

Oracle Cloud Solutions Infrastructure

# Oracle Cloud Infrastructure Developer 2020 Associate

Exam Number: 1Z0-1084-20

## Oracle Cloud Infrastructure Developer 2020 Associate | 1Z0-1084-20

This exam comes under the [Cloud Recertification policy](#)

### Exam Details

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**Exam Title:** Oracle Cloud Infrastructure Developer  
2020 Associate

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**Exam  
Number:** 1Z0-1084-20

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**Exam Price:** \$150

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**Format:** Multiple Choice

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**Duration:** 105 Minutes

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**Number of  
Questions:** 60

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**Passing Score:** 70%

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**Validated  
Against:** This Exam has been validated against  
Oracle Cloud Infrastructure 2020

## Associated Certification Paths

Passing this exam is required to earn these certifications. Select each certification title below to view full requirements.

[Oracle Cloud Infrastructure Developer 2020 Certified Associate](#)

### Exam Preparation

#### Recommended Training

Take Recommended Training Courses

Complete one of the courses below to prepare for your exam (optional):

[Oracle Cloud Infrastructure Learning Subscription](#)

#### Additional Preparation and Information

A combination of Oracle training and hands-on experience (attained via labs and/or field experience) provides the best preparation for passing the exam.

#### Review Exam Topics

##### *Developing a high available, highly scalable & secure cloud native application*

- Develop high performing applications & API
- Develop a serverless application
- Develop a secure application
- Manage application persistence
- Develop application using OCI Developer tools, such as, APIs, SDKs and CLI

##### *Deploying a cloud native application*

- Deploy the code using existing CI/CD pipeline on OCI
- Deploy a serverless application
- Manage & store the application code runtimes
- Manage the deployment strategy such as blue/green, canary, rolling upgrade
- Deploy an application on Oracle Kubernetes Engine
- Deploy and manage autonomous database for application persistence
- Deploy the base infrastructure using Resource Manager

##### *Security*

- Make authenticated API calls to OCI
- Use Encryption in Application Deployment
- Use IAM for Authentication and Authorization
- Use 3rd party tools for secret management

### *Logging, Monitoring and Alerting*

- Develop applications such a way that uses the logging service & send metrics to telemetry service
- Enable logging for OCI services such as Events, Object Storage, Oracle Function
- Enable compute resources for monitoring
- Monitor the application metrics in Telemetry Dashboard

### *Application Modernization on OCI*

- Lift & Shift existing application on OCI
- Craft new Microservices based on Microservices design pattern such as Circuit Breaker, Bulkhead Pattern, API Gateway etc.

## ***Register for this exam***

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- Use your Pearson VUE username and password to log in.
- Click Proctored Exam.
- Type the name of the exam you have chosen and click Go.
- Select how you want to take the exam and follow the prompts.
- Based on the Cloud Recertification policy, your certification is valid for 18 months from date certified. [Read the full policy.](#)