

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.

Related Training

Suggested Prerequisites

Familiarity with Database Control

Familiarity with Fusion Middleware Control

Good knowledge of Linux

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Course Objectives

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

Navigate and monitor the overall health of your Cloud Control system

Setup targets monitoring

alerts and notifications

Organize targets and groups

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

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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

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Define and administer systems
Viewing the System Topology
Define and create services, service types
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
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