



1Z0-1085-20^{Q&As}

Oracle Cloud Infrastructure Foundations 2020 Associate

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QUESTION 1

_____ is a fully-managed, scalable, and highly available service that you can use to deploy your containerized applications to the cloud.

- A. Oracle Cloud Infrastructure Container Engine for Kubernetes
- B. Oracle Cloud Infrastructure Container Engine for Containerization
- C. Oracle Cloud Infrastructure Container Engine for Deployment
- D. Oracle Cloud Infrastructure Container Engine for Docker

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. 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 service is the most effective for moving large amounts of data from your on-premises to Oracle Cloud Infrastructure (OCI)?

- A. Data Safe
- B. Dynamic Routing Gateway
- C. Data Transfer appliance
- D. Internet Gateway

Correct Answer: C

APPLIANCE-BASED DATA TRANSFER You send your data as files on secure, high-capacity, Oracle-supplied storage appliances to an Oracle transfer site. Operators at the Oracle transfer site upload the data into your designated Object Storage bucket in your tenancy. This solution supports data transfer when you are migrating a large volume of data and when using disks is not a practical alternative. You do not need to write any code or purchase any hardware. Oracle supplies the transfer appliance and software required to manage the transfer. [https:// docs.cloud.oracle.com/en-us/iaas/Content/DataTransfer/Concepts/overview.htm](https://docs.cloud.oracle.com/en-us/iaas/Content/DataTransfer/Concepts/overview.htm) Oracle Cloud Infrastructure Data Transfer Appliance securely moves terabytes or petabytes data between on- premise data centers and the cloud. The service reduces data migration times from weeks or months to just hours and is available for data import to the cloud and data export from the cloud.



Fast, Simple and Efficient

Data migration

- Move petabyte-scale datasets to or from Oracle Cloud Infrastructure in days, instead of weeks or months.

Simple

- Use the UI or CLI to initiate the data transfer and order Data Transfer Appliance. Copy your data, and ship it to Oracle, where we import it. For data export, we copy your data and ship it back to you. It's that simple.

Flexible

- Option to use your own disks for a range of data migration scenarios such as smaller datasets, faster turnarounds, and international shipments.

Scalable

- Up to 150 TB per appliance, and multiple appliances per data transfer job if necessary. Whether you want to migrate a few terabytes or a petabyte, data transfer can help.

Affordable

- There is no cost to transfer data with Oracle's data transfer service.
(For data export outbound networking fees apply)

Data Security and Integrity

Security of data in transit

- Data is encrypted using AES-256 cipher as you load it, so data cannot be compromised. When data is transferred to Oracle Object storage for your tenancy, Oracle uses encrypted connections on our networks.

Security of data at rest

- All data uploaded to Oracle Cloud Object Storage is encrypted by default using AES-256 encryption.

Data Integrity

- Integrity of data is maintained using checksums at each stage of the data migration process.

Monitoring and Management

Data transfer status

- Use the Oracle Cloud Infrastructure Console or the Data Transfer Utility to monitor the status of each data transfer.

Data Upload Management

- Data upload summaries and verification of MD5 checksums provide assurance that all your data has been uploaded correctly.

Reference: <https://www.oracle.com/in/cloud/storage/data-transfer.html>

QUESTION 3

Which Oracle Cloud Infrastructure (OCI) service can send you an alert when you might exceed your spending threshold?

- A. Budgets
- B. Monitoring



C. Streaming

D. Events

Correct Answer: A

Budgets can be used to set thresholds for your Oracle Cloud Infrastructure spending. You can set alerts on your budget to let you know when you might exceed your budget, and you can view all of your budgets and spending from one single place in the Oracle Cloud Infrastructure console. Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Billing/Concepts/billingoverview.htm> A budget can be used to set soft limits on your Oracle Cloud Infrastructure spending. You can set alerts on your budget to let you know when you might exceed your budget, and you can view all of your budgets and spending from one single place in the Oracle Cloud Infrastructure console. How Budgets Work: Budgets are set on cost-tracking tags or on compartments (including the root compartment) to track all spending in that cost-tracking tag or for that compartment and its children. All budgets alerts are evaluated every 15 minutes. To see the last time a budget was evaluated, open the details for a budget. You will see fields that show the current spend, the forecast and the "Spent in period" field which shows you the time period over which the budget was evaluated. When a budget alert fires, the email recipients configured in the budget alert receive an email.

Budget Concepts

The following concepts are essential to working with budgets:

BUDGET

A monthly threshold you define for your Oracle Cloud Infrastructure spending. Budgets are set on cost-tracking tags or compartments and track all spending in the cost-tracking tag or compartment and any child compartments. Note: the budget tracks spending in the specified target compartment, but you need to have permissions to manage budgets in the root compartment of the tenancy to create and use budgets.

ALERT

You can define email alerts that get sent out for your budget. You can send a customized email message body with these alerts. Alerts are evaluated every 15 minutes, and can be triggered when your actual or your forecasted spending hits either a percentage of your budget or a specified set amount.

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

QUESTION 4

Which is NOT considered a security resource within Oracle Cloud Infrastructure?

A. Network Security Group

B. Web Application Firewall

C. File Storage Service



D. Security Lists

Correct Answer: C

Oracle Cloud Infrastructure File Storage service provides a durable, scalable, secure, enterprise-grade network file system. You can connect to a File Storage service file system from any bare metal, virtual machine, or container instance in your Virtual Cloud Network (VCN). You can control the access of the file system from FSS by applying some security rules and others but the services it self not related to security but it related to shared storage Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/File/Concepts/filestorageoverview.htm>

QUESTION 5

Which feature is NOT a component of Oracle Cloud Infrastructure (OCI) Identity and Access management service?

- A. User Credentials
- B. Network Security Group
- C. Federation
- D. Policies

Correct Answer: C

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