1Z0-997Q&As

Oracle Cloud Infrastructure 2019 Architect Professional

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QUESTION 1

An automobile company wants to deploy their CRM application for Oracle Database on Oracle Cloud Infrastructure (OC1) DB Systems for one of major clients. In compliance with the Business Continuity Program of the client, they need to provide a Recovery Point objective (RPO) of 24 hours and a Recovery time objective (RTO) of 24 hours and Recovery Time Objective (RTO) of 1 hour. The CRM application should be available oven in me event that an entire on Region is down. Which approach Is the most suitable and cost effective configuration for this scenario?

A. Deploy a 1 node VM Oracle database in one region and replicate the database to a 1 node VM Oracle database in another region using a manual setup and configuration of Oracle Data Guard.

B. Deploy a 2 node Virtual Machine (VM) Oracle RAC database in one region and replicate the database to a 2 node VM Oracle RAC database in another region using a manual setup and

C. Deploy a 1 node VM Oracle database in one region. Manual Configure a Recovery Manager (RMAN) database backup schedule to take hourly database backups. Asynchronously copy the database backups to object storage in another OCI region, If the primary OCI region is unavailable launch a new 1 new VM Database in the other OCI region restore the production database from the backup.

D. Deploy an Autonomous Transaction Processing (Serverless) database in one region and replicate it to an Autonomous Transaction Processing (Serverless) database in another region Oracle GoldenGate.

Correct Answer: A

You can configure the Autonomous Database instance as a target database for Oracle GoldenGate. But You can\\'t set up Oracle Autonomous Database as a source database for Oracle GoldenGate. Recovery Point objective (RPO) of 24 hours and Recovery Time Objective (RTO) of 1 hour

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To provision new VM and restore the production database from the backup on object storage, will exceed the RTO 1 hour

-

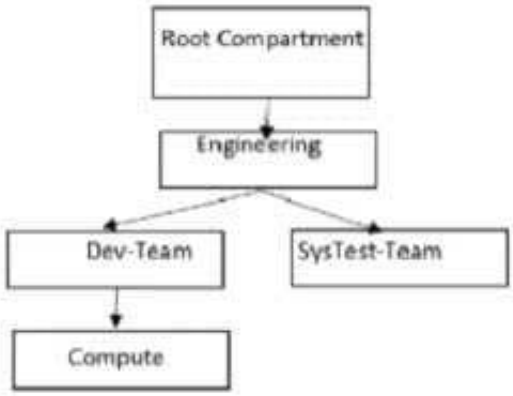
You can create the standby DB system in a different availability domain from the primary DB system for availability and disaster recovery purposes. With Data Guard and switchover/failover can meet RTO 1 hour.

-

RAC Database is not required in this solution. Standalone will be most suitable and cost effective

QUESTION 2

Give this compartment structure:



You want to move a compute instance that is in \\'Compute\\' compartment to \\'SysTes-Team\\'. You login to your Oracle Cloud Infrastructure (OCI)account and use the \\'Move Resource\\' option. What will happen when you attempt moving the compute resource?

A. The move will be successful though Compute Instance and its Public and Private IP address will stay the same. The Compute instance VNIC will need to be moved separately. The Compute instance will still be associated with the original VCN.

B. The move will fail and you will be prompted to move the VCN first. Once VCN is moved to the target compartment, the Compute instance can be moved.

C. The move will be successful though Compute Instance Public and Private IP address changed, and it will be associated to the VCN in target compartment.

D. The move will be successful though Compute Instance and its Public and Private IP address will stay the same. The Compute instance VNIC will still be associated with the original VCN.

Correct Answer: D

Moving Resources to a Different Compartment Most resources can be moved after they are created. There are a few resources that you can\\'t move from one compartment to another. Some resources have attached resource dependencies and some don\\'t. Not all attached dependencies behave the same way when the parent resource moves. For some resources, the attached dependencies move with the parent resource to the new The parent resource moves immediately, but in some cases attached dependencies move asynchronously and are not visible in the new compartment until the move is complete. For other resources, the attached resource dependencies do not move to the new compartment. You can move these attached resources independently. You can move Compute resources such as instances, instance pools, and custom images from one compartment to another. When you move a Compute resource to a new compartment, associated resources such as boot volumes and VNICs are not moved. You can move a VCN from one compartment to another. When you move a VCN, its associated VNICs, private IPs, and ephemeral IPs move with it to the new compartment.

QUESTION 3

You are working as a solution architect for an online retail store to create a portal to allow the users to pay for their groceries using credit cards. Since the application is not fully compliant with the Payment Card Industry Data Security Standard (PCI DSS), your company is looking to use a third party payment service to process credit card payments. The third party service allows a maximum of Spelunk IP addresses 5 public IP addresses at a time However, your website is using Oracle Cloud Infrastructure (OCI) Instance Pool Auto Scaling policy to create up to create up to 15 Instances during peak traffic demand, which are launched In VCN private in VCN private subnets and attached to an OCI public Load Balancer. Upon user payment, the portal connects to the payment service over the Interne! to complete the

transaction What solution can you implement to make sure that all compute Instances can connect to the third party system to process the payments aw peak traffic demand?

A. Route credit card payment request from the compute instances through the NAT Gateway. On the third-party services, whitest the public IP associated with the NAT Gateway.

B. Whitelist the Internet Gateway Public IP on the third party service and route all payment requests through the Internet Gateway.

C. Create an OCI Command Line Interface (CLI) script to automatically reserve public IP address for the compute instances. On the third services, whitelist the Reserved public IP.

D. Route payment request from the compute instances through the OCI Load Balancer, which will then be routed to the third party service.

Correct Answer: D

You can OCI Load Balancer for this solution which can you the Public IPs of Load balancer to Traffic to third party services which allows a maximum of Spelunk IP addresses 5 public IP addresses at a time However, your website is using Oracle Cloud Infrastructure (OCI) Instance Pool Auto Scaling policy to create up to 15 Instances during peak traffic demand

QUESTION 4

A FinTech startup is developing a new blockchain based application to provide Smart Contracts using micro-services architecture. The development team is planning to deploy the application using containers and looking for a reliable way to build, deploy and manage their cloud-native application. Additionally, they need an easy way to store, share and manage their application artifacts. Which option should you recommend for this application?

A. Install and manage a Kubernetes cluster on OCI Compute Instances and use OCI Resource Manager for management of application artifacts

B. Use and OCI Resource Manager to manage cloud-native application and make the application artifacts available using OCI Functions

C. Use Oracle Container Engine for Kubernetes (OKE) to manage of cloud-native applications and OCI Registry for application artifacts

D. Use Oracle Container Engine for Kubernetes (OKE) to manage the deployment environment and OCI Functions for application artifacts

Correct Answer: C

Oracle Cloud Infrastructure Container Engine for Kubernetes is a fully-managed, scalable, and highly available service that you can use to deploy your containerized applications to the cloud. Use Container Engine for Kubernetes (sometimes abbreviated to just OKE) when your development team wants to reliably build, deploy, and manage cloud-native applications. You specify the compute resources that your applications require, and Container Engine for Kubernetes provisions them on Oracle Cloud Infrastructure in an existing OCI tenancy. Oracle Cloud Infrastructure Registry is an Oracle-managed registry that enables you to simplify your development to production workflow. Oracle Cloud Infrastructure Registry makes it easy for you as a developer to store, share, and manage development artifacts like Docker images. And the highly available and scalable architecture of Oracle Cloud Infrastructure ensures you can reliably deploy your applications. So you don\\'t have to worry about operational issues, or scaling the underlying infrastructure.

QUESTION 5

A global retailer is setting up the cloud architecture to be deployed in Oracle Cloud infrastructure (OCI) which will have thousands of users from two major geographical regions: North America and Asia Pacific. The requirements of the services are:

*

Service needs to be available 27/7 to avoid any business disruption

*

North American customers should be served by application running In North American regions

*

Asia Pacific customers should be served by applications running In Asia Pacific regions

*

Must be resilient enough to handle the outage of an entire OCI region

A.

OCl DNS, Traffic Management with Failover steering policy

B.

OCl DNS, Traffic Management with Geolocation steering policy. Health Checks

C.

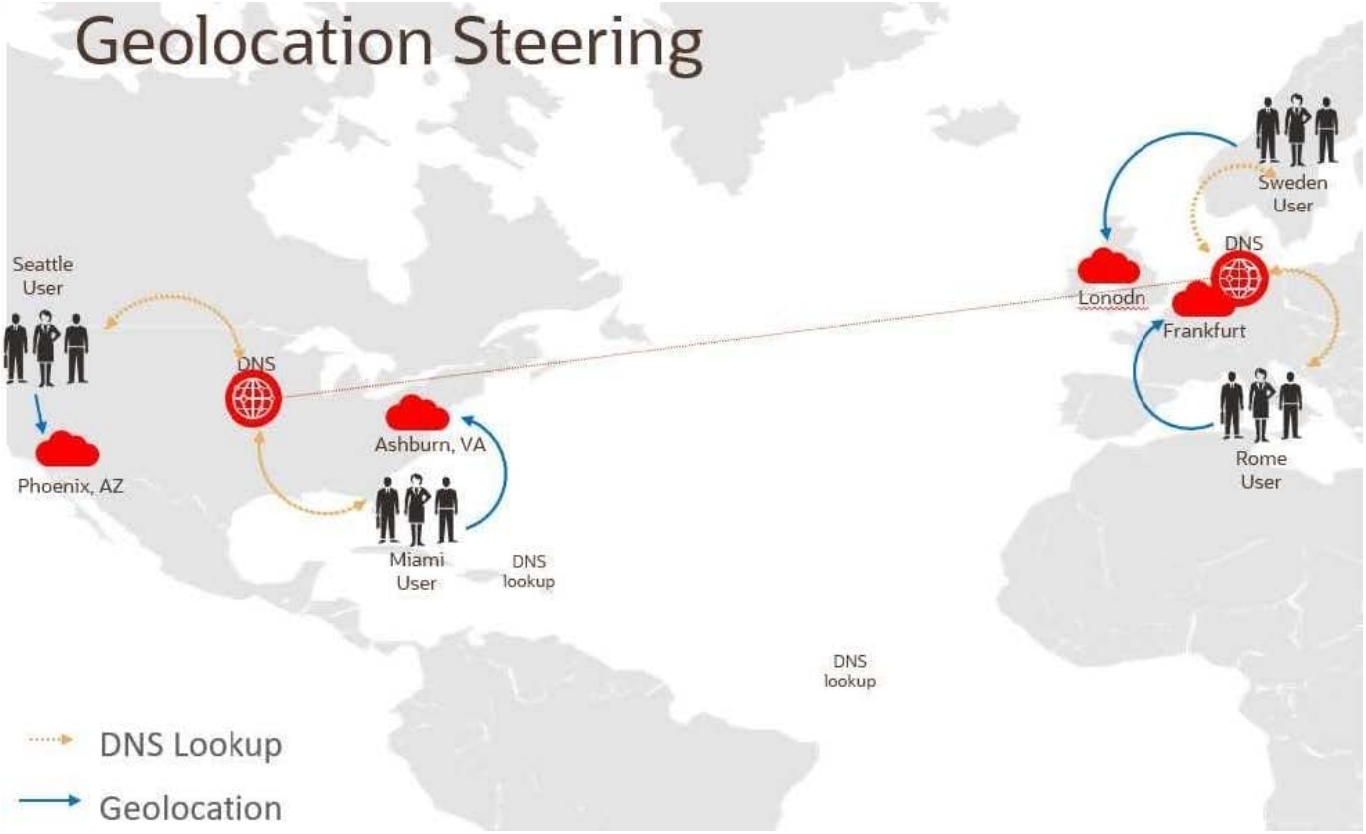
OCl DNS, Traffic Management with Geolocation steering policy

D.

OCl DNS,\\' Traffic Management with Load Balancer steering policy, Health Checks

Correct Answer: B

GEOLOCATION STEERING Geolocation steering policies distribute DNS traffic to different endpoints based on the location of the end user. Customers can define geographic regions composed of originating continent, countries or states/ provinces (North America) and define a separate endpoint or set of endpoints for each region. Combine with Oracle Health Checks to fail over from one region to another



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