

Oracle Database Appliance Release 18c

Course Duration: 16 Hours

Course Code: ODA18C

1. Course Overview

The Oracle Database Appliance (ODA) Release 18c course provides participants with the knowledge and skills required to deploy, configure, manage, and maintain Oracle Database on the ODA platform. This hands-on training covers hardware and software configuration, system administration, backup and recovery, monitoring, and troubleshooting of ODA systems. Learners will gain practical insights into streamlining database deployments, ensuring high availability, and reducing IT complexity with Oracle's engineered systems.

2. What You'll Learn?

By the end of this course, you will be able to:

- Understand the architecture and components of Oracle Database Appliance Release 18c.
- Perform ODA deployment and configuration.
- Manage databases and Oracle Grid Infrastructure on ODA.
- Configure storage, networking, and system resources.
- Implement backup, recovery, and disaster recovery strategies.
- Monitor performance and troubleshoot issues effectively.
- Apply best practices for administration and lifecycle management of ODA systems.

3. Target Audience

This course is ideal for:

- Database Administrators (DBAs)
- System Administrators
- Cloud and Infrastructure Engineers
- IT Professionals responsible for database deployment and maintenance
- Professionals aiming to enhance their expertise in Oracle Engineered Systems

4. Pre-Requisites

Participants should have:

- Basic knowledge of Oracle Database architecture and administration
- Understanding of networking, storage, and system concepts
- Prior experience with Oracle Grid Infrastructure is recommended but not mandatory

5. Course Content

Module 1: Introduction to Oracle Database Appliance (ODA)

- Overview of Oracle Engineered Systems
- ODA features and benefits
- Hardware and software components

Module 2: ODA Deployment and Configuration

- Deployment planning and preparation
- Appliance Manager configuration
- Initial setup and patching

Module 3: Database Management on ODA

- Creating and managing databases
- Oracle Grid Infrastructure overview
- Storage management

Module 4: Networking and System Administration

- Configuring networking on ODA
- Managing users and resources
- High Availability concepts

Module 5: Backup and Recovery

- Backup strategies with ODA
- Recovery processes and disaster recovery
- Oracle Data Guard integration

Module 6: Monitoring and Troubleshooting

- Performance monitoring tools
- Log analysis and diagnostic utilities
- Troubleshooting common ODA issues

Module 7: Lifecycle Management and Best Practices

- Patching and updates
- Security considerations
- ODA best practices for administrators