

1Z0-997-22^{Q&As}

Oracle Cloud Infrastructure 2022 Architect Professional

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QUESTION 1

Your company has recently deployed a new web application that uses Oracle functions. Your manager instructed you to implement major management of your systems more effectively. You know that Oracle functions automatically monitor functions on your behalf and reports metrics through Service Metrics.

Which two metrics are collected and made available by this feature?

- A. length of time a function runs
- B. number of times a function is removed
- C. number of times a function is invoked
- D. amount of CPU used by a function
- E. number of concurrent connections

Correct Answer: AC

Explanation: <https://docs.cloud.oracle.com/en-us/iaas/Content/Functions/Reference/functionsmetrics.htm>

you can monitor the health, capacity, and performance of functions you've deployed to Oracle Functions by using metrics

Oracle Functions monitors function execution, and collects and reports metrics such as:

The number of times a function is invoked.

The length of time a function runs for.

The number of times a function failed.

The number of requests to invoke a function that returned a 429 Too Many Requests error in the response (known as throttled function invocations).

QUESTION 2

An upcoming e-commerce company has deployed their online shopping application on OCI. The application was deployed on compute instances with autoscaling configuration for application servers fronted by a load balancer and OCI Autonomous Transaction Processing (ATP) in the backend.

In order to promote their e-commerce platform, a 50% discount was announced on all the products for a limited period. During the day 1 of the promotional period, it was observed that the application is running slow and the company's hotline is flooded with complaints.

What could be two possible reasons for this situation?

- A. The health check on some of the backend servers has failed and the load balancer has taken those servers temporarily out of rotation
- B. As part of autoscaling, the load balancer shape has dynamically changed to a larger shape to handle more incoming traffic and the system was slow for a short time during this change

- C. The health check on some of the backend servers has failed and the load balancer was rebooting these servers.
- D. The autoscaling has already scaled to the maximum number of instances specified in the configuration and there is no room of scaling

Correct Answer: AD

QUESTION 3

As part of planning the network design on Oracle Cloud Infrastructure, you have been asked to create an Oracle Cloud Infrastructure Virtual Cloud Network (VCN) with 3 subnets, one in each Availability Domain. Each subnet needs to have a minimum of 64 usable IP addresses.

What is the smallest subnet and VCN size you should use to implement this design?

- A. /22 for the VCN; /24 for the subnets
- B. /23 for the VCN; /25 for the subnets
- C. /24 for the VCN; /24 for the subnets
- D. /22 for the VCN; /25 for the subnets

Correct Answer: B

QUESTION 4

A cost conscious fashions design company which sells bags, clothes, and other luxury items has recently decided to move all of their on-premises infrastructure Oracle Cloud Infrastructure (OCI), One of their on-premises application is running on an NGINX server and the Oracle Database is running in a 2 node Oracle Real Application Clusters (RAC) configuration.

Based on cost considerations, what is an effective mechanism to migrate the customer application to OCI and set up regular automated backups?

- A. Launch a compute Instance and run a NGINX server to host the application. Deploy a 2 node VM DB Systems with oracle RAC enabled import the on premises database to OCI VM DB Systems using oracle Data Pump and then enable automatic backups.
- B. Launch a compute Instance and run an NGINX server to host the application. Deploy Exadata Quarter Rack, enable automatic backups and import the database using Oracle Data Pump.
- C. Launch a compute Instance for both the NGINX application server and the database server. Attach block volumes on the database server compute instance and enable backup policy to backup the block volumes.
- D. Launch a Compute instance and run a NGINX Server to host the application. Deploy a 2 node VM DB Systems with Oracle RAC enabled Import the on premises database to OCI VM DB Systems using data pump and then enable automatic backup- Also, enable Oracle Data Guard on the database server

Correct Answer: A

Based on cost considerations will exclude the Exadata. and there\\s no need for Data Guard Cost Estimator
<https://www.oracle.com/cloud/cost-estimator.html>

Configuration Options		Pay As You Go	Monthly Flex	
▼ Database Cloud Service - OCI		\$17,190	\$11,460	🗑️
> ☁ Database - OCI		\$17,190	\$11,460	🗑️
▼ Oracle Database Exadata Cloud Service		\$120,000	\$80,000	🗑️
> ☁ Exadata		\$120,000	\$80,000	🗑️

QUESTION 5

A company has an urgent requirement to migrate 300 TB of data to Oracle Cloud Infrastructure (OCI) In two weeks. Their data center has been recently struck by a massive hurricane and the building has been badly damaged, although still operational. They have a 100 Mbps Internet line but the connection is Intermittent due to the damages caused to the electrical grid.

In this scenario, what is the most effective service to use to migrate the data to OCI given the time constraints?

- A. Setup a OCI Storage Gateway to connect your data center and your VCN. Once the connection has been established, upload all data to OCI using OCI Storage Gateway Cloud Sync tool.
- B. Setup a hybrid network by launching a1GbpsFastConnect virtual circuit between your data center and OCI. Use OCI Object storage multipart upload tool to automate the migration of your data to OCI.
- C. Use multiple OCI Data Transfer Appliances to transfer data to OCI.
- D. Upload the data to OCI using OCI Object Storage multipart upload tool.
- E. Storage Gateway to connect your data center and your VCN. Once the connection has been established, upload all data to OCI.

Correct Answer: C

Due to the network speed is not good enough and the connection is Intermittent due to the damages caused to the electrical grid Oracle offers offline data transfer solutions that let you migrate data to Oracle Cloud Infrastructure. You have 2 Options of Data Transfer DISK-BASED DATA TRANSFER You send your data as files on encrypted commodity disk to an Oracle transfer site. Operators at the Oracle transfer site upload the files into your designated Object Storage bucket in your tenancy. 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.