

Oracle Cloud Infrastructure Developer Professional: Hands-on Workshop

Course Outline:

Module 1: Introduction to Oracle Cloud Infrastructure (OCI)

- Overview of OCI
- OCI Architecture and Components
- OCI Services
- OCI Regions

Module 2: OCI Compute

- Creating and Managing Compute Instances
- Using Compute Images
- Creating and Managing Instance Configurations
- Launching Instances

Module 3: OCI Networking

- Creating and Managing Virtual Cloud Networks (VCNs)
- Understanding Subnets
- Creating and Managing Load Balancers
- Creating and Managing Security Lists

Module 4: OCI Storage

- OCI Storage Services
- Block Volumes and Object Storage
- Creating and Managing Storage Volumes

Module 5: OCI Identity and Access Management (IAM)

- Managing IAM Users and Groups
- Configuring IAM Policies
- Integrating IAM with OCI Services
- Understanding Authentication and Authorization in OCI

Module 6: Application Deployment on OCI

- Deploying Applications on OCI
- Using OCI Developer Tools
- Using DevOps Tools on OCI

- Managing and Monitoring Applications on OCI

Module 7: Advanced OCI Concepts

- OCI Container Engine for Kubernetes
- Using Serverless Computing on OCI
- Understanding and Using OCI Marketplace

Module 8: Best Practices for OCI

- Security Best Practices
- Optimization Best Practices
- Cost Optimization Best Practices
- Disaster Recovery Best Practices