



1Z0-997-21^{Q&As}

Oracle Cloud Infrastructure 2021 Architect Professional

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QUESTION 1

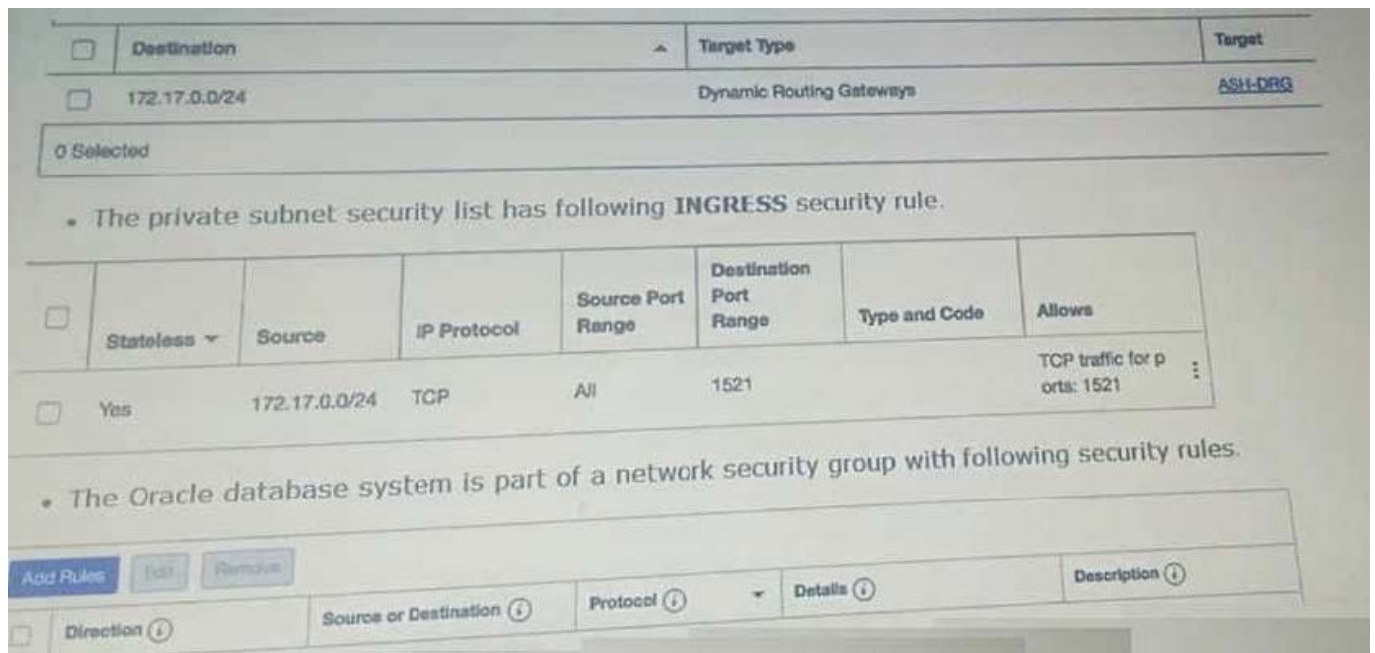
You have an Oracle database system in a virtual cloud network (VCN) that needs to be accessible on port 1521 from your on-premises network CIDR 172.17.0.0/24.

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.

Destination	Target Type	Target
0.0.0.0/0	Dynamic Routing Gateways	ASH-DRG

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

Destination	Target Type	Target
0.0.0.0/0	Dynamic Routing Gateways	ASH-DRG

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

Stateless	Destination	IP Protocol	Source Port Range	Destination Port Range	Type and Code	Allows
Yes	172.17.0.0/24	TCP	1521	All		TCP traffic for port s: All

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

Stateless	Destination	IP Protocol	Source Port Range	Destination Port Range	Type and Code	Allows
No	172.17.0.0/24	TCP	All	1521		TCP traffic for port s: 1521

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

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

You have deployed a multi-tier application with multiple compute instances in Oracle Cloud Infrastructure.

You want to back up these volumes and have decided to use Volume Groups feature. The Block volume and Compute instances exist in different compartments within your tenancy. Periodically, a few child compartments are moved under different parent compartments, and you notice that sometimes volume group backup fails.

What could be the cause?

- A. The Identity and Access Management policy allowing backup failed to move when the compartment was moved.
- B. You are exceeding your volume group backup quota configured.
- C. You have the same block volume attached to multiple compute instances; if these compute instances are in different compartments then all concerned compartments must be moved at the same time.
- D. A compute instance with multiple block volumes attached cannot move when a compartment is moved.

Correct Answer: A

QUESTION 4

You are currently working for a public health care company based in the United States. Their existing patient records runs in an on-premises data center and the customer is sending tape backups offsite as part of their recovery planning. You have developed an alternative archival solution using Oracle Cloud Infrastructure (OCI) that will save the company a significant amount of money on a yearly basis. The solution involves storing data in an OCI Object Storage bucket. After reviewing your solution with the customer global Compliance (GRC) team they have highlighted the following security requirements: All data less than 1 year old must be accessible within 2 hours. All data must be retained for at least 10 years and be accessible within 48 hours. All data must be encrypted at rest. No data may be transmitted across the public Internet.

Which two options meet the requirements outlined by the customer GRC team?

- A. Provision a FastConnect link to the closest OCI region and configure a private peering virtual circuit.
- B. Create an OCI Object Storage Standard tier bucket. Configure a lifecycle policy to archive any object that is older than 365 days.
- C. Create a VPN connection between your on-premises data center and OCI. Create a Virtual Cloud Network (VCN) along with an OCI Service Gateway for OCI Object Storage.
- D. Provision a FastConnect link to the closest OCI region and configure a public peering virtual circuit.
- E. Create an OCI Object Storage Standard tier bucket. Configure a lifecycle policy to delete any object that is older than 7 years.

Correct Answer: BD

The Oracle Services Network is a conceptual network in Oracle Cloud Infrastructure that is reserved for



Oracle services. These services have public IP addresses that you typically reach over the internet.

However, you can access the Oracle Services Network without the traffic going over the internet.

There are different

ways, depending on which of your hosts need the access:

Hosts in your on-premises network:

-Private access through a VCN with FastConnect private peering or VPN Connect: The on-premises hosts use private IP addresses and reach the Oracle Services Network by way of the VCN and the VCN's service gateway.

-Public access with FastConnect public peering: The on-premises hosts use public IP addresses. regarding which Fastconnect Public peering: To access public services in Oracle Cloud Infrastructure without using the internet. For example, Object Storage, the Oracle Cloud Infrastructure Console and APIs, or public load balancers in your VCN. Communication across the connection is with IPv4 public IP addresses. Without FastConnect, the traffic destined for public IP addresses would be routed over the internet. With FastConnect, that traffic goes over your private physical connection. so Answer 4 will be the best answer that meets the customer requirement A service gateway lets your virtual cloud network (VCN) privately access specific Oracle services without exposing the data to the public internet. No internet gateway or NAT is required to reach those specific services. The resources in the VCN can be in a private subnet and use only private IP addresses. The traffic from the VCN to the Oracle service travels over the Oracle network fabric and never traverses the internet. Object Lifecycle Management lets you automatically manage the archiving and deletion of objects. By using Object Lifecycle Management to manage your Object Storage and Archive Storage data, you can reduce your storage costs and the amount of time you spend managing data.

QUESTION 5

Your organization is planning on using Oracle Cloud Infrastructure (OCI) File Storage Service (FSS). You will be deploying multiple compute instance in Oracle Cloud Infrastructure (OCI) and mounting the file system to these compute instances. The file system will hold payment data processed by a Database instance and utilized by compute instances to create a overall inventory report. You need to restrict access to this data for specific compute instances and must be allowed/blocked per compute instance's CIDR block. Which option can you use to secure access?

- A. Use stateless Security List rule to restrict access from known IP addresses only.
- B. Create a new VCN security list, choose SOURCE TYPE as Service and SOURCE SERVICE as FSS. Add stateless ingress and egress rules for specific P address and CIDR blocks.
- C. Use 'Export option' feature of FSS to restrict access to the mounted file systems.
- D. Create and configure OCI Web Application Firewall service with built in DNS based intelligent routing.

Correct Answer: C

NFS export options enable you to create more granular access control than is possible using just security list rules to limit VCN access. You can use NFS export options to specify access levels for IP addresses or CIDR blocks connecting to file systems through exports in a mount target. Access can be restricted so that each client's file system is inaccessible and invisible to the other, providing better security controls in multi-tenant environments. Using NFS export option access controls, you can limit clients' ability to connect to the file system and view or write data. For example, if you want to allow clients to consume but not update resources in your file system, you can set access to Read Only. You can also reduce client root access to your file systems and map specified User IDs (UIDs) and Group IDs (GIDs) to an anonymous UID/GID of your choice. For more information about how NFS export options work with other security layers



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