Oracle Solaris 11 Building Private Clouds

Duration: 3 Days

What you will learn

This Oracle Solaris 11 Building Private Clouds course explores how cloud administration training combines multiple enterprise level technologies to demonstrate a full cloud infrastructure deployment using SPARC technology. This course uses the "Oracle Optimized Solution for Enterprise Cloud Infrastructure on SPARC" as a guideline.

Learn To:

Plan for and deploy a private Infrastructure as a Service cloud.
Combine various Oracle technologies into a robust cloud infrastructure.
Practice cloud component creation and configuration tasks by performing a series of guided hands-on labs.
Perform the critical steps associated with the configuration of cloud and related facilities.

Benefits To You
Enrolling in this course allows you to use the skills you learn to effectively deploy a cloud solution. You'll develop the skills to combine virtualization and system management technologies.

Configuring Infrastructure as a Service

This is an advanced course offering that encompasses multiple Oracle technologies (Oracle Solaris 11,Oracle Enterprise Manager Ops Center 12c and Oracle VM Server for SPARC). Expert Oracle University instructors focus on the skills and knowledge required for configuring the Infrastructure as a Service (IaaS) cloud, as well as best practices. This course is ideal for experienced system administrators who are responsible for planning and performing Cloud creation and administration tasks in a virtualized datacenter.

Gain Hands-On Experience

This course also offers hands-on labs, which include business scenarios that showcase best practices when managing the cloud infrastructure. Please note that it's assumed that you already have the skills and knowledge necessary to administer Oracle Solaris 11.

Audience
System Administrator
System Integrator
Technical Administrator
Technical Consultant
Web Administrator

Related Training

Required Prerequisites

Minimum three years of system administration experience

Oracle Solaris 11 System Administration Ed 3

Oracle Solaris 11 Advanced System Administration

Transition to Oracle Solaris 11

Course Objectives

Develop plans for deploying cloud infrastructure

Configure and deploy private cloud facilities

Manage cloud facilities (enterprise level management tools, SPARC servers, virtual machines, storage area network, storage pools, file systems and other components)

Monitor cloud performance and resource utilization

Identify best practices associated with cloud management

Course Topics

Introducing the Cloud Technologies
Describe the Cloud Technology
The Cloud Solution Used in Class
Defining the Example Business

Planning for Cloud Configuration
Designing the Cloud Infrastructure and Specifications
Planning for the vDC and Cloud Deployment
Identifying System Requirements

Performing the Initial Configuration
Preparing the Operating System Facilities
Building Out Ops Center
Administering Facilities Using Ops Center

Working With VM Server Based Cloud
Configuring the VM Server Based Cloud
Working With VM Server

Using the VM Server Based Cloud
Provisioning the vDC Using the Cloud User
Operating the vDC

Working With the Solaris Zones Based Cloud

Provisioning the Zone Based Cloud