

S Oracle Database Appliance Release 12.1 Overview Ed 1

This S Oracle Database Appliance Release 12.1 Overview Ed 1 training is a highly available all-in-one cluster, database, and storage server with built in redundant and hot swappable components that simplify deployment, maintenance, and support. This course equips the student with the knowledge and skills necessary to deploy Oracle Database Appliance for Oracle Real Application Clusters (Oracle RAC), Oracle RAC One Node, and Oracle Database single instance environments using bare metal or virtualized platforms.

Learn To

This S Oracle Database Appliance Release 12.1 Overview Ed 1 equips you with the knowledge and skills to deploy Oracle Database Appliance for Oracle Real Application Clusters (Oracle RAC), Oracle RAC One Node, and Oracle Database single instance environments using bare metal or virtualized platforms. See how Oracle Database Appliance is a highly available all-in-one cluster, database, and storage server with built in redundant and hot swappable components that simplify deployment, maintenance, and support.

Learn To:

- Describe what an Oracle Database Appliance engineered system is.
- Prepare for Oracle Database installation and deployment.
- Use Oracle Appliance Configuration Manager.
- Rack and cable a new Oracle Database Appliance engineered system.
- Power on the system for the first time and define network options.
- Configure Oracle Integrated Lights Out Manager (ILOM).
- Validate the Oracle Appliance Manager software version and re-image Operating System if needed.
- Download and install the latest Oracle Database Appliance Patch-Set Bundle.
- Download and install the latest Oracle Database Appliance End-User Bundle for bare metal deployments.
- Download and install the latest Oracle Database Appliance base template for virtualized platform deployments.
- Perform Oracle Database Appliance post installation tasks.

Benefits to You

By investing in this course, you will discover how Oracle Database Appliance compares to other Oracle engineered systems and the advantages of using Oracle Database Appliance. After reviewing and planning for a new deployment, you'll get a chance to utilize the standalone Oracle Appliance Configuration Manager tool to generate a deployment plan configuration.

Prerequisites

Suggested Prerequisite

- Prior knowledge and understanding of Oracle Database 12c.
- Knowledge of Automatic Storage Management Cluster File System (ACFS) & Real Application Clusters (RAC)
- Knowledge of Automatic Storage Management (ASM)

- A working knowledge of Unix/Linux along with an understanding of general networking, storage and system administration concepts
- Understanding of Oracle Real Application Cluster Databases
- Basic Linux end user skills
- Understanding of Oracle Database Administration

Required Prerequisite

- Oracle Database 12c: Clusterware Administration
- Oracle Database 12c: RAC Administration Ed 1
- Oracle Database 12c: ASM Administration

Audience

- Database Administrators
- Database Administrators
- System Administrator
- System Administrator

Course Objectives

- Describe what is an Oracle Database Appliance engineered system
- Prepare for Oracle Database Installation and Deployment
- Using Oracle Appliance Configuration Manager
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Course Topics

Introduction to Oracle Database Appliance

- Oracle Database Appliance Software
- Deployment Models
- Engineered Systems
- Benefits of Oracle Database Appliance
- Oracle Database Appliance Hardware

Preparing for Oracle Database Appliance Installation (Before Receiving ODA System)

- Downloading Files
- Choosing Between Bare Metal Deployment or Virtualized System Deployment
- Selecting Database Deployment Options

- Gathering System Requirement Information
- Registering Your Support Identifier

Readying Oracle Database Appliance for Deployment (After Receiving ODA System)

- Receiving Oracle Database Appliance
- Racking and Cabling Oracle Database Appliance
- Oracle Database Appliance Advanced Deployment Preparation Topics
- First Time Power On

Bare Metal Deployments

- Validating Software Versions Installed
- Install the End-User Bundle (GI + RDBMS)
- Prepare to Run Oracle Database Manager Configurator

Virtualized Platform Deployments

- Prepare to Run Oracle Database Manager Configurator
- Checking Oracle Database Appliance Virtualization Status
- Install the ODA_BASE Template