

## S Oracle SuperCluster for Database Administrators Ed 1 NEW

**Duration:** 1 Day

### What you will learn

In the Oracle SuperCluster for Database Administrators Course, you will learn about the Oracle SuperCluster features, tools, and best practices that are of value for the Database Administrator. This course has an overview available for the following: M7, M6-32, and T5-8. This course is a one day seminar. Due to the breadth of material, this course does not contain an Activity Guide (labs).

### Learn To:

Gain an understanding of the Oracle SuperCluster, Exadata Storage servers, and SuperCluster virtualization and consolidation.

Learn Oracle SuperCluster tools applicable for the database administrator.

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

### Benefits To You

You will explore best practices, tools, and performance techniques for the Oracle SuperCluster database administrator. You will gain an understanding of the Oracle SuperCluster and its components (including Exadata Storage Servers).

### Audience

Database Administrators  
Support Engineer  
System Administrator  
Technical Consultant

### Related Training

#### *Required Prerequisites*

Oracle Solaris 11 System Administration Ed 5

Oracle Database 12c: New Features for Administrators Ed 2

Oracle Database 12c: Administration Workshop Ed 2

### Course Objectives

List the functions and features of Oracle SuperCluster

Explain Exadata Storage Servers and how they are used

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

Discuss different methods of consolidation

Discuss Oracle SuperCluster Tools

Know where to obtain and use SuperCluster and Solaris best practices

## Course Topics

### **SuperCluster Introduction**

Course Introduction

Review Course Outline

Distinguish Oracle SuperCluster from Exadata Database Machine or Exalogic

List the main components that compose Oracle SuperCluster

Describe SuperCluster functions

Describe the features of SuperCluster

### **Oracle SuperCluster T5-8 Overview (optional)**

Describe Oracle SuperCluster T5-8

### **Oracle SuperCluster M6-32 Overview (optional)**

Describe Oracle SuperCluster M6-32

Describe SuperCluster M6-32 capacity

Explain the services that SuperCluster M6-32 offers

### **Oracle SuperCluster M7 Overview (optional)**

Describe Oracle SuperCluster M7

Describe SuperCluster M7 capacity

Explain the services that SuperCluster M7 offers (features and benefits)

### **Exadata Storage Servers**

Identify what Exadata Storage Servers are and what they do

List the typical configurations for Exadata Storage Servers

Describe ASM and disk groups

Understand CellCLI and ExaCLI

Describe I/O Resource Manager (IORM), write back flash cache, and indexes

Understand performance monitoring and tuning

### **SuperCluster Virtualization and Consolidation**

Describe the different types of virtualization options available on a SuperCluster

Differentiate between different types of SuperCluster domains (Application, Database, I/O and Root)

Describe the difference between zones and logical domains

### **Oracle SuperCluster Tools**

Describe the SuperCluster-supplied tools and their purposes

### **Best Practices**

Describe the best practices for configuring Database and Application domains

Explain SuperCluster maintenance tasks, including patching, backup, disaster recovery (DR), proactive/reactive patching

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