

Oracle Cloud Infrastructure (OCI) Developer Associate exam 2020 (1Z0-1084-20) Study Guide

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Introduction

The Oracle Cloud Infrastructure Developer Associate Certification provides the candidate with the ability to design and architect cloud native applications on Oracle Cloud Infrastructure. The certification is intended for developers who are looking to validate their understanding of Oracle Cloud Infrastructure services and develop applications using cloud native services.

Certification Details

- **Certification Name:** Oracle Cloud Infrastructure Developer 2020 Associate | 1Z0-1084-20
- **Target Audience:** Designed for developers looking to design and develop cloud based applications
- **Platform:** Available on Oracle University and delivered via Pearson VUE
- **Exam Duration:** 85 minutes
- **Number of Questions:** 55
- **Exam Cost:** \$150 (25% discount on this list price if you are OPN (Oracle Partner Network) and have the OPN number with you while registering for the exam)
- **Passing Score:** 70%

Certification Benefits

- Validate your foundational understanding of cloud computing
- Understand key components and services of Oracle Cloud Infrastructure
- Design, architect, and develop cloud native applications
- Establish industry credibility in cloud native technologies and share your capabilities with a digital badge



Exam Topics

This exam is revised regularly to align with training and service release updates. The following table lists the exam objectives, followed by concepts that may be tested in this section.

#	Objective
1	Cloud Native Fundamentals
1.1	Distributed Computing
1.2	Microservices vs. Containers vs. Functions
1.3	Understanding of Serverless Computing
1.4	Service Communication Patterns
2	Developing Cloud Native Applications
2.1	Developing Serverless Application with Oracle Functions
2.2	Developing Microservices and applications for OKE
2.3	Using Data in Cloud Native
2.4	Using OCI APIs, SDKs and CLI
3	Securing Cloud Native Applications
3.1	Security challenges with Cloud Native
3.2	Defense-in-depth approach
3.3	Configuration and Secret Management
3.4	Using IAM for authn/authz
4	Testing Cloud Native Applications
4.1	Challenges of testing in Cloud Native world
4.2	Managing multiple environments (dev, test/stage, prod)
5	Operating Cloud Native Applications
5.1	Managing Infrastructure
5.2	Building, deploying and releasing applications
5.3	Monitoring, observability, and alerting

Exam Preparation

To successfully prepare for the 1Z0-1084 Oracle Cloud Infrastructure Developer Associate, it is recommended that you have an understanding of the cloud native applications and methodologies.

Oracle Cloud Infrastructure training is frequently updated to reflect the OCI services. We recommend that you reference the latest documentation to ensure that you have the latest information about the services.

The following resources from Oracle University are available to help you prepare.

- Access the [Oracle Cloud Infrastructure Developer Associate](#) learning path for free
- Review Oracle Cloud Infrastructure [white papers](#), [product documentation](#), and [blogs](#)

Exam Registration Process

Ensure you have a login for Oracle exams delivered through Pearson VUE. To create a login, go to <http://www.pearsonvue.com/oracle>.

To register for the certification exam:

- Go to <http://www.pearsonvue.com/oracle>.
- Select **Sign In** under Oracle on top right.
- Use your Pearson VUE account to log in.
 - Do not create a new account if you cannot remember your old account information; use the Forgot my username or Forgot my password links to recover your information. Creating a new account can create logic issues resulting in certification information not being processed correctly.
- Select **Proctored Exam**.
- Type **1Z0-1084 Oracle Cloud Infrastructure Developer Associate** and select **Go**.
- Select how you want to take the exam and follow the prompts

When you are ready to take your exam, please register with Pearson VUE (<http://www.pearsonvue.com/oracle>). Note that it can take multiple weeks to sit for an exam, so be certain that you register for the exam multiple weeks prior to when you plan to take the exam.

Additionally, you can also take the exam in the comfort of your own home. Please visit here (<http://www.pearsonvue.com/oracle/op>) for more information. Read through this site completely as there are many steps which need to be completed prior to the exam delivery. You will also need Adobe Air installed; you can get the latest version by clicking here (<https://get.adobe.com/air/>). Additionally, some security software programs like Antivirus or Internet Security software can disrupt exam delivery and may need to be temporarily disabled.

Periodically, Oracle offers testing opportunities connected to some of our training events. These tests are delivered using a laptop that you bring. Please verify that the laptop you bring meets the requirements posted here (<http://pearsonvue.com/oracle/ap/proctor.asp>), under **Verify System Requirements → System Requirements**).

Exam Score

After you have taken your exam, you can view your results by visiting CertView:

https://brm-certview.oracle.com/pls/certview/ocp_interface.ocp_admin_report

Oracle Certification Program Candidate Agreement

In order to take your Oracle certification, you will need to agree to the Oracle Certification Program Candidate Agreement. Please review this document by going here:

http://education.oracle.com/education/pdf/ocp_candidate_agreement.pdf

Oracle Certification Program Guidelines

Learn more about Oracle Certification policies by going here:

https://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=138

PLEASE NOTE: As Oracle Cloud Infrastructure content is continually being updated, the 1Z0-1084 Oracle Cloud Infrastructure Developer Associate is continually being updated as well. No announcement or communications are sent regarding the exam update and it is up to you, the exam candidate, to check the exam information page: https://education.oracle.com/midtier/downloads/Oracle_Cloud_Solutions_Infrastructure_1084-20.pdf

BE AWARE: The use of any non-Oracle approved testing material, including copies of test questions (known as “brain-dumps” or “dumps”) are not allowed (see <https://blogs.oracle.com/certification/using-braindumps-is-cheating>) and can lead to the invalidation of your exam score. Please review the [Oracle Certification Candidate Agreement](#) for more information.

Please contact the OCI Enablement Team (oci-enablement_us_grp@oracle.com) with any questions.