



# 1Z0-997-20<sup>Q&As</sup>

Oracle Cloud Infrastructure 2020 Architect Professional

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### QUESTION 1

A manufacturing company is planning to migrate their on-premises database to OCI and has hired you for the migration. Customer has provided following information regarding their existing onpremises database:

Database version, host operating system and version, database character set, storage for data staging, acceptable length of system outage.

What additional information do you need from customer in order to recommend a suitable migration method? Choose two

- A. Elapsed time since database was last patched
- B. On-premises host operating system and version
- C. Number of active connections
- D. Data types used in the on-premises database
- E. Top 5 longest running queries

Correct Answer: BD

Not all migration methods apply to all migration scenarios. Many of the migration methods apply only if specific characteristics of the source and destination databases match or are compatible. Moreover, additional factors can affect which method you choose for your migration from among the methods that are technically applicable to your migration scenario. Some of the characteristics and factors to consider when choosing a migration method are: On-premises database version Database service database version On-premises host operating system and version On-premises database character set Quantity of data, including indexes Data types used in the on-premises database Storage for data staging Acceptable length of system outage Network bandwidth

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### QUESTION 2

An eCommerce company is running on Oracle Cloud Infrastructure (OCI) and many compute instances remain unused for the most part of the year except during Black Friday and Christmas. You suggest them to use OCI's

Autoscaling feature and present them a slide to showcase the features of Autoscaling.

Which option below is inaccurate in your presentation to the customer?

- A. A cooldown period between Autoscaling events lets the system stabilize at the updated level.
- B. When an instance pool scales in, instances are terminated in this order: the number of instances is balanced across Availability Domains, and then balanced across Fault Domains. Finally, within a Fault Domain, the newest instance is terminated first.
- C. Autoscaling relies on performance metrics such as CPU utilization that are collected by OCI Monitoring service to trigger an Autoscaling event.
- D. Autoscaling requires an instance pool as a pre-requisite so that it can automatically adjust the number of compute instances in an instance pool.

Correct Answer: B



### QUESTION 3

You developed a microservices-based application that runs on Oracle Cloud Infrastructure (OCI) Container Engine for Kubernetes (OKE). It has multiple endpoints that needs to be exposed to the public internet.

What is the most cost-effective way to expose multiple application endpoints without adding complexity to the application?

- A. Use NodePort service type in Kubernetes for each of your service endpoint and use node's public IP address to access the applications.
- B. Use separate load balancer instance for each service, but use the 100 Mbps load balancer option.
- C. Deploy an Ingress Controller and use it to expose each endpoint with its own routing endpoint.
- D. Use ClusterIP service type in Kubernetes for each of your service endpoint and use a load balancer to expose the endpoints.

Correct Answer: C

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### QUESTION 4

You are advising the database administrator responsible for managing non-production environment for Oracle Autonomous Database running on Oracle Cloud Infrastructure. You need to help the database administrator ensure that the non-production environments have a copy of the current data from the production environment in a manner that is most time-efficient.

Which method should you recommend? (Choose the best answer.)

- A. Take a full database backup of the production Autonomous database and create the non-production database from it.
- B. Create a metadata clone of the production Autonomous Database and create the non- production database from it.
- C. Create a full clone of the production Autonomous Database and create the non- production database from it.
- D. Take a Data Pump export of the production Autonomous database and import into the non-production database.

Correct Answer: C

Explanation: <https://www.oracle.com/database/technologies/datawarehouse-bigdata/adb-faqs.html>

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### QUESTION 5

An online Stock trading application is deployed to multiple Availability Domains in the us phoenix-1 region. Considering the high volume of transactions that the trading application handles, the company has hired you to ensure that the data stored by the application available, and disaster resilient. In the event of failure, the Recovery time Objective (RTO) must be less than 2 hours to meet regulator requirements.

Which Disaster Recovery strategy should be used to achieve the RTO requirement In the event of system failure?



- A. Configure hourly block volumes backups through the Storage Gateway service.
- B. Configure hourly block volumes backups using the Oracle Cloud Infrastructure (OCI) Command Line Interface (CLI)
- C. Store hourly block volumes backup to NVMe device under a compute instance and generate a custom Image every 5 minutes.
- D. Configure your application to use synchronous master slave data replication between Availability Domains.

Correct Answer: B

You can use the CLI, REST APIs, or the SDKs to automate, script, and manage volume backups and their lifecycle. Planning Your Backup The primary use of backups is to support business continuity, disaster recovery, and long-term archiving requirements. When determining a backup schedule, your backup plan and goals should consider the following: Frequency: How often you want to back up your data. Recovery time: How long you can wait for a backup to be restored and accessible to the applications that use it. The time for a backup to complete varies on several factors, but it will generally take a few minutes or longer, depending on the size of the data being backed up and the amount of data that has changed since your last backup. Number of stored backups: How many backups you need to keep available and the deletion schedule for those you no longer need. You can only create one backup at a time, so if a backup is underway, it will need to complete before you can create another one. For details about the number of backups you can store

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