

## 1Z0-1084-20<sup>Q&As</sup>

Oracle Cloud Infrastructure Developer 2020 Associate

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#### **QUESTION 1**

Which one of the statements describes a service aggregator pattern?

- A. It is implemented in each service separately and uses a streaming service
- B. It involves implementing a separate service that makes multiple calls to other backend services
- C. It uses a queue on both sides of the service communication
- D. It involves sending events through a message broker

Correct Answer: B

this pattern isolates an operation that makes calls to multiple back-end microservices, centralizing its logic into a specialized microservice.

#### **QUESTION 2**

What is the minimum amount of storage that a persistent volume claim can obtain In Oracle Cloud Infrastructure Container Engine for Kubemetes (OKE)?

- A. 1 TB
- B. 10 GB
- C. 1 GB
- D. 50 GB

Correct Answer: D

https://docs.cloud.oracle.com/en-us/iaas/Content/ContEng/Concepts/contengprerequisites.htm

#### **QUESTION 3**

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

Which three are valid tags for an image named "myapp"?

- A. iad.ocir.io/heyoci/myproject/myapp:0.0.1
- B. us-ashburn-l.ocirJo/heyoci/myapp:0.0.2-beta
- C. us-ashburn-l.ocir.io/heyoci/myproject/myapp:0.0.2-beta
- D. us-ashburn-l.ocir.io/myproject/heyoci/myapp:latest
- E. iad.ocir.io/myproject/heyoci/myapprlatest



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F. iad.ocir.io/heyoci/myapp:0.0.2-beta

G. iad.ocir.io/heyoci/myapp:latest

Correct Answer: AFG

Give a tag to the image that you\\'re going to push to Oracle Cloud Infrastructure Registry by entering:

docker tag

where:

uniquely identifies the image, either using the image\\'s id (for example, 8e0506e14874), or the image\\'s name and tag separated by a colon (for example, acme- web-app:latest). is in the format .ocir.io///: where: is the key for the Oracle Cloud Infrastructure Registry region you\\re using. For example, iad. See Availability by Region. ocir.io is the Oracle Cloud Infrastructure Registry name. is the auto-generated Object Storage namespace string of the tenancy that owns the repository to which you want to push the image (as shown on the Tenancy Information page). For example, the namespace of the acme-dev tenancy might be ansh81vru1zp. Note that for some older tenancies, the namespace string might be the same as the tenancy name in all lower-case letters (for example, acme-dev). Note also that your user must have access to the tenancy. (if specified) is the name of a repository to which you want to push the image (for example, project01). Note that specifying a repository is optional (see About Repositories). is the name you want to give the image in Oracle Cloud Infrastructure Registry (for example, acme-web-app). is an image tag you want to give the image in Oracle Cloud Infrastructure Registry (for example, version2.0.test). For example, for convenience you might want to group together multiple versions of the acme-web- app image in the acme-dev tenancy in the Ashburn region into a repository called project01. You do this by including the name of the repository in the image name when you push the image, in the format .ocir.io///:. For example, iad.ocir.io/ ansh81vru1zp/project01/acme-web-app:4.6.3. Subsequently, when you use the docker push command, the presence of the repository in the image\\'s name ensures the image is pushed to the intended repository. If you push an image and include the name of a repository that doesn\\'t already exist, a new private repository is created automatically. For example, if you enter a command like docker push iad.ocir.io/ansh81vru1zp/project02/acme-web- app:7.5.2 and the project02 repository doesn\\'t exist, a private repository called project02 is created automatically. If you push an image and don\\'t include a repository name, the image\\'s name is used as the name of the repository. For example, if you enter a command like docker push iad.ocir.io/ansh81vru1zp/acme-web-app:7.5.2 that doesn\\'t contain a repository name, the image\\'s name (acme-webapp) is used as the name of a private repository. https://docs.cloud.oracle.com/enus/iaas/Content/Registry/Concepts/registrywhatisarepository.htm

#### **QUESTION 4**

Which one of the following is NOT a valid backend-type supported by Oracle Cloud Infrastructure (OCI) API Gateway?

A. STOCK\_RESPONSE\_BACKEND

B. ORACLE\_FUNCTIONS\_BACKEND

C. ORACLE\_STREAMS\_BACKEND

D. HTTP\_BACKEND

Correct Answer: C

In the API Gateway service, a back end is the means by which a gateway routes requests to the back- end services that implement APIs. If you add a private endpoint back end to an API gateway, you give the API gateway access to the VCN associated with that private endpoint. You can also grant an API gateway access to other Oracle Cloud Infrastructure services as back ends. For example, you could grant an API gateway access to Oracle Functions, so you can create and deploy an API that is backed by a serverless function. API Gateway service to create an API gateway,

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you can create an API deployment to access HTTP and HTTPS URLs. https://docs.cloud.oracle.com/en-us/iaas/Content/APIGateway/Tasks/ apigatewayusinghttpbackend.htm API Gateway service to create an API gateway, you can create an API deployment that invokes serverless functions defined in Oracle Functions. https://docs.cloud.oracle.com/en-us/iaas/Content/APIGateway/Tasks/ apigatewayusingfunctionsbackend.htm API Gateway service, you can define a path to a stock response back end https://docs.cloud.oracle.com/en-us/iaas/Content/APIGateway/Tasks/ apigatewayaddingstockresponses.htm

#### **QUESTION 5**

As a cloud-native developer, you have written a web service for your company. You have used Oracle Cloud Infrastructure (OCI) API Gateway service to expose the HTTP backend. However, your security team has suggested that your web service should handle Distributed Denial-of-Service (DDoS) attack. You are time-constrained and you need to make sure that this is implemented as soon as possible. What should you do in this scenario?

- A. Use OCI virtual cloud network (VCN) segregation to control DDoS.
- B. Use a third party service integration to implement a DDoS attack mitigation,
- C. Use OCI API Gateway service and configure rate limiting.
- D. Re-write your web service and implement rate limiting.

Correct Answer: C

Having created an API gateway and deployed one or more APIs on it, you\\'ll typically want to limit the rate at which front-end clients can make requests to back-end services. For example, to:

- maintain high availability and fair use of resources by protecting back ends from being overwhelmed by too many requests
- -prevent denial-of-service attacks
- -constrain costs of resource consumption
- restrict usage of APIs by your customers\\' users in order to monetize APIs You apply a rate limit globally to all routes in an API deployment specification. If a request is denied because the rate limit has been exceeded, the response header specifies when the request can be retried. You can add a rate-limiting request policy to an API deployment specification by: using the Console editing a JSON file

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