
Oracle Cloud Infrastructure Architect Professional Workshop

This course will help you gain strong knowledge in architecting infrastructure using Oracle Cloud Infrastructure services. It will provide you hands-on experience in working with core OCI service.

Building on your skills obtained from the Oracle Cloud Infrastructure Architect Associate Workshop course, explore deeper into the Oracle Cloud Infrastructure services to design and implement a secure and scalable cloud solution that meets HA and DR requirements.

Design secure networks with disaster recovery options, explore advanced database features on OCI, N-Tier Applications, Microservices, and Serverless Architecture. Also explore the gamut of new services and features on OCI such as:

- Kubernetes Networking with OKE
- Functions
- Budgets Quotas
- Resource Manager
- OS Management Service
- OCI API, SDK, & CLI
- Monitoring, Observability and Alerting in OCI
- Tagging in OCI
- Traffic Management
- Access to Microsoft Azure
- Migrate On-Premises Workloads to OCI
- OCI Vaults
- Edge Services, Web Application Firewall

This course will help you prepare for the Oracle Cloud Infrastructure 2021 Architect Professional (1Z0-997-21) certification exam.

Objectives

- Make architectural decisions based on OCI best practices and principles
- Design highly available, secure networks with disaster recovery options using advanced features of OCI services
- Explore and leverage multiple ways of connecting to cloud networks based on security and performance requirements
- Database Sizing/Capacity Planning for Performance
- Oracle Database Cloud Migration Solutions
- Understand Metrics, Alarms, monitoring query language
- Creating a K8s cluster in OCI using quickstart

Topics

- Course Introduction
- Oracle Cloud Free Tier Account
- OCI Architect Associate Refresher
- Cloud-Native, Microservices, and Serverless Architecture
- Design Scalable and Elastic Solutions for HA & DR
- Deliver Infrastructure-as-code
- Oracle Database Cloud Service
- Oracle Autonomous Database
- Design for Hybrid Cloud Architecture
- Migrate On-Premises Workloads to OCI
- Design for Security and Compliance
- Real-World Architectures