Training Course on Oracle Cloud DBA: Upgrading from DBA to Cloud DBA

Professional Development Training Course Outline

Category	Information Technology	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today's rapidly evolving tech landscape, traditional database administrators (DBAs) are transitioning into more agile, cloud-based roles. Training Course on Oracle Cloud DBA – Upgrading from DBA to Cloud DBA is designed to empower professionals with cutting-edge cloud computing skills, enabling them to efficiently manage, secure, and optimize Oracle databases in cloud environments. With Oracle Cloud Infrastructure (OCI) becoming a leading platform for enterprise solutions, learning how to navigate Oracle Autonomous Database, cloud-native architecture, and cloud migration tools is critical for career growth.

This comprehensive, hands-on training bridges the gap between traditional DBA responsibilities and modern cloud database administration. Learners will acquire practical knowledge in Oracle Cloud Infrastructure, automation, performance tuning, security compliance, and high availability in cloud platforms. By the end of the course, participants will be prepared to handle real-time cloud database operations with confidence, transforming into certified Oracle Cloud DBAs ready for today’s digital-first organizations.

Programme Curriculum

Training Course on Oracle Cloud DBA: Upgrading from DBA to Cloud DBA

Introduction

In today's rapidly evolving tech landscape, traditional database administrators (DBAs) are transitioning into more agile, cloud-based roles. Training Course on Oracle Cloud DBA – Upgrading from DBA to Cloud DBA is designed to empower professionals with cutting-edge cloud computing skills, enabling them to efficiently manage, secure, and optimize Oracle databases in

cloud environments. With Oracle Cloud Infrastructure (OCI) becoming a leading platform for enterprise solutions, learning how to navigate Oracle Autonomous Database, cloud-native architecture, and cloud migration tools is critical for career growth.

This comprehensive, hands-on training bridges the gap between traditional DBA responsibilities and modern cloud database administration. Learners will acquire practical knowledge in Oracle Cloud Infrastructure, automation, performance tuning, security compliance, and high availability in cloud platforms. By the end of the course, participants will be prepared to handle real-time cloud database operations with confidence, transforming into certified Oracle Cloud DBAs ready for today's digital-first organizations.

Course Objectives

1. Understand Oracle Cloud Infrastructure (OCI) and its core services.
2. Learn how to provision and manage Oracle Autonomous Databases.
3. Master database migration using Oracle Zero Downtime Migration (ZDM).
4. Automate tasks with Oracle Cloud automation tools.
5. Optimize cloud database performance with real-time monitoring tools.
6. Apply best practices in cloud database backup and disaster recovery.
7. Secure Oracle databases with Identity and Access Management (IAM).
8. Integrate DevOps with cloud-based Oracle solutions.
9. Deploy and manage multi-tenant architecture in the cloud.
10. Implement cost-optimization strategies for cloud DBAs.
11. Analyze real-world case studies on Oracle Cloud migration.
12. Prepare for Oracle Cloud DBA Certification exams.
13. Transition seamlessly from on-premise DBA to Cloud DBA roles.

Target Audience

1. Traditional Oracle DBAs seeking cloud transition
2. IT professionals exploring Oracle Cloud careers
3. System administrators with DBA responsibilities
4. Database architects planning cloud migrations
5. DevOps engineers integrating database services
6. Technical leads overseeing data infrastructure
7. Cloud engineers upgrading skill sets
8. Students pursuing Oracle cloud certification

Course Duration:

- 5 days

Course Modules

Module 1: Introduction to Oracle Cloud Infrastructure (OCI)

- Overview of OCI services and regions
- Key OCI components and architecture
- Navigating OCI Console and CLI
- Virtual Cloud Network (VCN) setup
- Identity and Access Management basics

Module 2: Oracle Autonomous Database Essentials

- Provisioning autonomous databases
- Managing compute and storage
- Monitoring and scaling options
- Lifecycle management and automation
- Licensing and usage optimization

Module 3: Cloud Database Migration Tools

- Introduction to Oracle ZDM
- Using Data Pump for cloud migration
- GoldenGate for live replication
- Pre-migration checks and strategy
- Testing post-migration performance

Module 4: Database Security in Oracle Cloud

- IAM roles and policies
- Data encryption and masking
- Securing endpoints and network access
- Compliance with industry standards
- Auditing and monitoring

Module 5: Performance Tuning and Monitoring

- Monitoring tools in OCI
- Autonomous Health Framework
- SQL tuning in cloud environments
- Resource scaling and optimization
- Load balancing best practices

Module 6: Backup and Disaster Recovery in Cloud

- Backup strategies in Oracle Cloud
- Recovery Service overview
- Configuring cross-region backups
- Automating DR procedures
- Ensuring data integrity in DR

Module 7: Automation and DevOps Integration

- Using Terraform with OCI

- Automating DB tasks using OCI CLI
- CI/CD pipelines for database changes
- Scripting with Python and shell
- Integrating with Kubernetes and containers

Module 8: Preparing for Oracle Cloud DBA Certification

- Overview of Oracle Cloud certifications
- Exam format and preparation tips
- Practice questions and mock exams
- Case study analysis and walkthroughs
- Final capstone project

Training Methodology:

- **Interactive Lectures** – Provide foundational knowledge and theoretical context through engaging, instructor-led sessions.
- **Live Cloud Lab Sessions** – Offer real-time, guided practice in a simulated cloud environment to build technical proficiency.
- **Real-World Case Studies** – Present actual industry scenarios to help learners apply concepts to practical challenges.
- **Hands-On Projects** – Reinforce learning by allowing participants to design and implement solutions in realistic settings.
- **Practice Exams** – Prepare learners for certification and real-world testing through simulated assessments.
- **Mentorship Support** – Ensure personalized guidance and career advice from experienced cloud database administrators.
- **Blended Learning Approach** – Combine online and instructor-led methods to create a flexible, engaging learning experience.
- **Job-Ready Skill Development** – Focus on practical skills that directly align with the demands of cloud DBA roles.
- **Collaborative Learning** – Encourage peer-to-peer interaction and group activities to foster teamwork and shared insights.

- **Continuous Feedback and Evaluation** – Provide regular assessments and instructor feedback to guide improvement and track progress.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com