

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

Required Prerequisites

Oracle Enterprise Manager Cloud Control 12c: Advanced Configuration Workshop

Oracle Enterprise Manager Cloud Control 13c: Install & Upgrade Ed 2

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

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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