Oracle Cloud

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 centres.

Table of content:

Introduction

- Autoscaling Compute
- Virtual NICs

Networking

- Networking Intro
- Overview
- Understanding CIDR Notation
- Subnets and CIDRs
- Public versus Private Subnets
- DNS in OCI
- Understanding DNS Names
- Securing a VCN
- Security Rules
- Stateful versus Stateless Rules
- Writing a Security Rule
- Security Groups and Security Lists
- Routing Network Traffic
- Routing Examples
- Routing Traffic to the Internet
- Internet Gateway
- NAT Gateway
- How NAT Works
- Private network access to OCI Services
- Service Gateway

Block Storage

- Block Storage Overview
- Block Volume Pricing
- Types of Volumes
- Block Volume Lifecycle
- Performance
- Attaching Volumes to Compute
- Volume Backups
- Cloning a Volume
- Managing Volumes as a Group
- Monitoring Usage

Object Storage

- Object Storage Overview
- Object Storage Resources
- Buckets
- Accessing Object Storage Resources
- Object Versioning
- Object Lifecycle Management
- Encryption
- Pre-authenticated Requests
- Access Management Policies

OCI Load Balancer

- LBaaS Overview
- Public and Private Load Balancers
- Scalable Bandwidth
- Load Balancer Components
- SSL
- Routing HTTP Requests
- HTTP Traffic Rules

OCI Identity and Access Management

- IAM Overview
- Compartments
- IAM Policies
- Policy Examples
- Root Compartment
- Development
- Conditional Statements
- Users and Groups
- Types of OCI Credentials