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QUESTION 1

A company has an urgent requirement to migrate 300 TB of data to Oracle Cloud Infrastructure (OCI) in two weeks. Their data center has been recently struck by a massive hurricane and the building has been badly damaged, although still operational. They have a 100 Mbps Internet line but the connection is intermittent due to the damages caused to the electrical grid in this scenario, what is the most effective service to use to migrate the data to OCI given the time constraints?

- A. Setup a OCI Storage Gateway to connect your data center and your VCN. Once the connection has been established, upload all data to OCI using OCI Storage Gateway Cloud Sync tool.
- B. Setup a hybrid network by launching aGbpsFastConnect virtual circuit between your data center and OCI. Use OCI Object storage multipart upload tool to automate the migration of your data to OCI.
- C. Use multiple OCI Data Transfer Appliances to transfer data to OCI.
- D. Upload the data to OCI using OCI Object Storage multipart upload tool.
- E. Storage Gateway to connect your data center and your VCN. Once the connection has been established, upload all data to OCI.

Correct Answer: C

Due to the network speed is not good enough and the connection is intermittent due to the damages caused to the electrical grid Oracle offers offline data transfer solutions that let you migrate data to Oracle Cloud Infrastructure. You have 2 Options of Data Transfer DISK-BASED DATA TRANSFER You send your data as files on encrypted commodity disk to an Oracle transfer site. Operators at the Oracle transfer site upload the files into your designated Object Storage bucket in your tenancy. APPLIANCE-BASED DATA TRANSFER you send your data as files on secure, high-capacity, Oracle-supplied storage appliances to an Oracle transfer site. Operators at the Oracle transfer site upload the data into your designated Object Storage bucket in your tenancy.

QUESTION 2

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 hour. 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

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 3

You are working as a cloud engineer for an IoT startup company which is developing a health monitoring pet collar for dogs and cats. The company collects biometric Information of the pet every second and then sends it to Oracle Cloud Infrastructure (OCI) Your task is to come up with an architecture which will accept and process the monitoring data as well as provide complete trends and health reports to the pet owners. The portal should be highly available, durable, and scalable with an additional feature for showing real time biometric data analytics. which architecture will help you meet this requirement?

A. Use OCI Streaming Service to collect the incoming biometric data. Use Oracle Functions to process the data and show the results on a real-time dashboard and store the results to OCI Object Storage Store the data in OCI Autonomous Data warehouse (ADW) to handle analytics.

B. 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

C. Create an OCI Object Storage bucket to collect the incoming biometric data from the smart pet collar Fetch the data from OCI Object storage to OCI Autonomous Data Warehouse (ADW) every day and run analytics Jobs with it

D. Use OCI Streaming Service to collect the incoming biometric data. Use an open source Hadoop cluster to analyze the data from streaming service. Store the results to OCI Autonomous Data warehouse (ADW) to handle complex analytics.



Correct Answer: A

QUESTION 4

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 5

An organization has its mission critical application consisting of multiple application servers and databases running inside Virtual Cloud Network (VCN) in uk-london-1 region. Their solution architect wants to further strengthen their architecture by planning for Disaster Recovery (DR) in eu-frankfurt-1 region.

Which two solutions should their architect keep in mind while designing for DR?

- A. A remote VCN peering connection is required to establish secure and reliable connectivity between different VCNs created in uk-london-1 and eu-frankfurt-1 region.
- B. rsync utility can be used to asynchronously copy file systems or snapshot data to another region.
- C. Load balancer will automatically distribute traffic between both the regions.
- D. The RTO is the acceptable timeframe of lost data that application can tolerate.
- E. It is not possible to use Active Data Guard to synchronize a database in uk-london-1 region to equivalent database in eu-frankfurt-1 region.

Correct Answer: AC

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