1Z0-997Q&As

Oracle Cloud Infrastructure 2019 Architect Professional

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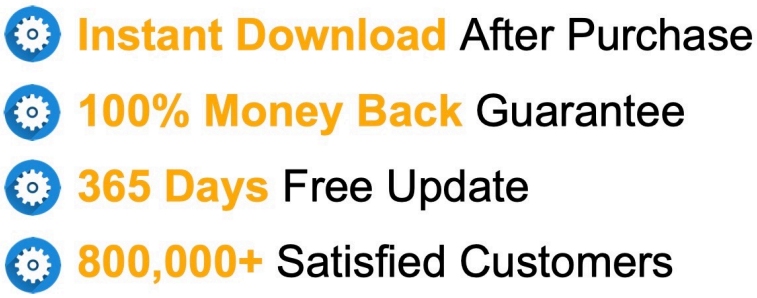


QUESTION 1

A retail company has several on-premises data centers which span multiple geographical locations. They plan to move some of their applications from on-premises data centers to Oracle Cloud Infrastructure (OCI). For these applications running in OCI, they still need to interact with applications running on their on-premises data centers to Oracle Cloud Infrastructure (OCI). for these applications running in OCI. they still need to interact with applications running on their on- premises data centers. These applications require highly available, fault-tolerant network connections between on premises data centers and OCI. Which option should you recommend to provide the highest level of redundancy?

A. Oracle cloud Infrastructure provides network redundancy by default so that no other operations are required

B. If your data centers span multiple, geographical locations, use only the specific IP address as a static route for the specific geographical location

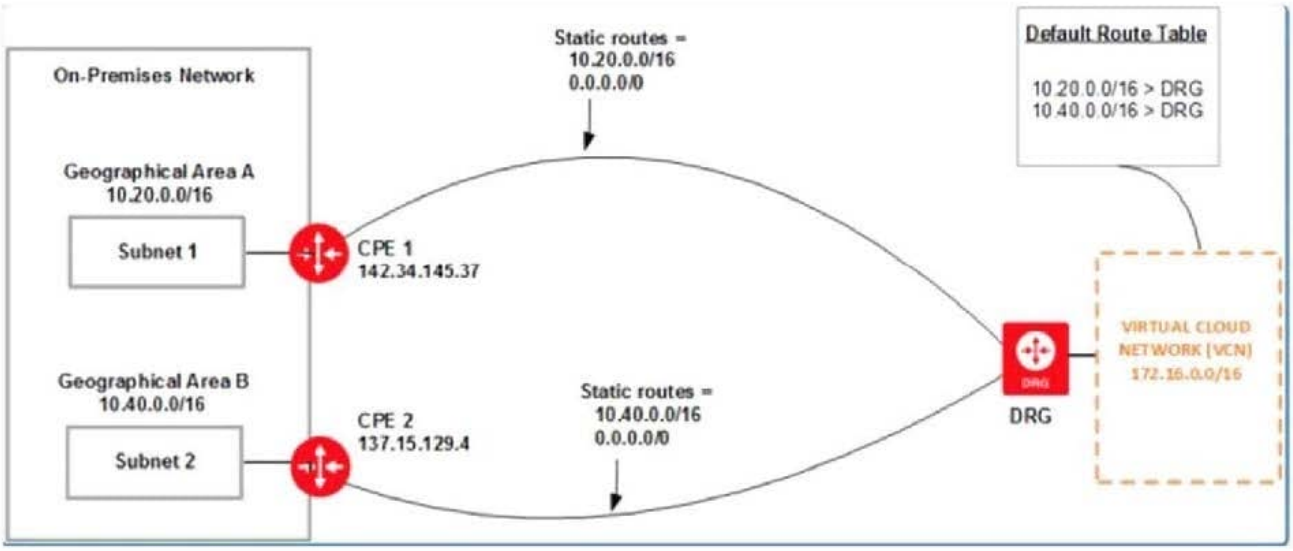
C. Set up both IPSec VPN and FastConnect to connect your on premises data centers to Oracle Cloud Infrastructure.

D. Use FastConnect private peering only to ensure secure access from your data center to Oracle Cloud Infrastructure

E. Set up a single IPSec VPN connection (rom your data center to Oracle Cloud Infrastructure since It is cost effective

Correct Answer: B

If your data centers span multiple geographical locations, we recommend using a broad CIDR (0.0.0.0/0) as a static route in addition to the CIDR of the specific geographical location. This broad CIDR provides high availability and flexibility to your network design. For instance, the following diagram shows two networks in separate geographical areas that each connect to Oracle Cloud Infrastructure. Each area has a single on-premises router, so two IPSec VPN connections can be created. Note that each IPSec VPN connection has two static routes: one for the CIDR of the particular geographical area, and a broad 0.0.0.0/0 static route.



QUESTION 2

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

QUESTION 3

Which three scenarios are suitable for the Oracle Infrastructure (OCI) Autonomous transaction Processing Server less (ATP-S) deployment?

A. well established, online auction marketplace is running an application where there is database usage 24? but also has peaks of activity that the hard to predict when the peaks happen, the total activities may reach 3 times the normal activity level

B. A small startup is deploying a new application fen eCommerce and it requires database to store customers\\' transactions the team b of what the load will look like since it is a new application.

C. A midsize company is considering migrating its legacy on premises MongoDB database to Oracle Cloud Infrastructure (OCI). The database has significantly higher workloads on weekends than weekdays

D. A developer working on an Internal project needs to use a database during work hours but doesn\\'t need It during nights or weekends. the project budget requires her to keep costs low.

E. A manufacturing company is running Oracle E-Business Suite application on premises. They are looking to move this application to OCI and they want to use a managed database offering for their database tier.

Correct Answer: ABD

MongoDB is a cross-platform document-oriented database program. Classified as a NoSQL database

QUESTION 4

Your customer recently ordered for a 1-Gbps Fast Connect connection In ap-tokyo-1 region of Oracle Cloud Infrastructure (OCI). They will us this to one Virtual cloud Network (VCN) in their production (OC1) tenancy and VCN In their development OC1 tenancy As a Solution Architect, how should yon configure and architect the connectivity between on premises and VCNs In OCI?

A. Create two private virtual circuits on the FastConnect link. Create two Dynamic Routing Gateways, one for each VCNs. Attach the virtual circuits to the dynamic routing gateways.

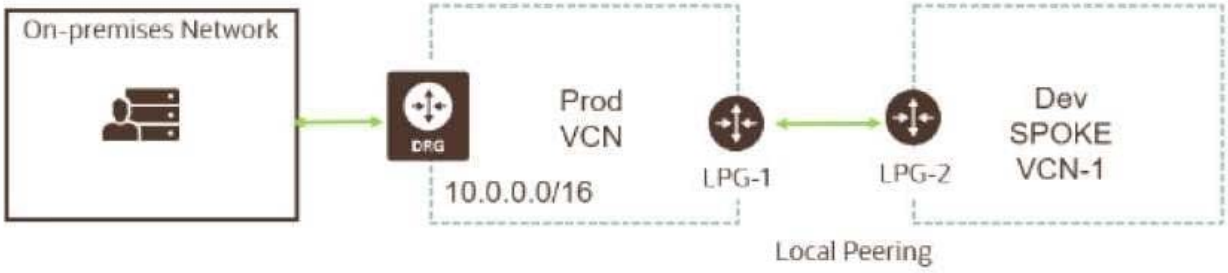
B. You cannot achieve connectivity using single FastConnect link as the production and the development VCNs-are in separate tenancies. Request one more FastConnect connection.

C. Create a single private virtual circuit over FastConnect and attach fastConnect to either of the

D. Create a hub-VCN that uses Dynamic Routing Gateway (DRG) to communicate with on-premises network over FastConnect. Connect the hub-VCN to the production VCN spoke and with development VCN spoke, each peered via their respective local Peering Gateway (LPG)

Correct Answer: D

There\\'s an advanced routing scenario called transit routing that enables communication between an onpremises network and multiple VCNs over a single Oracle Cloud Infrastructure FastConnect or IPSec VPN. The VCNs must be in the same region and locally peered in a hub-and-spoke layout. As part of the scenario, the VCN that is acting as the hub has a route table associated with each LPG (typically route tables are associated with a VCN\\'s subnets).



QUESTION 5

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.