Oracle Cloud Infrastructure 2018   
Certified Associate Architect

Exam Topics

To successfully prepare for the 1Z0-932 - Oracle Cloud Solutions Infrastructure 2018 Associate Architect certification, in addition to content covered in the Oracle Cloud Infrastructure Cloud Learning Subscription, you should have hands-on job or industry experience in architecting or implementing cloud infrastructures, or equivalent practice in labs or test environments

**Getting Started with Oracle Cloud Infrastructure (OCI)**

* Describe the key features and components of OCI
* Explain OCI concepts and terminology

**Working with the Identity and Access Management (IAM) Service**

* Understand IAM concepts
* Explain resource locations
* Create compartments, users, groups and policies
* Locate and view resource identifiers

**Creating a Virtual Cloud Network (VCN)**

* Explain networking concepts and terminology
* Describe a VCN and its components
* Create a VCN in OCI

**Launching Bare Metal and Virtual Compute Instances**

* Describe the components of Compute service, including shapes, images, and custom images
* Create and manage a Compute Virtual Machine (VM) instance

**Creating and Managing Block Storage Volumes**

* Explain the difference between block storage and object storage
* Use and manage block storage volumes

**Creating and Managing Object Storage**

* Describe the features and components of object storage
* Create and manage buckets and objects

**Instantiating a Load Balancer**

* Discuss Load Balancer terminology and concepts
* Set up a Load Balancer

**Setting Up a Domain Name System (DNS)**

* Discuss DNS concepts
* Describe the features and benefits of setting up DNS in OCI
* Create and manage DNS records

**Launching a Database Instance**

* Describe the features, benefits, and use cases of the Database service
* Create and manage a Database instance

**Advanced Database**

* Use advanced database features, such as Dataguard, BYOL, Data encryption, RAC, and EXADATA
* Migrate Database to Cloud

**Advanced Networking Concepts**

* Manage your cloud network components, such as Virtual Private Network (VPN), Fast Connect, Multiple vNICs, and IP addresses
* Evaluate the different options of connecting to the Internet

**DevOps**

* Use Terraform, Oracle Cloud Infrastructure CLI, and the Software Development Kit (SDK)
* Configure Terraform, Oracle Cloud Infrastructure CLI, and the Software Development Kit (SDK)

**Advanced Identity and Access Management (IAM)**

* Design federation with various identity providers
* Create instance principals with Dynamic Groups (DG)

**Architecting Best Practices**

* Architect High Availability (HA) using OCI
* Architect Disaster Recovery (DR) using OCI
* Design for Security using OCI
* Identify use cases for OCI, OCIC, and Cloud at Customer (C@C)