

# Oracle Coherence Cloud Fundamentals Ed 1

Application Development Learning Subscription

DURATION

**1 Days**

MODULES

**4 Lectures**

COURSE CODE

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## Course Overview

Oracle Coherence Cloud offers the capabilities of Oracle Coherence in the Oracle Cloud Infrastructure Environment. Start your learning journey by exploring the capabilities and architecture of Coherence Cloud. Learn to provision Coherence Cluster in a private and public subnet. You will also learn to seamlessly manage and scale a Coherence Cluster.

## What You Will Learn

### Get Started with Oracle Coherence Cloud

- Objectives
- Introduction to OCI Networking
- Introduction to OCI Networking: VCN
- Introduction to OCI Networking: Subnet
- Introduction to OCI Networking: Clusters
- What Is Oracle Coherence Cloud?
- Basic Concepts of Coherence
- Capabilities of Coherence Cloud
- Capabilities of Coherence: Read/Write Caching
- Capabilities of Coherence: Querying the Cache
- Capabilities of Coherence: Invocation Service
- Capabilities of Coherence: Event Programming
- Capabilities of Coherence: Transactions
- Capabilities of Coherence: HTTP Session Management
- Capabilities of Coherence: ORM Integration
- Capabilities of Coherence: Management & Monitoring
- Prerequisites for Oracle Coherence Cloud
- Architecture of Oracle Coherence Cloud
- Architecture—Marketplace
- Architecture—Resource Manager
- Architecture—Compute

- Virtual Cloud Network
- Summary
- Practice 1: Get Started with Oracle Coherence Cloud

## Create a Cluster with Oracle Coherence Cloud

- Objectives
- Create an SSH Key
- Create a Coherence Cluster in a Public Subnet
- Create a Coherence Cluster in a Private Subnet
- View the Cloud Resources for a Cluster
- Summary
- Practice 2: Create a Cluster with Oracle Coherence Cloud

## Managing a Cluster in the Oracle Coherence Cloud

- Objectives
- Access Cluster Services
- Delete a Cluster
- Summary
- Practice 3: Managing a Cluster in the Oracle Coherence Cloud

## Scale Out a Coherence Cluster

- Objectives
- Scale Out a Coherence Cluster
- Prerequisites
- Launch a Second Stack
- Modify the Operational Override File
- Verify That the Cluster Is Scaled Out
- Summary
- Practice 4: Scale Out a Coherence Cluster