterprise-computing environment. This includes tasks, such as: Managing and Monitoring Cloud Control, Managing Hosts, Groups, Systems and Services, Monitoring Targets, Using the Job System and Information Publisher, Viewing and Comparing Configurations, and Managing Compliance.

Participate in Hands-On Exercises

By engaging in hands-on practices to reinforce new knowledge, you will learn how to use the features of Cloud Control to manage, monitor, and administer your data center.

Audience

Database Administrators

System Administrator

System Integrator

Systems Architects

Technical Administrator

Related Training

Suggested Prerequisites

Familiarity with Database Control

Familiarity with Fusion Middleware Control

Good knowledge of Linux

Course Objectives

Navigate and monitor the overall health of your Cloud Control system

Organize targets and groups

Setup targets monitoring, alerts and notifications

Use the job system to create and manage jobs to automate commonly performed tasks

View, search and compare configurations

Manage targets patching

Explain compliance policies and evaluate policy violations

Use BI Publisher to generate custom reports

Course Topics

Introduction

Key Challenges for Administrators

What Is Enterprise Manager Cloud Control?

Built-in and Integrated Manageability

This Course in Context

Course Schedule

Classroom Setup

Enterprise Manager Core Concepts

Review Oracle Enterprise Manager architecture

Security (high level)

Controlling the Cloud Control Framework

Self-Monitoring and Maintenance

Backup and Recovery: Repository, OMS and OMA, Software Library

Viewing Log Files and Trace Files

Targets Setup

Targets discovery (review)

- Administration Hierarchy
- Groups
- Target Properties

Oracle Cloud In Your IT Ecosystem

- Describe the benefits of having Oracle Cloud services in your IT Ecosystem
- Explore how Oracle Cloud services can be managed and why Enterprise Manager Cloud Control is a superior choice
- Describe how Enterprise Manager Cloud Control establishes a connection to Oracle Cloud services
- Explore the new capabilities that are unlocked when Cloud Control is managing Oracle Cloud services

Roles and Privileges

- Roles
- Privileges
- Who can define Roles and Privileges
- Privileges and Roles Uses

Monitoring Standards

- Define monitoring standards
- Setting and using metric thresholds
- Using Monitoring Templates and templates collection

Managing Events and Incidents

- Metric Thresholds and Settings
- Define and manage incidents
- Distinguish between incidents and problems
- Monitor problems (including incidents flooding)
- Use incident rule sets
- Describe the processing priority of rules and notifications
- Corrective Actions
- Incidents Dashboard

Using Notifications, Blackouts and Brownouts

- Define Blackouts and Brownouts, benefits
- Blackouts
- Brownouts
- Monitoring Service
- Receiving Alerts and Notifications
- Metric Extensions

Using the Job System

- Core Concepts and Tasks: what is new in EM 13c
- Understand job privileges
- Distinguish predefined jobs for your user-defined ones
- Create and manage jobs of different types
- Creating a Multi-Task Job
- Use the job library
- Enable job notifications
- View job activity

Managing Systems and Services

- Workflow for Systems and Services
- Define and administer systems

- Viewing the System Topology
- Define and create services, service types
- Define and monitor the availability of a service
- Discuss the use of beacons
- Define and monitor service levels
- Specifying Service Level Rule Elements

Patching and Provisioning

- Software life-cycle management
- Provisioning and patching
- Software library review
- Use of Deployment Procedure Manager
- Deployment procedures and use cases
- Bare metal provisioning
- Software patching: modes and workflow
- Software Upgrades

Managing Configurations

- What Is Configuration Management?
- Viewing Configurations
- Comparing Configurations
- Searching the Enterprise Configuration
- Configuration topology

Managing Compliance

- Compliance Management
- Define compliance management: framework, standards, and rules
- Describe the predefined compliance functionality
- Assign compliance standards to targets
- View the results: score and importance
- Point out the doc Oracle® Enterprise Manager Cloud Control Oracle Database Compliance Standards

Producing and Using EM Reports Using BI Publisher

- Information Publisher vs BIP: IP deprecated
- BIP intro and configuration basics
- Using Oracle-Provided BIP Reports
- Reporting on Targets
- Workflow for Creating Reports
- Schedule, save, and email reports
- Publish Enterprise Manager Reports