

Oracle 1Z0-1123-24

**Oracle Cloud Infrastructure 2024 Migration Architect
Professional**

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Question: 1

As a migration architect, you are tasked with transferring objects across buckets within the same region and to buckets in different regions. Which feature of Oracle Cloud Infrastructure (OCI) Object Storage should you utilize to accomplish this data migration?

- A. Object Transition
- B. Object Copy
- C. Object Move
- D. Object Mirroring

Answer: B

Explanation:

Object Copy in OCI Object Storage allows you to make a copy of an object within the same bucket, across buckets within the same region, or to buckets in different regions. This feature is specifically designed for accomplishing data migration tasks within OCI Object Storage.

Question: 2

You are working on a migration initiative as part of a cloud transformation project and leveraging Oracle Cloud Migrations service. Which is a valid use case for Oracle Cloud Migrations service?

- A. Migrate Virtual Machines from an on-premises environment to containers in Oracle Container Engine for Kubernetes (OKE)
- B. Migrate Virtual Machines from an on-premises environment to Oracle Cloud VMware Solution (OCVS)
- C. Migrate Compute instances between different OCI Regions
- D. Migrate Virtual Machines from an on-premises environment to OCI Compute instances

Answer: D

Explanation:

Migrating Virtual Machines from an on-premises environment to OCI Compute instances is a valid use case for Oracle Cloud Migrations service. This service allows for the seamless migration of Virtual Machines to Oracle Cloud Infrastructure Compute instances, enabling organizations to leverage the benefits of cloud infrastructure.

Question: 3

How does the Copy to another region feature in Oracle Cloud Infrastructure (OCI) aid in achieving smooth transitions during Block Volume migration?

- A. It compresses backup data before transferring, thereby expediting the migration process
- B. It automates the migration process by transferring applications between regions
- C. It ensures real-time data synchronization during migration for minimal downtime
- D. It replicates Block Volume backups to a target region, enabling smooth data migration

Answer: D

Explanation:

The correct choice is that the Copy to another region feature in OCI aids in achieving smooth transitions during Block Volume migration by replicating Block Volume backups to a target region. This enables a seamless data migration process without the need for manual backup and restore operations.

Question: 4

You have been tasked with provisioning an Oracle Cloud Infrastructure Container Engine for Kubernetes (OKE) cluster to deploy new applications and manage existing ones. Which two statements are FALSE?

- A. To access the cluster using kubectl, you have to set up a Kubernetes manifest file stored in the \$HOME/.manifest directory
- B. When a cluster's Kubernetes API endpoint has a public IP address, you can access the cluster in Cloud Shell by setting up a kubeconfig file
- C. The only available option when a cluster's Kubernetes API endpoint has a public IP address is to control the cluster locally using kubectl and the Kubernetes Dashboard
- D. To access the cluster using kubectl, you have to set up a Kubernetes configuration file stored in the \$HOME/.kube directory

Answer: A, C

Explanation:

Setting up a Kubernetes manifest file in the \$HOME/.manifest directory is not a standard practice for accessing a Kubernetes cluster using kubectl. Manifest files are used to define and manage Kubernetes resources, such as pods, deployments, and services, but they are not used for configuring access to the cluster.

While controlling the cluster locally using kubectl and the Kubernetes Dashboard is one way to interact with a cluster, it is not the only available option when a cluster's Kubernetes API endpoint has a public IP address. You can also access and manage the cluster remotely using kubectl from any environment that has network connectivity to the cluster.

Question: 5

What is the primary purpose of deploying a Remote Agent Appliance in an on-premises environment

when using the Oracle Cloud Migrations (OCM) service?

- A. To perform real-time data compression and deduplication of the source data to be transferred to OCI
- B. To serve as a temporary storage buffer to cache data before it is transferred to OCI
- C. To facilitate direct VPN connectivity between the on-premises data center and OCI
- D. To discover on-premises workloads and provide detailed inventory information to OCI

Answer: D

Explanation:

The primary purpose of deploying a Remote Agent Appliance in an on-premises environment is to discover on-premises workloads and provide detailed inventory information to OCI. This information is crucial for planning and executing migrations to Oracle Cloud.

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