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Oracle Cloud Infrastructure 2020 Architect Professional

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QUESTION 1

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 toad 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

QUESTION 2

You are running a mission-critical database application in Oracle Cloud Infrastructure (OCI). You take regular backups of your DB system to OCI Object Storage. Recently, you notice a failed database backup status in the console.

What troubleshooting action can you perform to determine the cause of the backup failure?

A. Ensure that the database is not active and running while the backup is in progress.

B. Ensure that your database host can connect to OCI Object Storage.

C. Ensure that the dcsagent program is not restarted in case of a stop/waiting status.

D. Ensure the database archiving mode is set to NOARCHIVELOG.

Correct Answer: B

QUESTION 3

You have an Oracle database system in a virtual cloud network (VCN) that needs to be accessible on port 1521 from your on-premises network CIDR 172.17.0.0/24.

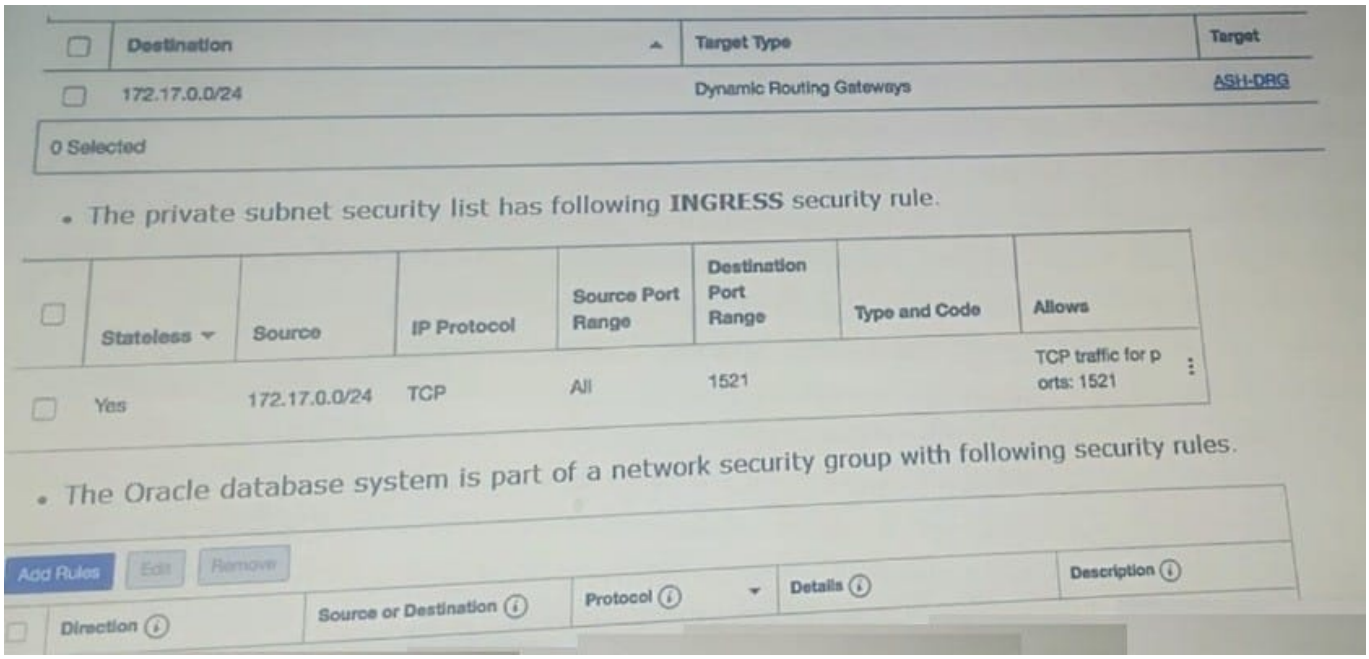
You have the following configuration currently.

Virtual cloud network (VCD) is associated with a Dynamic Routing Gateway (DRG), and DRG has an active IPSec connection with your on-premises data center.

Oracle database system is hosted in a private subnet

The private subnet route table has the following configuration

The private subnet route table has following configuration.



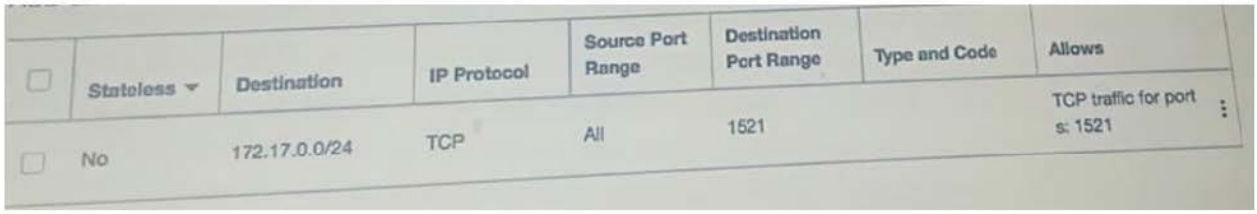
However, you are still unable to connect to the Oracle Database system. Which action will resolve this issue?

A. Add an EGRESS rule in network security group as following.

B. Add a route rule in the private subnet route table as following.

C. Add an EGRESS rule in private subnet scurity list as following.

D. Add an EGRESS rule in private subnet security list as following.



A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 4

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 5

You are the security architect for a medium sized e-commerce company that runs all of their applications in Oracle Cloud Infrastructure (OCI). Currently, there are 14 unique applications, each deployed and secured in their own compartment. The Operations team has procured a new monitoring tool that will be deployed throughout the OCI ecosystem. Their requirement is to deploy one management node into each compartment.

Currently, the Operations team Identity and Access Management (IAM) group has the following policy: allow group OpsTeam to READ all-resources in tenancy

Once the new monitoring nodes are deployed, the Operations team may need to stop, start, or reboot them occasionally.

What is the most efficient solution to allow the Operations team to fully manage the monitoring nodes, without allowing them to alter other resources across the tenancy?

A. In each of the 14 compartments, create a new policy with the following statement: allow group OpsTeam to manage instance-family in compartment XXX where XXX is the name of the compartment where you are creating the policy.

B. Create a new policy in the root compartment with the following policy statement: allow group OpsTeam to manage instance-family in tenancy where ANY (request.operation ?`UpdateInstance\\', request.operation ?`InstanceAction\\')

C. Tag all the monitoring nodes with the defined tag AllPolicy:AllowAccess:OpsTeam and write the following IAM policy: allow group OpsTeam to manage instance-family in tenancy where target.resource.tag.AllPolicy.AllowAccess ? `OpsTeam\\'

D. Tag all the monitoring nodes with the free-form tag AllowAccess:OpsTeam and write the following IAM policy: allow group OpsTeam to manage instance-family in tenancy where target.resource.tag.AllowAccess = `OpsTeam\\'

Correct Answer: A