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

Oracle IT Infrastructure

DURATION	MODULES	COURSE CODE
2 Days	**5 Lectures**	**—**

Course Overview

In the Oracle Enterprise Manager Cloud Control 13c: Install & Upgrade course, you'll learn about the architecture of Oracle Enterprise Manager Cloud Control 13c, implementation options and you'll perform a standard single-server installation.

What You Will Learn

Introduction

- Course Goals
- Lesson Objectives
- What Is Enterprise Manager Cloud Control 13c?
- Why Do I Need Enterprise Manager Cloud Control 13c?
- Cloud Control 13c: A Single Pane of Glass
- Cloud Control 13c Major Themes
- Finding Your Way Around Cloud Control 13c
- This Course in Context
- Oracle VM VirtualBox in the Classroom
- Summary
- Practice 1-1 Overview: Using Oracle VM VirtualBox
- Practice 1-2 Overview: Getting to Know the Cloud Control 13c Interface

Architecture and Implementation Options

- Objectives
- Cloud Control Components
- Oracle Management Service
- Oracle Management Repository
- Oracle Management Repository Best Practices
- Oracle Management Agent

- Communication Flow Between Components
- Oracle Management Agent Deployments
- Agent Installation Best Practice: Gold Agent Images
- Host and Target Discovery Mechanism
- Target Discovery
- Key Differences Between 13c and Earlier Versions
- Implementation Options
- Single-Server Installation Process
- Installation Directories
- Initial Setup Console
- Starting and Stopping Cloud Control 13c
- Quiz
- Practice 2-1 Overview: Installing Cloud Control in a Single-Server Topology
- Practice 2-2 Overview: Using the Initial Setup Console
- Practice 2-3 Overview: Adding Managed Hosts
- BI Publisher
- The BI Publisher Security Model
- Practice 2-4 Overview: Setting Up BI Publisher Security
- Summary

Oracle Cloud in Your IT Ecosystem

- Objectives
- Oracle Cloud as Part of Your IT Ecosystem
- Tools for Monitoring and Managing Oracle Cloud Services
- Why Use Cloud Control to Manage Oracle Cloud Services?
- How Cloud Control Monitors and Manages Oracle Cloud Services
- How to Get Past the Firewalls That Protect You?
- The Hybrid Cloud Agent: An Elegant Solution
- Under the Covers of the Hybrid Cloud Agent
- What the Hybrid Cloud Agent Enables
- Summary

Upgrade Paths

- Objectives
- Upgrade Paths
- 12c to 13c Upgrade Utilities
- The 1-System Upgrade Process
- Cloud Control 12c Software-Only with Plug-ins Upgrade Procedure
- Cloud Control 12c 1-System Upgrade Procedure: Steps 1 and 2
- Cloud Control 12c 1-System Upgrade Procedure: Step 3
- Cloud Control 12c 1-System Upgrade Procedure: Steps 4 and 5
- Cloud Control 12c 1-System Upgrade Procedure: Step 6
- Cloud Control 12c 1-System Upgrade Procedure: Step 7
- Agent Upgrade Best Practice: Gold Agent Images
- Cloud Control 12c 1-System Upgrade Procedure: Step 8

- 12c Upgrade Requirements and Best Practices
- Start Using SHA Certificates Today
- Quiz
- Practice 3-1 Overview: 1-System Upgrade (12.1.0.5 to 13.2.0.0)
- Summary

Implementation Planning

- Objectives
- Enterprise Manager Implementation Lifecycle
- The Implementation Plan
- Cloud Control Infrastructure Growth
- An Enterprise Manager Site
- One Site Managing the Entire IT Enterprise
- Multiple Sites Managing the IT Enterprise
- Sizing the Repository
- OMR Life Cycle and Security
- OMS Life Cycle and Security
- Elements of High Availability
- Four Levels of High Availability
- High Availability Level 1 Best Practice Installation
- High Availability Level 2 Sample Design
- High Availability Level 3 Sample Design
- High Availability Level 4 Sample Design
- The Availability Continuum
- Keeping Up with Current High Availability Trends
- Summary
- A Cloud Computing Fundamentals
- We Are Already Consumers of the Cloud A-2
- Cloud Computing A-4
- Cloud Computing: Essential Characteristics A-6
- Cloud Computing Service Models A-8
- Cloud Computing Deployment Models A-10
- Sharing the Benefits of Cloud Computing A-11
- Why Implement a Cloud? A-13
- Cloud Service Models: IaaS A-15
- Cloud Service Models: PaaS A-16
- Cloud Service Models: SaaS A-17
- Deployment Models: Private Cloud A-18
- Deployment Models: Community Cloud A-19
- Deployment Models: Public Cloud A-20
- Deployment Models: Hybrid Cloud A-21
- Cloud Type Formula A-23
- From Zero to Cloud A-25
- Managing Internal Stakeholders A-27
- To the Cloud or Not? Scenario 1 A-28
- To the Cloud or Not? Scenario 2 A-29

- To the Cloud or Not? Scenario 3 A-30