

# Oracle Cloud Infrastructure Architect Associate

**Course Duration: 40 Hours**

**Course Code: 1Z0-1072**

## 1. Course Overview

The Oracle Cloud Infrastructure (OCI) Architect Associate course is designed to help learners build expertise in designing and implementing cloud solutions using Oracle Cloud Infrastructure. This course provides hands-on experience with OCI services such as compute, storage, networking, databases, and identity management. By the end of the training, participants will gain the knowledge required to architect secure, scalable, and cost-effective cloud solutions on OCI.

## 2. What You'll Learn?

- Understand Oracle Cloud Infrastructure concepts, architecture, and services.
- Design highly available and secure cloud solutions on OCI.
- Manage compute instances, storage solutions, and virtual networks.
- Configure Identity and Access Management (IAM) for secure environments.
- Implement database solutions and disaster recovery strategies.
- Optimize performance, cost, and governance in OCI environments.
- Prepare for the **Oracle Cloud Infrastructure Architect Associate Certification Exam**.

## 3. Target Audience

This course is ideal for:

- Cloud Architects and IT Professionals.
- Solution Architects working with Oracle Cloud.
- System Administrators and Database Administrators.
- Professionals preparing for OCI Architect Associate certification.
- Anyone seeking to build a career in Oracle Cloud Infrastructure.

## 4. Pre-Requisites

- Basic knowledge of cloud computing concepts.
- Familiarity with networking, storage, and databases.
- Prior experience with IT infrastructure or cloud platforms is recommended but not mandatory.

## 5. Course Content

**Module 1:** Introduction to Oracle Cloud Infrastructure

**Module 2:** OCI Identity and Access Management (IAM)

**Module 3:** Networking in Oracle Cloud Infrastructure

**Module 4:** Compute Services and Block Storage

**Module 5:** Object Storage and File Storage Services

**Module 6:** Database Services in OCI

**Module 7:** Designing for High Availability and Disaster Recovery

**Module 8:** Security, Monitoring, and Governance in OCI

**Module 9:** Cost Management and Optimization

**Module 10:** Exam Preparation & Best Practices

