

S Oracle SuperCluster for System Administrators Ed 2

Duration: 2 Days

What you will learn

This Oracle SuperCluster for System Administrators training is intended for system administrators who perform administration on the Oracle SuperCluster T5-8, Oracle SuperCluster M6-32 or the Oracle SuperCluster M7. The goal of the course is to provide administrators with the knowledge and skills necessary to perform configuration, administration, and basic troubleshooting.

Learn To:

List the functions and features of Oracle SuperCluster.

Identify the components and architecture of Oracle SuperCluster.

Integrate Oracle SuperCluster into an existing data center.

Administer Oracle SuperCluster.

Configure Oracle VM Server for SPARC (LDomS) and discuss configuration options.

Perform basic troubleshooting and common tasks of Oracle SuperCluster, including backup and recovery.

Know where to obtain and use SuperCluster and Solaris best practices.

Benefits To You

By taking this course, you will gain a better understanding of the system architecture and best practices. This course prepares individuals responsible for the system administration of the Oracle SuperCluster to successfully perform their function. Furthermore, you'll develop the skills to successfully describe, configure, maintain, administer and troubleshoot software and hardware on the Oracle SuperCluster. Explore the architecture and components of an Oracle SuperCluster, while deep diving into the available features.

Please Note

This course covers the Oracle SuperCluster T5-8, M6-32 and M7 along with their common features, functionality, components, monitoring, and basic maintenance procedures. The Oracle SuperCluster is an integrated hardware platform with SPARC servers, network and storage, which are optimized for performance, availability, security, and virtualization and designed to run database, middleware, and applications. It's designed for Oracle Database and best for Oracle application customers who need to maximize return on their software investments, increase their IT agility and improve application usability and overall IT productivity.

Audience

Data Center Manager

Sales Consultants
Support Engineer
System Administrator
System Integrator

Related Training

Required Prerequisites

Exadata, ZFS Appliance and Network concepts

Experience with Oracle Solaris administration

Server experience

Course Objectives

Administer Oracle SuperCluster

Configure Oracle VM Server for SPARC (LDomS) and discuss configuration options

Identify the components and architecture of Oracle SuperCluster

Integrate Oracle SuperCluster into an existing data center

Know where to obtain and use SuperCluster and Solaris best practices

List the functions and features of Oracle SuperCluster

Course Topics

SuperCluster Introduction

Distinguish Oracle SuperCluster from Exadata Database Machine

List the main components that compose Oracle SuperCluster

Describe the general functionality of key SuperCluster hardware and software components

Describe SuperCluster functions optimal performance, high availability, standard configurations, and architected for redu

Describe the features of SuperCluster

Oracle SuperCluster T5-8 Overview

List the main components that compose Oracle SuperCluster T5-8

Describe the general functionality of the key hardware and software components and their subcomponents

Oracle SuperCluster M6-32 Overview

Describe Oracle SuperCluster M6-32

Describe SuperCluster M6-32 capacity

Learn the configurations that SuperCluster M6-32 offers

Oracle SuperCluster M7 Overview

Describe Oracle SuperCluster M7

Describe SuperCluster M7 capacity

Learn the configurations that SuperCluster M7 offers

SuperCluster Administration, Configuration and Maintenance

Explain primary use cases of Oracle SuperCluster

Explain and perform system administration tasks

Perform system administration tasks by using Ops Center

Describe how to use third-party management tools

Describe how to connect an Oracle SuperCluster to an Oracle Exadata Storage Expansion Rack

Gather information regarding hardware status

Diagnose system problems

Monitor overall appliance status

SuperCluster Domains

Describe the different types of virtualization options available on a SuperCluster

Differentiate between different types of SuperCluster domains (Application, Database, IO, and Root), and be able to desc

Describe the difference between zones and logical domains

Troubleshooting and Common Tasks

Describe the basic troubleshooting methods used in Oracle SuperCluster

Describe the LEDs on the components in Oracle SuperCluster

Determine the status of system components

Identify the location of all the log files

Back up the Database Snapshots and/or Remote Replication

Recover/restore data, get system back online after failure

Best Practices

Understand the SuperCluster supplied tools and their purposes

Understand the best practices for configuring Database and Application domains

Understand SuperCluster maintenance tasks including patching, backup, proactive/reactive patching, system monitoring

Search for and subscribe to My Oracle Support (MOS) best practices and solutions for all the components within the Sup