

OEM-CC-13c: Using Oracle Enterprise Manager Cloud Control 13c

Course Code: OEM-CC-13c

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

This Using Oracle Enterprise Manager Cloud Control 13c training teaches you how to use Enterprise Manager Cloud Control to monitor and manage your enterprise-computing environment. You'll learn how to 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. Explain provisioning and manage targets patching.
- Use compliance policies and evaluate policy violations. Use BI Publisher to generate custom reports.

SKILLS COVERED

- 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.

WHO SHOULD ATTEND?

- Administrator
- Database Administrator
- System Integrator
- Systems Administrator

PREREQUISITES

- Familiarity with Database Control
- Familiarity with Fusion Middleware Control
- Good knowledge of Linux

MODULES

Module 1: Introduction

- Key Challenges for Administrators
- What Is Enterprise Manager Cloud Control?
- Built-in and Integrated Manageability
- This Course in Context
- Course Schedule
- Classroom Setup

Module 2: 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

Module 3: Targets Setup

- Targets discovery (review)
- Administration Hierarchy
- Groups
- Target Properties

Module 4: 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

Module 5: Roles and Privileges

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

Module 6: Monitoring Standards

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

Module 7: 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

Module 8: Using Notifications, Blackouts and Brownouts

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

Module 9: 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

Module 10: 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

Module 11: Patching and Provisioning

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- 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

Module 12: Managing Configurations

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

Module 13: 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

Module 14: 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