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Leading Marketplace for IT and Certification Courses

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# ORACLE DATABASE CLOUD ADMINISTRATION

◆ 1:1 Instructor-led Online Training ◆



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## COURSE DETAILS & CURRICULUM

### Introduction to Cloud Computing and Cloud Deployment Models

- Define Cloud computing and its essential characteristics
- Determine if cloud Computing will benefit an organization
- Describe Oracle's Cloud offerings
- Explain the Cloud management lifecycle
- Describe various Cloud service models
- Describe various Cloud deployment models
- Describe the factors that determine the Cloud type that will meet an organization's needs
- Describe considerations for adopting a Cloud model

### Cloud for Self-Service Users

- Describe Cloud anatomy
- Describe the capabilities and attributes of a Cloud Control 12c self-service user
- Describe actions that self service users can take in Cloud Control 12c
- Describe what happens when a self service user requests a resource in the cloud



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## Common Building Blocks

- Describe the setup tasks that are common to IaaS and PaaS
- Create Cloud administrators
- Create Cloud self service users
- Set up the software library
- Configure Self Update
- Customize the Self Service Portal login page
- Configure Chargeback

## Implementing IaaS Cloud

- Describe the relationship between IaaS and OVM Manager
- Describe the background activities when an IaaS Self Service User requests a server
- Describe the building blocks of IaaS using OVM
- Register OVM Manager
- Discover OVM servers
- Set up OVM Storage Pools and an OVM Storage Repository
- Configure OVM networks
- Create OVM Server Pools
- Create OVM Zones

## Setting Up the IaaS Self Service Portal

- Set up the IaaS self service portal
- Define machine sizes
- Configure request settings
- Assign quotas against roles
- Publish software components

## PaaS Fundamentals

- Describe PaaS implementation in EMCC12c
- Describe the topology of PaaS Infrastructure Zones
- Describe the relationship between PaaS Pools and Oracle Homes
- Describe the importance of privilege delegation and named credentials to the PaaS Cloud
- Provision credentials



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## Implementing DBaaS

- Set up the DBaaS infrastructure
- Provision Oracle database homes
- Explain how DBaaS Pools use Oracle database homes
- Create DBaaS pools

## Setting Up the DBaaS Self Service Portal

- Set up the DBaaS Self Service Portal
- Configure request settings
- Assigning Quotas to Roles
- Create database Deployment Procedures
- Publishing database Deployment Procedures

## Chargeback

- Describe the entities for which Chargeback may be done
- Define Cost Calculations with Charge Plans
- Assign charges to cost centers
- Assign cost centers to IaaS and DBaaS targets
- Report on usage of Enterprise Manager Cloud Control 12c Clouds

## Consolidation Planner

- Describe how Consolidation Planner fits into the IT Infrastructure Lifestyle
- Describe how Consolidation Planner can assist in assessing IT Infrastructure Usage
- Describe the use of Consolidation Planner scenarios
- View Consolidation Scenario Results