# 1Z0-1085-20 Q&As

Oracle Cloud Infrastructure Foundations 2020 Associate

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**QUESTION 1**

A banking platform has been re-designed to a microservices based architecture using Docker containers

for deployment.

Which service can you use to deploy containers on Oracle Cloud Infrastructure (OCI)?

A. Container Engine for Kubernetes (OKE)

B. Streaming Service

C. API Gateway

D. File Storage Service

Correct Answer: A

Oracle Cloud Infrastructure Container Engine for Kubernetes is a fully-managed, scalable, and highly available service that you can use to deploy your containerized applications to the cloud. Use Container Engine for Kubernetes (sometimes abbreviated to just OKE) when your development team wants to reliably build, deploy, and manage cloud-native applications. You specify the compute resources that your applications require, and Container Engine for Kubernetes provisions them on Oracle Cloud Infrastructure in an existing OCI tenancy. Container Engine for Kubernetes uses Kubernetes - the open-source system for automating deployment, scaling, and management of containerized applications across clusters of hosts. Kubernetes groups the containers that make up an application into logical units (called pods) for easy management and discovery. You can access Container Engine for Kubernetes to define and create Kubernetes clusters using the Console and the REST API. You can access the clusters you create using the Kubernetes command line (kubectl), the Kubernetes Dashboard, and the Kubernetes API. Container Engine for Kubernetes is integrated with Oracle Cloud Infrastructure Identity and Access Management (IAM), which provides easy authentication with native Oracle Cloud Infrastructure identity functionality.

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

**QUESTION 2**

Which two situations incur costs in Oracle Cloud Infrastructure (OCI)?

A. Data ingress from the internet

B. Transferring data across regions

C. Transferring data from one instance to another in the same Availibility Domain

D. Data egress to the internet E. Transferring data from one instance to another across different Availibility Domains in a Region

Correct Answer: BD

**QUESTION 3**

You are setting up a proof of concept (POC) and need to quickly establish a secure between an on-

premises data center and Oracle Cloud Infrastructure (OCI).

Which OCI service should you implement?

A. VCN Peering

B. FastConnect

C. Internet Gateway

D. IPSec VPN

Correct Answer: D

You can set up a single IPSec VPN with a simple layout that you might use for a proof of concept (POC).

Reference: https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Tasks/settingupIPsec.htm

It is possible to set up a site-to-site Virtual Private Network (VPN) Connection between your on- premises network (a data center or corporate LAN) and your Oracle virtual cloud network (VCN) over a secure encrypted VPN. The VPN connection uses industry-standard IPSec protocols. The Oracle service that provides site-to-site connectivity is named VPN Connect (also referred to as an IPSec VPN). Reference: https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Tasks/managingIPsec.htm

**QUESTION 4**

A company has developed an eCommerce web application In Oracle Cloud Infrastructure. What should they do to ensure that the application has the highest level of resilience?

A. Deploy the application across multiple Regions and Availability Domains.

B. Deploy the application across multiple Availability Domains and subnet.

C. Deploy the application across multiple Virtual Cloud Networks.

D. Deploy the application across multiple Availability Domains and Fault Domains.

Correct Answer: A

For highest level of resilience you can deploy the application between regions and distribute on availability domain and fault domains.

Reference: https://www.oracle.com/cloud/iaas/faq.html

**QUESTION 5**

Which option provides the best performance for running OTLP workloads in Oracle Cloud Infrastructure (OCI)?

A. OCI Autonomous Data Warehouse

B. OCI Virtual Machine Instance

C. OCI Dedicated Virtual Host

D. OCI Autonomous Transaction Processing

Correct Answer: D

https://docs.oracle.com/en/cloud/paas/atp-cloud/index.html