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Oracle Cloud Infrastructure 2021 Architect Professional

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QUESTION 1

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. instance.compartment.id -the OCID of the compartment where the instance resides.
- B. instance.tenancy.id -the OCID of the tenancy where the instance resides.
- C. tag...value -the tag namespace and tag key.
- D. iam.policy.id - the OCID of the IAM policy to apply to the group.

Correct Answer: AC

QUESTION 2

Which of the below options is true regarding Oracle Cloud Infrastructure's load balancing service?

- A. You can dynamically change the load balancer shape to handle more incoming traffic.
- B. The public load balancer applies a floating public IP address to the primary load balancer.
- C. When you create a private load balancer, the service requires 2 or more subnets to host both the primary and standby load balancers.
- D. A public load balancer is Availability Domain specific in scope.

Correct Answer: B

QUESTION 3

A startup company is looking for a solution for processing of data transmitted by the IOT devices fitted to transport vehicles that carry frozen foods. The data should be consumed and processed in real time. The processed data should be archived to OCI Object Storage bucket. and use Autonomous Data warehouse (ADW) to handle analytics. Which architecture will help you meet this requirement?

- A. Use OCI Streaming Service to collect the incoming biometric data. Use an open source Hadoop cluster to analyze the data horn streaming service. Store the results to OCI Autonomous Data warehouse (ADW) to handle complex analytics
- B. Use OCI Streaming Service to collect the incoming biometric data. Use Oracle Functions to process the date and show the results on a real-time dashboard and store the results lo OCI Object Storage Store the data In OCI Autonomous Data warehouse (ADW) to handle analytics.
- C. Create an OCI Object Storage bucket to collect the incoming biometric data from the smart pet collar Fetch the data



horn OC\ Object storage to OCI Autonomous Data Warehouse (ADW) every day and run analytics Jobs with it

D. Launch an open source Hadoop cluster to collect the Incoming biometrics data Use an Open source Fluentd cluster to analyze the- data me results to OCI Autonomous Transaction Processing (ADW)to handle complex analytics

Correct Answer: B

Real-time processing of high-volume streams of data

-OCI Streaming service provides a fully managed, scalable, durable storage option for continuous, highvolume streams of data that you can consume and process in real-time

-Use cases Log and Event data collection Web/Mobile activity data ingestion IoT Data streaming for processing and alerts Messaging: use streaming to decouple components of large systems

-Oracle managed service with REST APIs (Create, Put, Get, Delete)

-Integrated Monitoring

QUESTION 4

You are tasked with building a highly available, fault tolerant web application for your current employer. The security team is concerned about an increase in malicious web-based attacks across the internet and asked what you can do to add a higher level of security to the website. How should you architect the solution on Oracle Cloud Infrastructure (OCI) to meet all requirements defined by your organization? (Choose the best answer.)

A. Deploy at least 3 web application servers, each in a different fault domain, using a regional private subnet. Place a public load balancer in a regional public subnet and create a backend set for all of the web application servers. Deploy a Web Application Firewall (WAF) and configure the load balancer public IP address as the origin.

B. Deploy at least 3 web application servers, each in a different fault domain, using a regional private subnet. Place a public load balancer in a regional public subnet and create a backend set for all of the web application servers. Create a Geolocation steering policy in Traffic Management and add an answer pool that directs to the public IP address of the load balancer. Configure a global catch-all rule to use this answer pool.

C. Deploy at least 3 web application servers, each in a different fault domain, using a regional public subnet. Ensure that each web application server is assigned a public IP address. Deploy a Web Application Firewall (WAF) and configure one Origin for each public IP address.

D. Deploy at least 3 web application servers, each in a different fault domain, using a regional public subnet. Use the OCI Traffic Management service to create a load balancing policy that will resolve DNS evenly between all web servers.

Correct Answer: A

QUESTION 5

A retailer bank is currently hosting their mission critical customer application on-premises. The application has a standard 3 tier architecture -4 application servers process the incoming traffic and store application data in an Oracle Exadata Database Server. The bank has recently has service disruption to other inter applications to they are looking to avoid this issue for their mission critical Customer Application. Which Oracle Cloud Infrastructure services should you recommend as part of the DR solution?



- A. OCI DNS Service, Public Load Balancer, Oracle Database Cloud Backup Service, Object Storage Service, Oracle Bare Metal Cloud Service, Oracle Bare Metal Cloud Service with GoldenGate, OCI Container Engines for Kubernetes, Oracle IPSec VPN
- B. OCI Traffic Management, Private Load Balancer, Compute instances distributed across multiple Availability Domains and/or Fault Domains, Exadata Cloud Service with Data Guard, Oracle FastConnect, Object Storage, Database Cloud backup module
- C. OCI Traffic Management, Public Load Balancer, Compute Instances distributed across multiple Availability Domains and/or Vault domains. Exadata Cloud Service with Data Guard, Oracle FastConnect, Object Storage, Database cloud backup module
- D. OCI DNS Service, Load Balancer as a service using Public Load Balancer distributing traffic Compute Instance across multiple regions, Oracle RAC Database using Virtual Machines, Remote Peering connecting two VCNs in different regions. Exadata Cloud Service with GoldenGate FastConnect, Object Storage, Database Cloud backup module.

Correct Answer: C

OCI Traffic Management Steering Policies can account for health of answers to provide failover capabilities, provide the ability to load balance traffic across multiple resources, and account for the location where the query was initiated to provide a simple, flexible and powerful mechanism to efficiently steer DNS traffic. Public Load Balancer Accepts traffic from the internet using a public IP address that serves as the entry point for incoming traffic. Load balancing service creates a primary load balancer and a standby load balancer, each in a different availability domain

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