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Oracle Cloud Infrastructure 2021 Architect Professional

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QUESTION 1

Which three options are available to migrate an Oracle database 12.x from an on-premises environment to Oracle Cloud Infrastructure (OCI)?

- A. Leverage OCI Storage Gateway asynchronous database migration option.
- B. Use Oracle Data Pump Export/Import to migrate the database.
- C. Configure RMAN cross-platform transportable tablespace backup sets.
- D. Setup OCI schema and data transfer tool with Bare Metal DB Systems as the target.
- E. Create a backup of your on-premises database in OCI DB Systems.

Correct Answer: BCE

<https://docs.cloud.oracle.com/en-us/iaas/Content/Database/Tasks/mig-onprembackup.htm>

QUESTION 2

A cloud consultant is working on implementation project on OCI. As part of the compliance requirements, the objects placed in object storage should be automatically archived first and then deleted. He is testing a Lifecycle Policy on Object Storage and created a policy as below:

```
[ { "name": "Archive_doc", "action": "ARCHIVE", "objectNameFilter": { "inclusionPrefixes": ".doc" } },  
  { "name": "Delete_doc", "action": "DELETE",  
    "objectNameFilter": { "inclusionPrefixes": [ ".doc" ] },  
    "timeAmount": 5, "timeunit": "DAYS", "isEnabled": true } ]
```

What will happen after this policy is applied?

- A. All objects with names starting with "doc" will be deleted after 5 days of object creation
- B. All the objects having file extension ".doc" will be archived for 5 days and will be deleted 10 days after object creation
- C. All the objects having file extension ".doc" will be archived 5 days after object creation
- D. All the objects with names starting with "doc" will be archived 5 days after object creation and will be deleted 5 days after archival

Correct Answer: A

Object Lifecycle Management works by defining rules that instruct Object Storage to archive or delete objects on your behalf within a given bucket. A bucket's lifecycle rules are collectively known as an object lifecycle policy.

You can use a rule to either archive or delete objects and specify the number of days until the specified

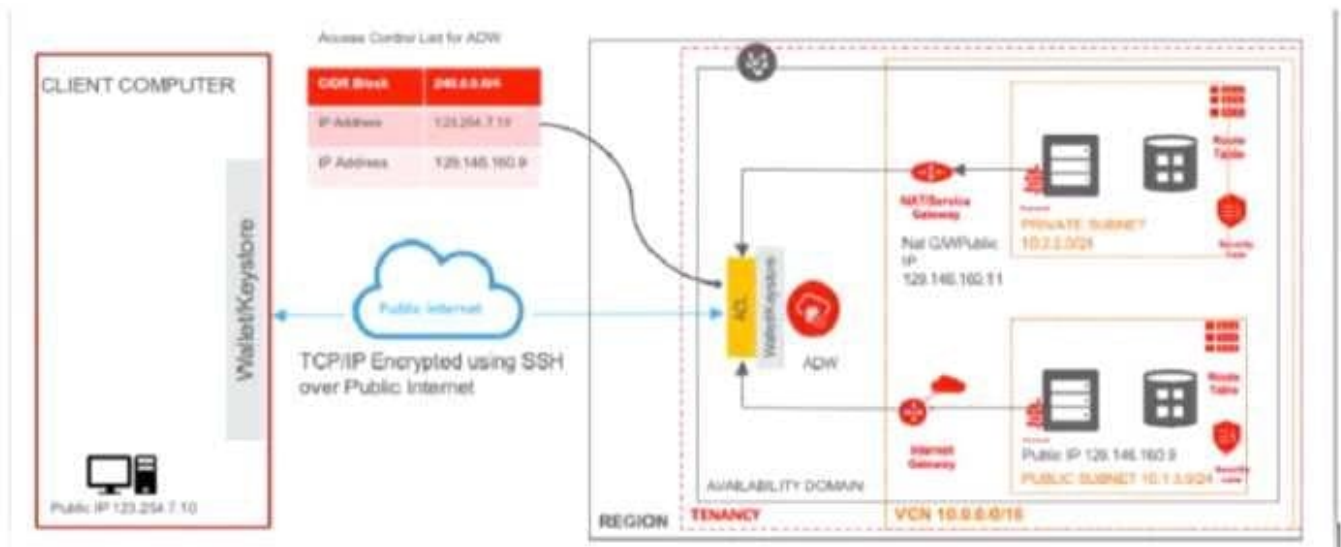


action is taken.

A rule that deletes an object always takes priority over a rule that would archive that same object.

QUESTION 3

You have designed and deployed your Autonomous Data Warehouse (ADW) such that it is accessible from your on-premises data center and servers running on both private and public networks in Oracle Cloud Infrastructure (OCI).



As you are testing the connectivity to your ADW database from the different access paths, you notice that the server running on the private network is unable to connect to ADW. Which two steps do you need to take to enable connectivity from the server on the private network to ADW? (Choose two.)

- A. Add an entry in the Security List of the ADW allowing ingress traffic for CIDR block 10.2.2.0/24
- B. Add an entry in the route table (associated with the private subnet) with destination of 0.0.0.0/0; target type of NAT Gateway, add a stateful egress rule to the security list (associated with the private subnet) with destination of 0.0.0.0/0 and for all IP protocols.
- C. Add an entry in the access table list of ASW for CIDR block 10.2.2.0/24.
- D. Add an entry in the route table (associated with the private subnet) with destination of 0.0.0.0/0; target type of internet Gateway, add a stateful egress in the security list (associated with the private subnet) with destination of 0.0.0.0/0 and for all IP protocols.
- E. Add an entry in the access control list of ADW for IP address 129.146.160.11

Correct Answer: BE

There are 3 connections to ADW 1- Connecting to (ADW) from Public Internet 2- Connecting to ADW (via NAT or Service Gateway) from a server running on a private subnet in OCI (in the same tenancy) 3- Connecting to ADW (via internet Gateway) from a server running on a public subnet in OCI (in the same tenancy)

QUESTION 4



You have configured backups for your Oracle Cloud Infrastructure (OCI) 2-node RAC DB systems on virtual machines. In the console, the database backup displays a Failed status. Which of the following options is the most likely reason for this backup issue?

- A. The master key stored in OCI Key Management for encryption and decryption of data in the database is not accessible to the backup service.
- B. The auth token being used by the Object Store Swift endpoint is incorrect.
- C. The allocated storage on the OCI File Storage service file system attached with the database is full.
- D. The RMAN backup agent is not compatible with the version of database being used.

Correct Answer: B

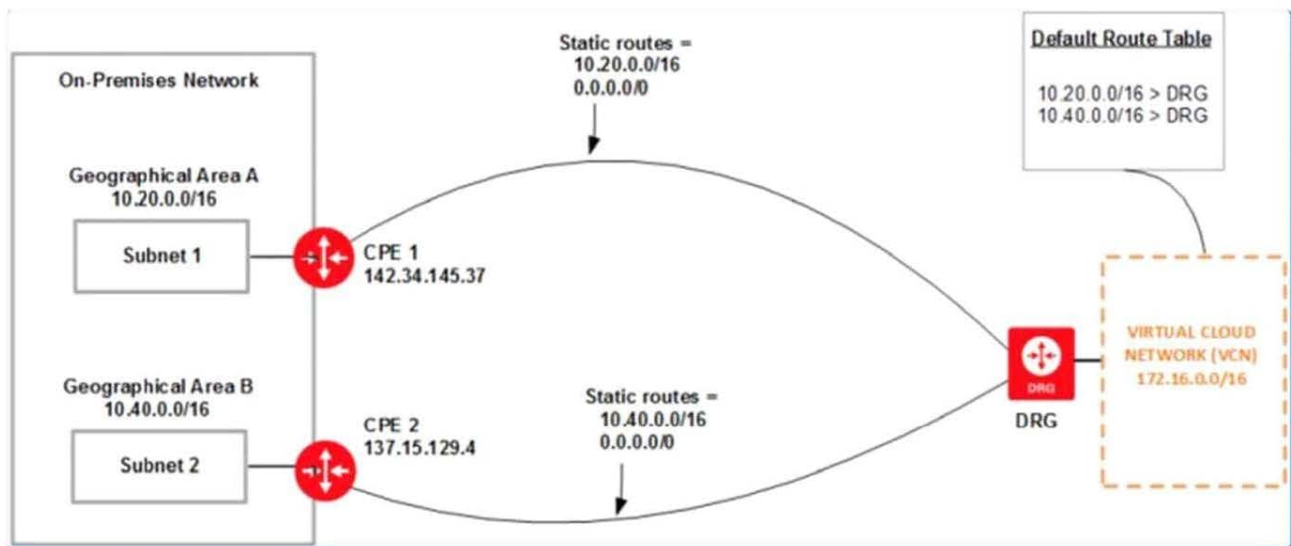
QUESTION 5

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.



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