

OD-19c-RACAW: Oracle Database 19c: RAC Administration Workshop

Course Code: OD-19c-RACAW

Duration: 5 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

This Oracle Database 19c: RAC Administration Workshop course will teach you about Oracle RAC database architecture. Expert Oracle University instructors will deep dive into Global Resources and Cache Fusion.

Learn To:

- Install and configure RAC
- Manage RAC Database
- Upgrade and patch RAC Database
- Manage backup and recovery for RAC
- Monitor and tune RAC Database
- Manage high availability of services
- Implement High Availability for connections and applications
- Configure RAC One Node Database
- Implement In-Memory Column Store in RAC
- Configure Multitenant Architecture in RAC
- Manage Quality of Service in RAC

SKILLS COVERED

Upon completion of this course, you should be able to:

- Install and configure RAC
- Manage RAC Database
- Upgrade and patch RAC Database
- Manage backup and recovery for RAC
- Monitor and tune RAC Database
- Manage high availability of services

- Implement High Availability for connections and applications
- Configure RAC One Node Database
- Implement In-Memory Column Store in RAC
- Configure Multitenant Architecture in RAC
- Manage Quality of Service in RAC

WHO SHOULD ATTEND?

This Oracle Database 19c RAC and Grid Infrastructure Administration course is designed for experienced database administrators who are required to plan, implement and administer Oracle 12cR2,18c or 19c Real Application Clusters configurations for Oracle databases.

PREREQUISITES

- A good working knowledge of Oracle Database Administration is required. These skills can be obtained by attendance on the pre-requisite Administration and Backup and Recovery courses.
- This course is run on a Linux operating system, a good working knowledge of UNIX/Linux is required. This knowledge can be gained by attendance on the pre-requisite Linux Introduction course.

MODULES

Module 1: ORACLE REAL APPLICATION CLUSTERS OVERVIEW

- Overview of Oracle RAC
- Oracle RAC Features
- Oracle RAC Technology Hierarchy
- Oracle RAC Capabilities
- Oracle RAC Components
- Oracle RAC One Node Overview
- Benefits of using RAC
- Tools for Installing,Configuring and Managing Oracle RAC

**Module 2: ORACLE GRID INFRASTRUCTURE
OVERVIEW**

- Cluster Overview
- Flex Cluster Overview
- Grid Foundation Components and Architecture
- Oracle Clusterware Components and RAC
- Oracle Clusterware Software and Storage
- Oracle Storage Subsystems
- File Types used by a RAC Database
- Methods used to Share Database Files across a Cluster
- RAC Multitenant Database
- ASM Architecture
- Create and Manage ASM Disks Groups
- Create and Manage ASM Cluster Filesystems
- An Overview of RAC Services
- Network Requirements and Configuration
- Single Client Access Names
- Overview of Grid Plug and Play
- Buffer Cache Fusion Processing

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