Using Oracle Enterprise Manager Cloud Control 12c NEW

Duration: 3 Days

What you will learn

This is a foundation course for Oracle Enterprise Manager Cloud Control 12c. In this course, you learn to use the core functionality of Oracle Enterprise Manager Cloud Control 12c. 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 Enterprise Manager reporting tools, viewing and comparing configurations, and managing compliance.

Learn To:

Monitor the overall health of your Cloud Control system

Manage targets, hosts and groups

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

Use Information Publisher to generate custom reports

View, search and compare configurations

Manage incidents and deployments

Audience
Administrator
Database Administrators
System Administrator
Technical Administrator

Prerequisites

Suggested Prerequisites
Oracle Enterprise Manager Cloud Control 12c: Install & Upgrade NEW

Course Objectives
Monitor the overall health of your Cloud Control system
Manage targets, hosts and groups
Use the job system to create and manage jobs to automate commonly performed tasks
Use Information Publisher to generate custom reports
View, search and compare configurations
Manage incidents and deployments
Explain compliance policies and evaluate policy violations

Course Topics

Introduction
Course overview
Key Challenges for Administrators
What Is Enterprise Manager Cloud Control?
Built-in and Integrated Manageability
Configuration Management

This Course in Context
Course Schedule
Classroom Setup

Reviewing Enterprise Manager Core Concepts
Review Oracle Enterprise Manager architecture
Agent Installation and Target Discovery
Describing Different Target Types
Monitoring Cloud Control
Security (very high level)
Managing Securely with Credentials

Managing and Monitoring Enterprise Manager Cloud Control
Viewing Log Files and Trace Files
Controlling Cloud Control components
Configuring Alerts and Notifications
Backup and Recovery: Repository, OMS and OMA

Monitoring Targets
System Monitoring
Oracle-Provided Monitoring
Metric Thresholds and Settings
Corrective Actions
Using Monitoring Templates
Receiving Alerts and Notifications
Blackouts
Metric Extensions

Managing Hosts
Monitor the Host OS
Monitor and Manage All Hosts
Monitor an Individual Host
Administering Network Components

Managing Groups
Administering Network Components
Manage targets with groups
Define and distinguish Enterprise Manager groups
Create groups
Perform group management tasks
Define administration groups and a group hierarch
Define and use template collections
Apply template modifications

Managing Systems and Services
Workflow for Systems and Services
Define and administer systems
Viewing the System Topology
Define and creating services
Define and monitor the availability of a service
Discuss the use of beacons
Define and monitor service levels

Specifying Service Level Rule Elements

Using the Job System
What Is a Job?
Core Concepts and Tasks
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 Incidents
Define and manage incidents
Perform incident lifecycle operations: Assign, acknowledge, prioritize, track status, escalate, suppress
Distinguish incidents and problem
Monitor Oracle software problems
Use incident rule sets (which replace notification rules)
Describe the processing priority of rules and notifications

Patching and Provisioning
Software life-cycle management
Provisioning and patching
Software library
Use Deployment Procedure Manager
Deployment procedures and use cases
Bare metal provisioning

Managing Configurations
What Is Configuration Management?
Viewing Configurations
Comparing Configurations
Searching the Enterprise Configuration
Client Configuration
Client System Analyzer in Cloud Control

Managing Compliance
Compliance Management
Define compliance management: framework, standards, and rules
Describe the predefined compliance functionality
Assign compliance standards to targets
View the results
Evaluate compliance levels

Producing and Using Enterprise Manager reports
Information Publisher
Using Oracle-Provided Reports
Reporting on Targets
Workflow for Creating EM Reports
Schedule, save, and email reports
Enterprise Manager Reports Web Site