1Z0-997Q&As

Oracle Cloud Infrastructure 2019 Architect Professional

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QUESTION 1

A retail company runs their online shopping platform entirely on Oracle cloud Infrastructure (OCI). This is a 3-tier web application that Includes a Mbps Load Balancer. Virtual Machine Instances for web and an Oracle DB Systems Virtual Machine Due to unprecedented growth, they noticed an Increase in the Incoming traffic to their website and all users start getting 503 (Service Unavailable) errors. What is the potential problem in this scenario?

A. The Load Balancer health check status Indicates critical situation for half of the backend webservers

B. All the web servers are too busy and not able to answer any request from users.

C. The Database Is down hence users can not access the web site

D. The Traffic Management Policy is not set to load Balancer the traffic to the web servers.

E. You did not configure a Service Gateway to allow connection between web servers and load Balance

Correct Answer: B

A 503 Service Unavailable Error is an HTTP response status code indicating that a server is temporarily unable to handle the request. This may be due to the server being overloaded or down for maintenance.

QUESTION 2

You are running a legacy application In a compute Instance on Oracle Cloud Infrastructure (OCI). To provide enough space for it to store internal data, a block volume is attached to the instance in paravirtualized mode. Your application is not resilient to crash-consistent backup. What should you do to securely backup the block volume?

A. Create a volume group, add the block volume and boot volume and then run the volume group backup.

B. Before creating a backup, save your application data and detach the block volume.

C. Create a backup, detach the block volume and save your application data.

D. Use the block volume clone feature to save cost and speed up the backup process.

Correct Answer: D

QUESTION 3

A retail company has recently adopted a hybrid architecture. They have the following requirements for their end-to-end Connectivity model between their on-premises data center and Oracle Cloud Infrastructure (OC1) region

*

Highly available connection with service level redundancy

*

Dedicated network bandwidth with low latency

Which connectivity setup is the most cost effective solution for this scenario?

A.

Setup IPsec VPN as your primary connection, and a FastConnect virtual circuit as a backup connection. Use separate edge devices in your on-premises data canter for each connection from your edge devices, advertise more specific routes IPSec VPN, and specific routes through the backup FastConnect virtual circuit.

B.

Setup FastConnect virtual circuit as your primary connection, and a second FastConnect virtual circuit as a backup connection. Use separate edge devices in your FastConnect physical connectivity is redundant Use a single edge device in your on premises data center for each connection From yc device, advertise more specific routes via primary FastConnect virtual circuit, and less specific routes through t backup FastConnect circuit.

C.

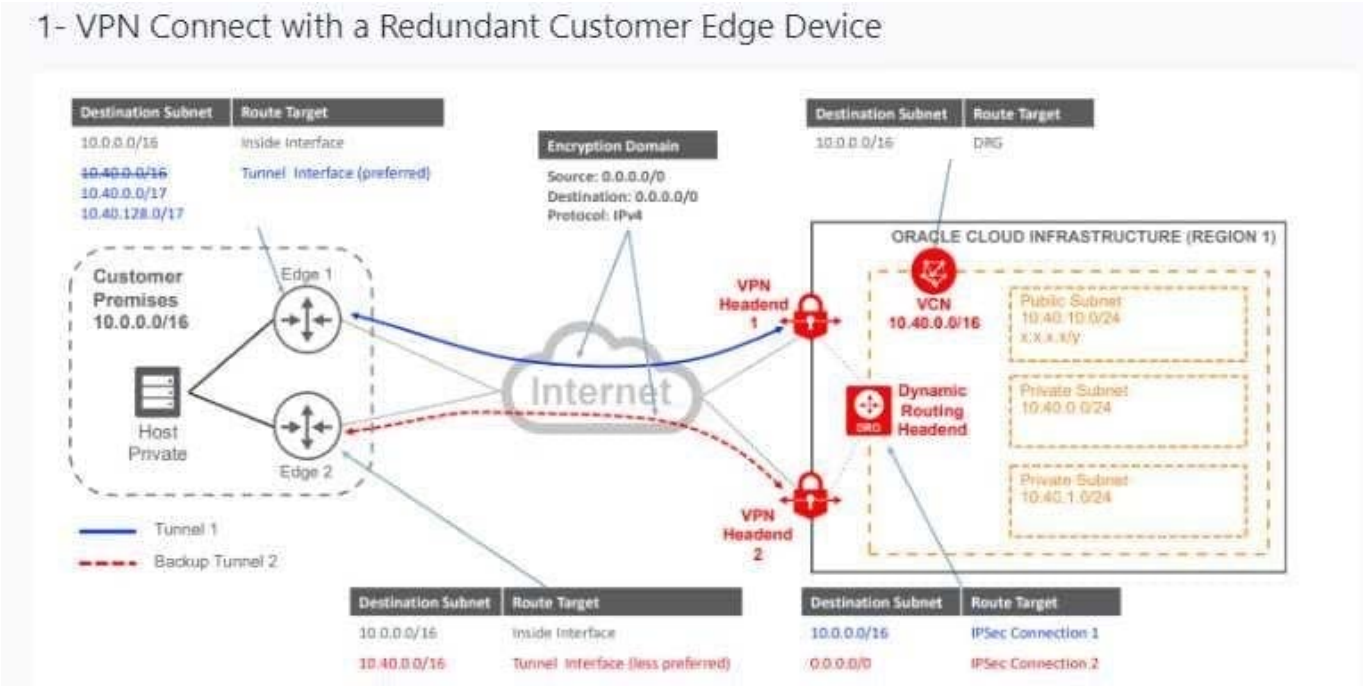
Setup FastConnect virtual circuit as your primary connection, and an IPSec VPN as a backup connection. Use separate edge devices in your on-premises data center for each connection. From your edge devices, advertise more specific routes through FastConnect virtual circuit, and more specific routes through the backup IPSec VPN path.

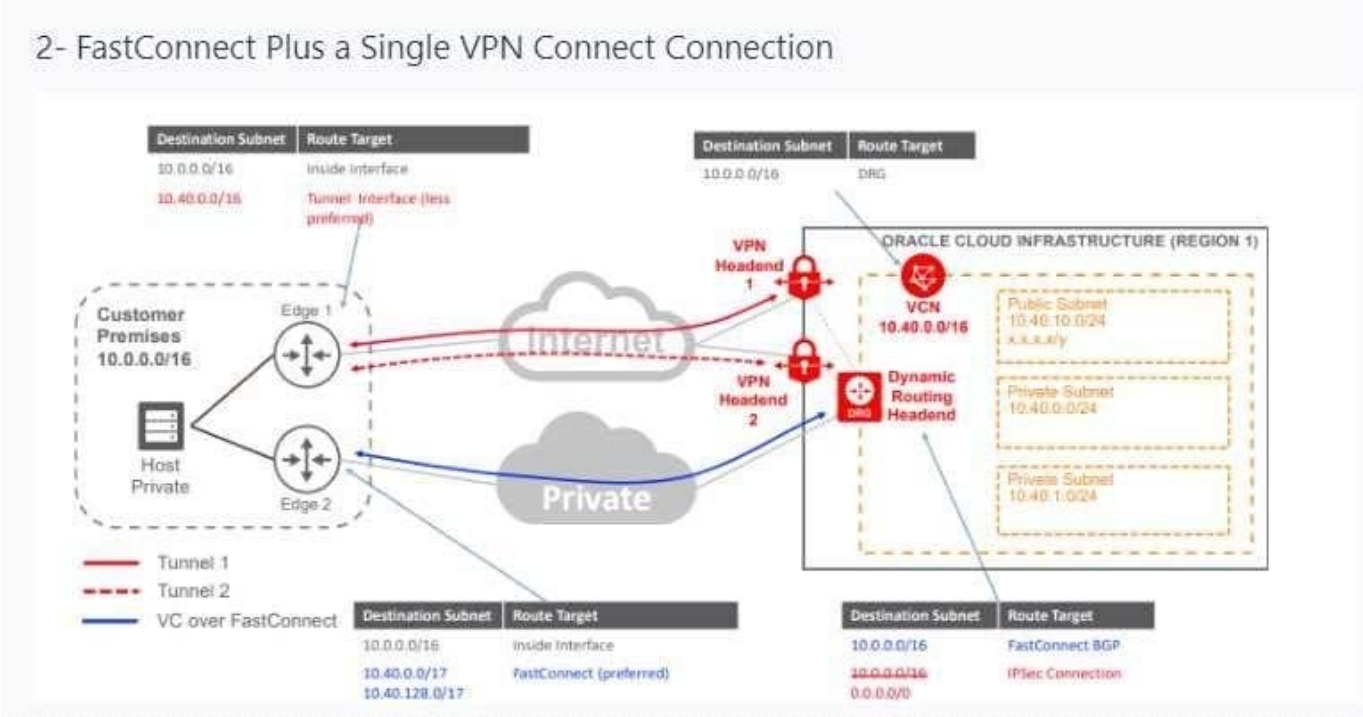
D.

Setup IPSec VPN as your primary connection, and a second IPSec VPN as a backup connection. Use separate edge devices in your on p data center for each connection. From your edge devices, advertise more specific routes via primary IPSec VPN. and less specific rod the backup IPSec VPN.

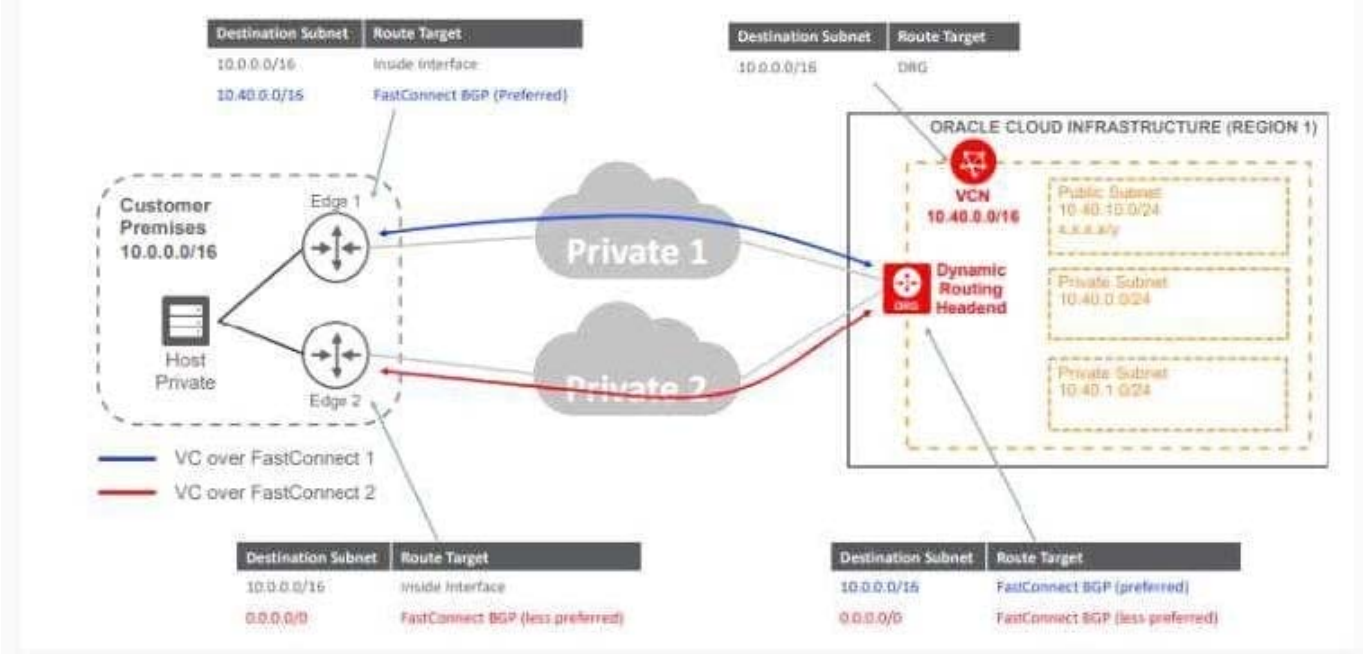
Correct Answer: D

there are two main requirements for this Customer First Highly available connection with service level redundancy and that can achieve by





3- Redundant FastConnect



QUESTION 4

You are working as a cloud consultant for a major media company. In the US and your client requested to

consolidate all of their log streams, access logs, application logs, and security logs into a single system.

The client wants to analyze all of their logs In real-time based on heuristics and the result should be

validated as well. This validation process requires going back to data samples extracted from the last 8

hours.

What approach should you take for this scenario?

A. Create an auto scaling pool of syslog-enabled servers using compute instances which will store the logs In Object storage, then use map reduce jobs to extract logs from Object storage, and apply heuristics on the logs.

B. Create a bare-metal instance big enough to host a syslog enabled server to process the logs and store logs on the locally attached NVMe SSDs for rapid retrieval of logs when needed.

C. Set up an OCI Audit service and ingest all the API arils from Audit service pragmatically to a client side application to apply heuristics and save the result in an OCI Object storage.

D. Stream all the logs and cloud events of Events service to Oracle Streaming Service. Build a client process that will apply heuristics on the logs and store them in an Object Storage.

Correct Answer: D

The Oracle Cloud Infrastructure Streaming service provides a fully managed, scalable, and durable storage solution for ingesting continuous, high-volume streams of data that you can consume and process in real time. Streaming can be used for messaging, ingesting high-volume data such as application logs, operational telemetry, web click-stream data, or other use cases in which data is produced and processed continually and sequentially in a publish-subscribe messaging model. Streaming Usage Scenarios Here are some of the many possible uses for Streaming: Metric and log

ingestion: Use the Streaming service as an alternative for traditional file-scraping approaches to help make critical operational data more quickly available for indexing, analysis, and visualization. Messaging: Use Streaming to decouple components of large systems. Streaming provides a pull/bufferbased communication model with sufficient capacity to flatten load spikes and the ability to feed multiple consumers with the same data independently. Key-scoped ordering and guaranteed durability provide reliable primitives to implement various messaging patterns, while high

Infrastructure and apps event processing: Use Streaming as a unified entry point for cloud components to report their life cycle events for audit, accounting, and related activities.

QUESTION 5

You are creating an Oracle Cloud Infrastructure Dynamic Group. To determine the members of this group

you are defining a set of matching rules.

Which of the following are the supported variables to define conditions in the matching rules? (Choose

Two)

A. iam.policy.id - the OCID of the IAM policy to apply to the group.

B. instance.tenancy.id - the OCID of the tenancy where the instance resides.

C. tag...value - the tag namespace and tag key.

D. instance.compartment.id - the OCID of the compartment where the instance resides.

Correct Answer: CD

You can define the members of the dynamic group based on the following:

-compartment ID

-instance ID

-

tag namespace and tag key

-

tag namespace, tag key, and tag value

Supported variables are:

instance.compartment.id - the OCID of the compartment where the instance resides instance.id - the OCID

of the instance

tag...value - the tag namespace and tag key. For example,

tag.department.operations.value .

tag...value=\\'\\' - the tag namespace, tag key, and tag value. For

example, tag.department.operations.value=\\'45\\'

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