



ORACLE 1Z0-1084-23

Oracle Cloud Infrastructure Developer Professional Certification
Questions & Answers

Exam Summary – Syllabus – Questions

1Z0-1084-23

Oracle Cloud Infrastructure 2023 Certified Developer Professional

55 Questions Exam – 65% Cut Score – Duration of 90 minutes

Table of Contents:

Know Your 1Z0-1084-23 Certification Well:.....	2
Oracle 1Z0-1084-23 Cloud Infrastructure Developer Professional Certification Details:	2
1Z0-1084-23 Syllabus:	3
Oracle 1Z0-1084-23 Sample Questions:	4
Study Guide to Crack Oracle Cloud Infrastructure Developer Professional 1Z0-1084-23 Exam:.....	8

Know Your 1Z0-1084-23 Certification Well:

The 1Z0-1084-23 is best suitable for candidates who want to gain knowledge in the Oracle Cloud Infrastructure. Before you start your 1Z0-1084-23 preparation you may struggle to get all the crucial Cloud Infrastructure Developer Professional materials like 1Z0-1084-23 syllabus, sample questions, study guide.

But don't worry the 1Z0-1084-23 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1Z0-1084-23 syllabus?
- How many questions are there in the 1Z0-1084-23 exam?
- Which Practice test would help me to pass the 1Z0-1084-23 exam at the first attempt?

Passing the 1Z0-1084-23 exam makes you Oracle Cloud Infrastructure 2023 Certified Developer Professional. Having the Cloud Infrastructure Developer Professional certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Oracle 1Z0-1084-23 Cloud Infrastructure Developer Professional Certification Details:

Exam Name	Oracle Cloud Infrastructure 2023 Developer Professional
Exam Code	1Z0-1084-23
Exam Price	USD \$245 (Pricing may vary by country or by localized currency)
Duration	90 minutes
Number of Questions	55
Passing Score	65%
Format	Multiple Choice Questions (MCQ)
Recommended Training	Become an OCI Developer Professional (2023)
Schedule Exam	Buy Oracle Training and Certification

Sample Questions	<u>Oracle Cloud Infrastructure 2023 Certified Developer Professional (OCP)</u>
Recommended Practice	<u>1Z0-1084-23 Online Practice Exam</u>

1Z0-1084-23 Syllabus:

Cloud Native Fundamentals (11%)	<ul style="list-style-type: none"> - Explain the fundamentals of cloud-native and discuss the key pillars of cloud-native development - Explain the microservices architecture and discuss the design methodology of microservices
Cloud Native Applications And Containerization (34%)	<ul style="list-style-type: none"> - Explain docker and the concepts around its architecture and components - Use OCIR to pull and push container images - Discuss the role of container orchestration - Develop and deploy containerized applications on OKE - Leverage OCI Service Mesh for Kubernetes Deployment
Leveraging Serverless Technologies for Cloud Native Development (33%)	<ul style="list-style-type: none"> - Develop Serverless Applications with Oracle Functions - Create API gateways to process traffic from API clients and route it to back-end services - Create integration between systems using the OCI streaming service - Build events-driven serverless applications using OCI event service - Facilitate asynchronous messaging for microservices with OCI Queue
Testing and Securing Cloud Native Applications (13%)	<ul style="list-style-type: none"> - Explain cloud-native testing and discuss measures for testing cloud-native applications - Discuss various strategies for testing cloud-native applications - Use OCI Vault service to securely store and manage encryption keys and sensitive configuration information - Apply security measures to overcome challenges with cloud-native development
Monitoring & Troubleshooting Cloud Native Applications (9%)	<ul style="list-style-type: none"> - Utilize OCI Monitoring service to view metrics - Use OCI Logging service to enable, manage, and search logs - Perform Tasks around Monitoring, Logging, and Tracing

Oracle 1Z0-1084-23 Sample Questions:

Question: 1

A programmer is developing a Node.js application which will run in a Linux server on their on-premises data center.

This application will access various Oracle Cloud Infrastructure (OCI) services using OCI SDKs.

What is the secure way to access OCI services with OCI Identity and Access Management (IAM)?

- Create a new OCI IAM user associated with a dynamic group and a policy that grants the desired permissions to OCI services. Add the on-premises Linux server in the dynamic group.
- Create an OCI IAM policy with the appropriate permissions to access the required OCI services and assign the policy to the on-premises Linux server.
- Create a new OCI IAM user, add the user to a group associated with a policy that grants the desired permissions to OCI services. In the on-premises Linux server, add the user name and password to a file used by Node.js authentication.
- Create a new OCI IAM user, add the user to a group associated with a policy that grants the desired permissions to OCI services. In the on-premises Linux server, generate the keypair used for signing API requests and upload the public key to the IAM user.

Answer: d

Question: 2

A service you are deploying to Oracle infrastructure (OCI) Container Engine for Kubernetes (OKE) uses a Docker image from a private repository.

Which configuration is necessary to provide access to this repository from OKE?

- Add a generic secret on the cluster containing your identity credentials. Then specify a registry credentials property in the deployment manifest.
- Create a Docker-registry secret for OCIR with API key credentials on the cluster, and specify the image pull secret property in the application deployment manifest.
- Create a Docker-registry secret for OCIR with identity Auth Token on the cluster, and specify the image pull secret property in the application deployment manifest.
- Create a dynamic group for nodes in the cluster, and a policy that allows the dynamic group to read repositories in the same compartment.

Answer: c

Question: 3

With the volume of communication that can happen between different components in cloud-native applications, it is vital to not only test functionality, but also service resiliency. Which statement is true with regards to service resiliency?

(Choose the best answer.)

- a) Resiliency is about recovering from failures without downtime or data loss.
- b) A goal of resiliency is not to bring a service to a functioning state after a failure.
- c) Resiliency testing can be only done in a test environment.
- d) Resiliency is about avoiding failures.

Answer: a

Question: 4

A developer using Oracle Cloud Infrastructure (OCI) API Gateway must authenticate the API requests to their web application.

The authentication process must be implemented using a custom scheme which accepts string parameters from the API caller.

Which method can the developer use In this scenario?

- a) Create an authorizer function using request header authorization.
- b) Create an authorizer function using token-based authorization.
- c) Create a cross account functions authorizer.
- d) Create an authorizer function using OCI Identity and Access Management based authentication

Answer: b

Question: 5

Which two are required to enable Oracle Cloud Infrastructure (OCI) Container Engine for Kubernetes (OKE) cluster access from the kubectl CLI?

(Choose two.)

- a) An SSH key pair with the public key added to cluster worker nodes.
- b) Install and configure the OCI CLI
- c) OCI Identity and Access Management Auth Token
- d) Tiller enabled on the OKE cluster
- e) A configured OCI API signing key pair

Answer: b, e

Question: 6

You have been asked to create a stateful application deployed in Oracle Cloud Infrastructure (OCI) Container Engine for Kubernetes (OKE) that requires all of your worker nodes to mount and write data to persistent volumes.

Which two OCI storage services should you use?

(Choose two.)

- a) Use OCI File Services as persistent volume.
- b) Use GlusterFS as persistent volume.
- c) Use OCI Block Volume backed persistent volume.
- d) Use open source storage solutions on top of OCI.
- e) Use OCI Object Storage as persistent volume.

Answer: a, c

Question: 7

In order to effectively test your cloud-native applications, you might utilize separate environments (development, testing, staging, production, etc.)

Which Oracle Cloud Infrastructure (OCI) service can you use to create and manage your infrastructure?

(Choose the best answer.)

- a) OCI Compute
- b) OCI Container Engine for Kubernetes
- c) OCI Resource Manager
- d) OCI API Gateway

Answer: c

Question: 8

How do you perform a rolling update in Kubernetes?

(Choose the best answer.)

- a) `kubectl rolling-update`
- b) `kubectl upgrade <deployment-name>—image=image:v2`
- c) `kubectl update -c <container>`
- d) `kubectl rolling-update <deployment-name> —image=image:v2`

Answer: d

Question: 9

Who is responsible for patching, upgrading and maintaining the worker nodes in Oracle Cloud Infrastructure Container Engine for Kubernetes (OKE)?

- a) The user
- b) Independent Software Vendors
- c) Oracle Support
- d) It Is automated

Answer: a

Question: 10

What is the difference between blue/green and canary deployment strategies?

- a) In blue/green, application is deployed in minor increments to a select group of people. In canary, both old and new applications are simultaneously in production.
- b) In blue/green, both old and new applications are in production at the same time. In canary, application is deployed incrementally to a select group of people.
- c) In blue/green, current applications are slowly replaced with new ones. In canary, application is deployed incrementally to a select group of people.
- d) In blue/green, current applications are slowly replaced with new ones. In canary, both old and new applications are in production at the same time.

Answer: b

Study Guide to Crack Oracle Cloud Infrastructure Developer Professional 1Z0-1084-23 Exam:

- Getting details of the 1Z0-1084-23 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1Z0-1084-23 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Oracle provided training for 1Z0-1084-23 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1Z0-1084-23 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1Z0-1084-23 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 1Z0-1084-23 Certification

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Start Online practice of 1Z0-1084-23 Exam by visiting URL
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