

Oracle Cloud Infrastructure Architect

Professional Workshop Course

Course Duration: 40 Hrs.

Course code: OCI-APW

Course Overview

The Oracle Cloud Infrastructure (OCI) Architect Professional Workshop Course is designed for advanced cloud professionals who want to deepen their expertise in architecting enterprise solutions on Oracle Cloud. This workshop provides hands-on experience in designing, deploying, and managing OCI services while aligning them with organizational needs. The course emphasizes best practices, advanced architecture, governance, performance optimization, and cost management to prepare participants for complex cloud environments.

What you'll learn?

By the end of this course, participants will:

- Master advanced OCI architecture concepts and deployment models.
- Learn to design scalable, highly available, and secure cloud solutions.
- Apply governance, security, and compliance best practices in OCI.
- Optimize performance and manage costs effectively within cloud environments.
- Gain practical skills through hands-on labs and real-world case studies.
- Be fully prepared for the Oracle Cloud Infrastructure Architect Professional Certification Exam.

Target Audience

This course is best suited for:

- Cloud architects and senior IT professionals.
- Solution architects working on complex enterprise cloud deployments.
- Technical consultants and system administrators are experienced in OCI.
- Professionals preparing for the OCI Architect Professional certification.

Pre-Requisites

Participants should have:

- Completed the Oracle Cloud Infrastructure Architect Associate certification or equivalent knowledge.
- Hands-on experience with OCI core services (compute, networking, storage, database).
- Basic understanding of enterprise IT architecture, cloud migration, and security concepts.

Course Content

Module 1: Advanced OCI Architectural Principles

- Review of OCI core services and advanced architecture design.
- Multi-cloud and hybrid architecture strategies.

Module 2: Security, Governance & Compliance

- Identity and access management at scale.
- Security zones, data encryption, and governance models.

Module 3: High Availability and Disaster Recovery

- Designing resilient architecture.
- Backup, recovery, and failover strategies.

Module 4: Performance Optimization

- Optimizing computer, networking, and database performance.
- Monitoring and tuning workloads.

Module 5: Cost Management & Billing Strategies

- Cost analysis tools and budgeting.
- Designing cost-effective OCI solutions.

Module 6: Case Studies & Hands-on Labs

- Real-world architecture design challenges.
- Practical implementation of OCI professional-level solutions.

