

Oracle Solaris Cluster 4.x Advanced Administration Ed 3

Duration: 5 Days

What you will learn

The "Oracle Solaris Cluster 4.3 Advanced Administration" training is ideal for system administrators, database administrators and support personnel who already have experience installing and configuring basic applications for Oracle Solaris Cluster. Develop advanced configuration, and maintenance skills and procedures for Oracle Solaris Cluster.

Learn To:

Upgrade the Oracle Solaris Cluster software.

Make custom applications highly available.

Perform recovery and maintenance procedures.

Explore Oracle Solaris Cluster use cases.

Implement disaster recovery using Oracle Solaris Cluster Geographic Edition.

Benefits To You

As a system administrator, you'll be exposed to new technology, which includes managing multiple protection groups by implementing the concepts of site and multiple groups using the Geographic Edition software in a disaster recovery scenario. In addition, you'll develop the skills to use Oracle Solaris Cluster in Oracle SuperCluster engineered system to provide high-availability solution for various optimized solutions.

Course Structure

The course begins with upgrade procedures, followed by custom data service configurations. This includes recovery and maintenance tasks, such as adding and deleting nodes. In addition, you'll explore the role of Geographic Edition for disaster recovery through studying several use cases.

Participate in Hands-On Exercises

You will also engage in hands-on lab exercises to reinforce your learning. These exercises will walk you through critical tasks associated with performing Oracle Solaris Cluster 4.x advanced administration.

Audience

Database Administrators

Support Engineer

System Administrator

Related Training

Required Prerequisites

Experience Demonstrating knowledge and experience in Oracle Solaris 11 operating system administration and maintenance

Experience Installing/upgrading and configuring Oracle Solaris Cluster software

Experience configuring supported failover and scalable applications in the Oracle Solaris Cluster

Experience performing basic network administration

Oracle Solaris 11 System Administration Ed 5

Oracle Solaris 11 Advanced System Administration Ed 5

Oracle Solaris Cluster 4.x Administration Ed 4

Course Objectives

Upgrade the Oracle Solaris Cluster software

Make custom applications highly available

Perform recovery and maintenance procedures

Explore Oracle Solaris Cluster use cases

Implement disaster recovery using Oracle Solaris Cluster Geographic Edition

Course Topics

Introduction to the course

Overview

Course Goals

Course Agenda

Introductions

Your Learning Center

Your Lab Environment

Upgrading the Oracle Solaris Cluster Software

Preparing to Upgrade Oracle Solaris Cluster Software

Upgrading the Cluster Software

Completing the Cluster Upgrade

Recovering from an Incomplete Upgrade

Making Custom Applications Highly Available

Describing the Oracle Solaris Cluster Data Services

Describing the role of RGM in configuring data services

Controlling RGM Behavior

Changing the Properties of the RGM Resources
Implementing Multimaster and Scalable Applications
Explaining the Interfaces and Tools for Coding Data Services

Performing Recovery and Maintenance Procedures

Adding a New Node to a Running Cluster
Adding a Node to a Zone Cluster
Removing a Node From an Existing Cluster
Removing a Node From a Zone Cluster
Replacing a Failed Node in a Cluster
Uninstalling the Oracle Solaris Cluster Software From a Node
Replacing Failed Disks

Exploring the Oracle Solaris Cluster Use Cases

Configuring Oracle WebLogic Server as a Multi-Master Resource
Configuring MySQL Server as a Failover Resource
Configuring Oracle GoldenGate as a Failover Resource for MySQL Server
Providing High Availability (HA) for Enterprise Applications using Oracle SuperCluster

Implementing Disaster Recovery by Using Oracle Solaris Cluster Geographic Edition

Describing the role of the Geographic Edition software in disaster tolerance
Explaining the Key Concepts of the Geographic Edition Software
Describing the Architecture of the Geographic Edition Software
Installing the Geographic Edition Software
Configuring the Geographic Edition Software