Learnomate Technologies is the Information technology company which provide training on different IT Technologies.

Out of that **Oracle Cloud** is the one of the fastest growing technology.

Oracle Cloud is essential to grow up career in Oracle DBA.

Oracle Cloud is a cloud computing service offered by Oracle Corporation providing servers, storage, network, applications and services through a global network of Oracle Corporation managed data centers.

Who is this course for?

This course is designed for those who want to enter into Cloud or having experience in Infrastructure and ready to move into Oracle Cloud Infrastructure. What you'll learn in this OCI Training?

- All OCI concepts required for OCI Architect Associate & Professional Certification Exams.
- Learn Cloud Computing Concepts and OCI Architecture Hands On from OCI Industry Expert.
- Master OCI key services like Identity and Access Management (IAM), Compute, Storage etc.
- Build expertise in OCI Core Services Networking, Database, Load Balancer, Security etc.
- Hands on deployment of wide variety of applications in Cloud
- Configure OCI Core Services for Real Time Use Cases
- OCI Messaging/Notification Service, Tagging, Resource Manager, and Cost Management
- Provide guidance for OCI Architect Associate and Professional Certification Exams
- Provide support in Resume and Interview Preparation

What can you do after this Training?

- Oracle Cloud Infrastructure 2022 Foundations Associate (Exam Number: 1Z0-1085-23)
- Oracle Cloud Infrastructure 2022 Architect Associate (Exam Number: 1Z0-1072-23)
- Architect your application on Oracle Cloud Infrastructure (OCI

Oracle Cloud SYLLABUS KEY POINTS

Module 1: Introduction to Cloud Computing
- What is Cloud Computing
- Service Models and Types of cloud
- Cloud Providers
- Cloud Terminology
- How Cloud Computing converts CAPITAL EXPENDITURE to OPERATIONAL EXPENDITURE?

Module 2: Oracle Cloud Infrastructure Architecture
- Why OCI?
- OCI Global Footprint
- OCI Architecture – Regions, Availability Domains (AD) and Fault Domains (FD)
- OCI Regions with one AD regions
- What factors to consider while choosing a region?
- How to avoid single points of failure?
- How to design High Availability, Scale and Performance Network with in AD
- OCI Services Overview
- High level overview of the course content

Module 3: Oracle Cloud Account Sign Up Process & OCI Console Overview
- Oracle Cloud Account Sign Up Process for Free Tier Account
- Oracle Cloud Infrastructure Console Overview

Module 4: Identity and Access Management (IAM)
- Identity and Access Management Principals, Users and Groups
- Authentication and Authorization in IAM
- IAM Policies, Policy Syntax and Verbs & Permissions
- IAM Common Policies, Advanced IAM Policies & Advanced Policy Syntax
- IAM Compartments, Policy Inheritance and Attachment for Compartments
- Moving Compartments and Policy Implications to consider while moving Compartments
- Understand how to use Tags and Audit Service effectively

The image shows a comic strip.

Module 5: Virtual Cloud Network (VCN
- Introduction to Networking Concepts
- CIDR Basics
- Introduction to Virtual Cloud Network
- IP Address range for VCN, Public and Private IP Addresses
- Subnets, Gateways and Route Tables
- Internet, NAT, Service, Dynamic Gateways
- Peering, Local and Remote Peering
- Transit Routing, Hub and Spoke & private access
- Security List (SL) and Network Security Group (NSG)
- Stateful and Stateless Security Rules
- Virtual Cloud Network Summary

Module 6: OCI Load Balancer
- Introduction to OCI Load Balancing Service
- Public and Private Load Balancer
- Regional Subnets and AD Specific Subnets
- Load Balancing Policies and Health Checks

Module 7: OCI Compute Service
- Introduction to OCI Compute Service
- Bare Metal, VM and Dedicated Hosts
- Machine Images, Custom Images and Oracle Provided Images
- Image Import/Export, Bring your own Image (BYOI)
- Custom Boot Volume, Custom Image versus Boot Volume Backup
- Instance Configurations, Pools, Autoscaling
- Autoscaling Configurations
- Instance Metadata
- Instance Lifecycle
- OCI Compute Service Summary

Module 8: Object Storage
- Introduction to OCI Storage Services
- Object Storage Service
- Use cases for Object Storage usage
- Object Naming
- Object Storage Tiers and Capabilities
- Object Storage Access and Authentication
- Object lifecycle management
- Copying objects from one region to another
- Object Storage Summary

Module 9: Block & Boot Volumes
- Introduction to OCI Storage Services
- Block Volume Service
- Creating and Attaching Block Volumes
- Detaching and Deleting Block Volumes
- Block Volume Resize, Back Up and Restoration
- Clone, Volume Groups & Boot Volumes

Module 10: File Storage Service
- Introduction to OCI Storage Services
- File Storage Service Use Cases
- File Storage service Features
- Mount Target
- File System, FSS Paths, Mounting an OCI File System
- File Storage Service Security
- Security Lists, Export Option and Snapshots

Module 11: Databases
- Introduction to OCI Database Service
- Virtual Machine (VM) Database (DB) Systems
- VM DB Systems Storage Architecture
- Bare Metal DB Systems
- Bare Metal DB Systems Storage Architecture
- Exadata DB Systems - Theory
- Exadata DB Systems Storage Architecture - Theory
- DB Systems – VM, BM, Exadata
- Database Editions, Versions and Options

- Managing & Patching DB Systems
- Patching DB Systems
- Automatic Backup and Restore
- High Availability and Scalability
- Oracle Data Guard

Module 12: Autonomous Databases
- Introduction to OCI Database Service
- Autonomous Database Options
- Autonomous Database Cloud Deployment Options
- Autonomous Database – Fully-Managed and Serverless
- Automated Tuning in Autonomous Database
- Autonomous Data Warehouse: Architecture
- Autonomous Transaction Processing: Architecture
- Getting Started with Autonomous Database
- Auto Scaling & Securing Autonomous Database (ADB)
- Connecting to ADB & troubleshooting connectivity issues
- Scaling Your Database & Monitoring
- Autonomous Database (ADB) Cloud – Backup and recovery
- Autonomous Database Cloud – Cloning

Module 13: High Availability and Disaster Recovery
- Introduction to High Availability Concepts
- Availability Domains & Fault Domains
- Avoid Single Points-of-Failure
- Regional and AD Specific Subnets
- High Availability for OCI: Connectivity
- Configure Load Balancer for High Availability

Module 14: Cost Management with Budgets and Quotas
- Create and Access OCI Budgets
- Set up Budgets Alert Emails
- Accessing Usage Reports
- Service Limits and Usage
- Compartment Quotas
- Quota Policies with Examples
- Cost Management Best Practices

Module 15: OCI Monitoring and Notification Service

- Introduction to OCI Monitoring Service
- Metrics, Metric Queries & Alarms
- Use cases for OCI Monitoring Service
- Introduction to OCI Notification Service
- OCI Notifications Use Cases

Module 16: Tagging in OCI

- Why do I need tags?
- Tags Details & Tag Namespace
- Searching and Securing Tags
- Automating Tag Application
- Working with Defined Tags
- Defined Tags Work with Policies

Module 17: Guidance on Certification and Resume Preparation, Interview and Job Assistance

- Explain certification options available in OCI
- Provide tips on how to clear for OCI Architect Associate & Professional Certification
- Help with Resume Preparation as OCI Infrastructure Specialist
- Discuss common interview questions in OCI

Labs:

- How to create Oracle Cloud tenancy
- How to create compartments
- Creation of IAM users and groups
- How to create and update policies
- How to create complex IAM policies
- How to create and use tags
- How to setup up VCN and Subnets
- How to create different gateways
- How to create and use Route Tables
- How to create LPG and RP
- How to create Security List, Ports and NSG
- How to create Load Balancer
- How to launch Virtual machines in OCI
- How to create custom Images of Virtual machines
- How to autoscale Virtual machines
- How to create Object Storage
- How to create Block and Boot Volumes
- How to attach/detach Volumes
- How to resize / clones volumes
- How to create snapshots of File storage
- How to launch and access Database on OCI
- How to create database backups
- How to create clone database
- How to apply patches on database
- How to use Oracle Data Guard
- How to provision and access Autonomous Database
- How to autoscale Autonomous Database
- How to enable Bbackups for Autonomous Database
- How to use Performance Hub of Autonomous Database
- How to clone Autonomous Database
- How to do cost management in OCI
- How to setup budgets in OCI
- How to do install OCI CLI and execute commands
- How to do enable notifications 35. How to monitor OCI resources
- How to deploy Weblogic on OC

TRAINING HIGHLIGHTS

- **Online Training available**
- **All sessions are practical based**
- **Recording Access shared to students**
- **Job Assistance**
- **Resume Preparation**
- **Dedicated Support Team to solve issues**

COURSE DETAILS

- **Trainer: Mrs. Mohit Sir**
- **Duration: 1.5 Months**
- **Fees: Rs. 24999 [399$ USD]**

CONTACT DETAILS

If you required any further information, please fill free to contact us.

Learnomate Technologies Pvt. Ltd
(Sai Luxuria, Office No 15, 3rd Floor,Bhumkar Chowk,
 Wakad, Pune, Maharashtra, 411057 India)

Learnomate HR Team Contact Details:

Call/WhatsApp: +91 7757062955
                    +91 7822917585
Email: info@learnomate.org