

DUMPS ARENA

Oracle Cloud Infrastructure Developer 2020 Associate

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QUESTION NO: 1

Which two are benefits of distributed systems? (Choose two.)

- A. Privacy
- B. Security
- C. Ease of testing
- D. Scalability
- E. Resiliency

ANSWER: D E**Explanation:**

Reference: <https://www.cis.upenn.edu/~lee/07cis505/Lec/lec-ch1-DistSys-v4.pdf>

QUESTION NO: 2

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: D**QUESTION NO: 3**

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)? (Choose the best answer.)

- A.** 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.
- B.** 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.
- C.** 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.
- D.** 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.

ANSWER: A

QUESTION NO: 4

You have created a repository in Oracle Cloud Infrastructure Registry in the us-ashburn-1 (iad) region in your tenancy with a namespace called "heyoci".

Which three are valid tags for an image named "myapp"? (Choose three.)

- A.** iad.ocir.io/heyoci/myproject/myapp:0.0.1
- B.** us-ashburn-1.ocir.io/heyoci/myapp:0.0.2-beta
- C.** us-ashburn-1.ocir.io/heyoci/myproject/myapp:0.0.2-beta
- D.** us-ashburn-1.ocir.io/myproject/heyoci/myapp:latest
- E.** iad.ocir.io/myproject/heyoci/myapp:latest
- F.** iad.ocir.io/heyoci/myapp:0.0.2-beta
- G.** iad.ocir.io/heyoci/myapp:latest

ANSWER: A F G

QUESTION NO: 5

You want to push a new image in the Oracle Cloud Infrastructure (OCI) Registry.

Which two actions do you need to perform? (Choose two.)

- A.** Assign a tag via Docker CLI to the image.
- B.** Generate an auth token to complete the authentication via Docker CLI.
- C.** Generate an API signing key to complete the authentication via Docker CLI.

- D. Assign an OCI defined tag via OCI CLI to the image.
- E. Generate an OCI tag namespace in your repository.

ANSWER: A B

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Registry/Tasks/registrypushingimagesusingthedockercli.htm>

QUESTION NO: 6

You are implementing logging in your services that will be running in Oracle Cloud Infrastructure Container Engine for Kubernetes. Which statement describes the appropriate logging approach? (Choose the best answer.)

- A. Each service logs to its own log file.
- B. All services log to an external logging system.
- C. All services log to standard output only.
- D. All services log to a shared log file.

ANSWER: C

Explanation:

Reference: <https://dzone.com/articles/5-best-security-practices-for-kubernetes-and-oracle-kubernetes-engine>

QUESTION NO: 7

You are tasked with developing an application that requires the use of Oracle Cloud Infrastructure (OCI) APIs to POST messages to a stream in the OCI Streaming service.

Which statement is incorrect? (Choose the best answer.)

- A. The request must include an authorization signing string including (but not limited to) x-content-sha256, content-type, and contentlength headers.
- B. The Content-Type header must be set to application/json
- C. An HTTP 401 will be returned if the client's clock is skewed more than 5 minutes from the server's.
- D. The request does not require an Authorization header.

ANSWER: D

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/API/Concepts/signingrequests.htm>

QUESTION NO: 8

Which two statements accurately describe an Oracle Functions application? (Choose two.)

- A. A small block of code invoked in response to an Oracle Cloud Infrastructure (OCI) Events service
- B. A Docker image containing all the functions that share the same configuration
- C. An application based on Oracle Functions, Oracle Cloud Infrastructure (OCI) Events and OCI API Gateway services
- D. A common context to store configuration variables that are available to all functions in the application
- E. A logical group of functions

ANSWER: A B**Explanation:**

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Functions/Concepts/functionsconcepts.htm>

QUESTION NO: 9

You are using Oracle Cloud Infrastructure (OCI) Resource Manager to manage your infrastructure lifecycle and wish to receive an email each time a Terraform action begins.

How should you use the OCI Events service to do this without writing any code? (Choose the best answer.)

- A. Create an OCI Notifications topic and email subscription with the destination email address. Then create an OCI Events rule matching “Resource Manager Stack – Update” condition, and select the notification topic for the corresponding action.
- B. Create an OCI Notifications topic and email subscription with the destination email address. Then create an OCI Events rule matching “Resource Manager Job – Create” condition, and select the notification topic for the corresponding action.
- C. Create a rule in OCI Events service matching the “Resource Manager Stack – Update” condition. Then, select “Action Type: Email” and provide the destination email address.
- D. Create an OCI Email Delivery configuration with the destination email address. Then create an OCI Events rule matching “Resource Manager Job – Create” condition, and select the email configuration for the corresponding action.

ANSWER: D**QUESTION NO: 10**

You are developing a serverless application with Oracle Functions and Oracle Cloud Infrastructure Object Storage. Your function needs to read a JSON file object from an Object Storage bucket named “input-bucket” in compartment “qa-compartment”. Your corporate security standards mandate the use of Resource Principals for this use case.

Which two statements are needed to implement this use case? (Choose two.)

- A.** Set up a policy with the following statement to grant read access to the bucket: allow dynamic-group read-file-dg to read objects in compartment qa-compartment where target.bucket.name= 'input-bucket'
- B.** Set up the following dynamic group for your function's OCID:
Name: read-file-dg
Rule: resource.id = 'ocid1.fntunc.oc1.phx.aaaaaaaakeaobctakezjz5i4ujj7g25q7sx5mvr55pms6f4da'
- C.** Set up a policy to grant all functions read access to the bucket:
allow all functions in compartment qa-compartment to read objects in target.bucket.name= 'input-bucket'
- D.** Set up a policy to grant your user account read access to the bucket: allow user XYZ to read objects in compartment qa-compartment where target.bucket.name= 'input-bucket'
- E.** No policies are needed. By default, every function has read access to Object Storage buckets in the tenancy.

ANSWER: A C