Oracle SuperCluster Administration and Maintenance Seminar

Duration: 2 Days

What you will learn

The Oracle SuperCluster seminar will help you develop the skills to successfully describe, configure, maintain, administer and troubleshoot software and hardware on the Oracle SuperCluster T5-8. Explore the architecture and components of a Oracle SuperCluster, while deep diving into the available features.

Learn To:

Perform common system administration tasks.
Use tools to help simplify administration.
Perform common tasks on the Oracle SuperCluster including backup/recovery.
Perform basic troubleshooting of the Oracle SuperCluster.
Administer the Oracle SuperCluster.

Benefits to You

By enrolling in this seminar, you'll explore data replication and disaster recovery configurations. Developing these new skills will ensure rapid recovery in case of system or data loss.

Audience

Data Center Manager
Database Administrators
Support Engineer
System Administrator
System Integrator

Related Training

Required Prerequisites

Experience with LDoms and ZFS

Experience with Unix, Servers, and Storage

Oracle Solaris 10 and Oracle Solaris 11 Administration

Sun ZFS Storage 7000 Appliance Administration

Oracle Solaris 11 System Administration Ed 3

Oracle Solaris 11 Advanced System Administration

Oracle VM Server for SPARC: Installation and Configuration

Suggested Prerequisites
Oracle Enterprise Manager Ops Center 12c Administration Ed 2 NEW

Oracle Solaris 11 ZFS Administration

Oracle Solaris 11 Zones Administration

Course Objectives

List the functions and features of the Oracle SuperCluster

Identify the components and architecture of the Oracle SuperCluster

Integrate the Oracle SuperCluster into an existing data center

Course Topics

Oracle SuperCluster Introduction and Overview
Distinguish an Oracle SuperCluster physically from a Exadata or Exalogic
Provide a market comparison with Exalogic and Exadata
List the main components that compose the Oracle SuperCluster
Describe the general functionality of the key Oracle SuperCluster HW components
Describe the general functionality of the key Oracle SuperCluster SW components
Describe the functionality of the sub-components of the key Oracle SuperCluster components
List the FRUs in the Oracle SuperCluster

Functions and Features of the Oracle SuperCluster
List the targeted applications of the Oracle SuperCluster
Describe the Oracle SuperCluster functions - optimal performance, high availability, standard configurations, and architec
Define the Oracle SuperCluster protocols, such as IPoIB, GbE
Describe the Oracle SuperCluster features
Discuss the different types of configurations of the Oracle SuperCluster and describe the trade-offs between them
Describe the difference between zones and logical domains
Describe tuning for best performance

Administration and Configuration of the Oracle SuperCluster
Explain the primary use cases of the Oracle SuperCluster
Perform system administration tasks
Perform system administration tasks using Ops Center
Describe how to use 3rd party management tools
Describe how to connect an Oracle SuperCluster T5-8 to an Oracle Exadata Storage Expansion Rack

Maintenance of the Oracle SuperCluster
Detail the maintenance strategy for the Oracle SuperCluster
Identify and locate failed hardware components
Gather information regarding hardware status
Diagnose system problems
Monitor overall appliance status

Basic Troubleshooting of the Oracle SuperCluster

Describe the LEDs on the components in the Oracle SuperCluster
Identify the location of all the log files
Describe the basic troubleshooting methods used in the Oracle SuperCluster

Common Tasks

Back up the data - Snapshots and/or Remote Replication
Recover and restore data, get system back online after a failure
Discuss disaster recovery setup