
Oracle Enterprise Manager Cloud Control 19c (TTOR04019)

Overview

This is a comprehensive, hands-on course that explores the core functionality of Oracle Enterprise Manager Cloud Control and how to use Cloud Control to manage an enterprise-computing environment. This includes tasks such as managing and monitoring Cloud Control; creating and managing groups, systems, and services; monitoring targets; using the Job System and the reporting system; viewing and comparing configurations, and managing compliance.

Prerequisite Comments

Introduction to OEM for experienced Administrators, Database Administrators and Systems Administrators

Target Audience

Introduction to OEM for experienced Administrators, Database Administrators and Systems Administrators

Course Objectives

Our engaging instructors and mentors are highly-experienced practitioners who bring years of current "on-the-job" experience into every classroom. Working within in a hands-on learning environment, guided by our expert team, attendees will learn to:

Use Cloud Control to organize your managed enterprise.

Describe roles and privileges.

Monitor the overall performance and health of your managed system.

Manage incidents and set up notifications.

Use the Job System to automate commonly performed tasks.

Patch and provision new systems.

View, search, and compare configurations.

Explain compliance policies and evaluate policy violations.

Create and use Cloud Control reports.

Course Outline

1 - Introduction

Describe Enterprise Manager Cloud Control as a single point of management and explain the benefits it provides

Describe the course structure and its relationship with other courses

Explain the system configuration for the course practices

2 - Cloud Control Core Concepts

Confirm your understanding of the Cloud Control architecture
Explore the Enterprise Manager interface

3 - Organizing Targets into Groups

Define and distinguish Enterprise Manager groups
Describe the benefits of using groups
Explain target properties and how they relate to groups
Create various types of groups
Set up a monitoring hierarchy

4 - Oracle Cloud in Your IT Ecosystem

Identify the Oracle Cloud services that can be managed by Enterprise Manager Cloud Control
Describe how Enterprise Manager Cloud Control manages Oracle Cloud services
List the operations that Enterprise Manager Cloud Control enables between on-premises targets and Oracle Cloud services

5 - Cloud Control Access

Identify how access to Cloud Control targets is controlled
Define roles and privileges and how they relate to groups
Distinguish between various types of roles
Describe target credentials and their types

6 - Monitoring

Explain the monitoring infrastructure and the process of creating standards for monitoring your enterprise
Identify out-of-the-box monitoring settings
Customize metric settings
Create and apply monitoring templates and template collections, and relate them to Administration Groups
Describe metric extensions

7 - Managing Events and Incidents

Describe the use of events, incidents, and problems in Enterprise Manager Cloud Control
Access Incident Manager to manage events, incidents, and problems
Perform incident lifecycle operations

8 - Responding to Events, Incidents, and Problems

Responding to Events, Incidents, and Problems

9 - Using the Job System

Define and describe jobs and related terms
Explain the difference between job steps, executions, and job runs
Distinguish predefined jobs from customizable jobs
Create and manage jobs of different types
View job activity
Use the job library

10 - Managing Systems and Services

Managing Systems and Services

11 - Patching and Provisioning

Define software lifecycle management
Describe the different roles and responsibilities
Define provisioning, patching, and the Software Library
Review configuration of the Software Library
Use deployment procedures for provisioning and patching automation
Patch software
Define bare metal provisioning

12 - Managing Configurations

Explain the need for configuration management
Describe configuration management
View configurations of managed targets
Compare configurations of managed targets
View the configuration summary for managed targets
Enable drift and consistency tracking
Use change activity planning

13 - Managing Compliance

Define compliance management: framework, standards, rules, and facets
Describe the predefined compliance standards
Assign compliance standards to targets
Explain the compliance evaluation method
Analyze compliance results

14 - Using the Cloud Control Reporting Framework

Explain the basics of BI Publisher reporting
View and customize out-of-the-box reports
Create custom reports
Schedule reports