

Oracle

Exam Questions 1z0-1072-20

Oracle Cloud Infrastructure 2020 Architect Associate



NEW QUESTION 1

- (Exam Topic 1)

When you try to create an instance on Oracle Cloud Infrastructure (OCI), what are three valid sources to choose the image from?

- A. Dedicated VM Host
- B. Object Storage
- C. Bare Metal Instance
- D. Platform Images
- E. Custom Image
- F. Partner Images
- G. Instance Pools

Answer: DEF

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Compute/Tasks/launchinginstance.htm>

NEW QUESTION 2

- (Exam Topic 1)

Which two choices are true for Oracle Autonomous Database with Shared Exadata Infrastructure?

- A. Billing for storage usage continues when autonomous database is stopped.
- B. Billing stops for both CPU and storage usage when autonomous database is stopped.
- C. Billing for compute usage stops when autonomous database is stopped.
- D. Autonomous database does not support per-second billing.
- E. Billing does not stop when autonomous database is terminated.

Answer: AC

NEW QUESTION 3

- (Exam Topic 1)

You have hired a new employee to run reports from the Autonomous Data Warehouse (ADW) and are not confident in their SQL writing ability. Into which consumer group will you assign this individual to minimize the impact of their code?

- A. Lowest
- B. Medium
- C. Highest
- D. High
- E. Low

Answer: E

Explanation:

in ADW, The tnsnames.ora file provided with the credentials zip file contains three database service names identifiable as high, medium, and low. The predefined service names provide different levels of performance and concurrency for Autonomous Data Warehouse.

high: The High database service provides the highest level of resources to each SQL statement resulting in the highest performance, but supports the fewest number of concurrent SQL statements. Any SQL statement in this service can use all the CPU and IO resources in your database. The number of concurrent SQL statements that can be run in this service is 3, this number is independent of the number of OCPUs in your database.

medium: The Medium database service provides a lower level of resources to each SQL statement potentially resulting a lower level of performance, but supports more concurrent SQL statements. Any SQL statement in this service can use multiple CPU and IO resources in your database. The number of concurrent SQL statements that can be run in this service depends on the number of OCPUs in your database.

low: The Low database service provides the least level of resources to each SQL statement, but supports the most number of concurrent SQL statements. Any SQL statement in this service can use a single CPU and multiple IO resources in your database. The number of concurrent SQL statements that can be run in this service can be up to 300 times the number of OCPUs.

The predefined service names provide different levels of performance and concurrency for Autonomous DB Choose whichever database service offers the best balance of performance and concurrency.

Use the low database service name. to minimize the impact of their SQLs to by low consumer group

NEW QUESTION 4

- (Exam Topic 1)

Your company uses the Oracle Cloud Infrastructure (OCI) Object Storage service to share large data sets with its data science team. The data science team consists of 20 people who work from offices in Washington, D.C., and Tokyo. While working in these offices, employees are assigned an IP address from the public IP range 129.146.31.0/27

Which two steps should you take to ensure that the Object Storage bucket used in this scenario was only accessible from these office locations? (Choose two.)

- A. Write an IAM policy that includes the conditional statement where request.networkSource.name=CorpNet
- B. Set the bucket visibility to public and only share the URL with the data science team via email
- C. Create a pre-authenticated request for each data set and only share with the data science team via email
- D. Create a Network Source named CorpNetwork with a CIDR block of 129.146.31.0/27
- E. Create a Network Source named CorpNetwork with a CIDR block of 129.146.0.0/16
- F. Write an IAM policy that includes the conditional statement where request.region = 129.146.31.0/27

Answer: CE

NEW QUESTION 5

- (Exam Topic 1)

You have an application server running in a public subnet on a compute instance in US West (us-phoenix-1) region of Oracle Cloud Infrastructure (OCI). The data

sitting on this instance needs to be copied to OCI Object storage bucket available in the same region without traversing over the internet. To enable the connectivity between the instance and Object Storage, you created a service gateway with service CIDR of all Object Storage in us-phoenix-1 enabled. You also modified the security rules to allow the desired traffic. However, when you tried sending the data to the Object Storage bucket, you notice that the data is going over the internet and not via the service gateway. What could be the possible reason for this behavior?

- A. The route table associated with the subnet has no route rule where the destination is object storage service
- B. The service gateway created in the VCN resides in a different availability domain
- C. The security list associated with the subnet has an egress rule that allows all traffic to be forwarded to a destination CIDR 0.0.0.0/0
- D. Identity and Access Management (IAM) policies restrict the access to the object storage bucket

Answer: A

NEW QUESTION 6

- (Exam Topic 1)

Which statement is true about interconnecting Virtual Cloud Network (VCN)?

- A. VCNs support transitive peering.
- B. Peering VCNs should not have overlapping CIDR blocks.
- C. VCNs must be in the same tenancy to be peered.
- D. The only way to interconnect VCNs is through peering.

Answer: B

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Tasks/remoteVCNpeering.htm> (note)

NEW QUESTION 7

- (Exam Topic 1)

You work for a health insurance company that stores a large number of patient health records in an Oracle Cloud Infrastructure (OCI) Object Storage bucket named "HealthRecords".

Each record needs to be securely stored for a period of 5 years for regulatory compliance purposes and cannot be modified, overwritten or deleted during this time period. What can you do to meet this requirement?

- A. Create an OCI Object Storage Lifecycle Policies rule to archive objects in the HealthRecords bucket for five years.
- B. Create an OCI Object Storage time-bound Retention Rule on the HealthRecords bucket for five years.Enable Retention Rule Lock on this bucket.
- C. Enable encryption on the HealthRecords bucket using your own vault master encryption keys.
- D. Enable versioning on the HealthRecords bucket.

Answer: B

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Object/Tasks/usingretentionrules.htm>

NEW QUESTION 8

- (Exam Topic 1)

Which two components cannot be deleted in your Oracle Cloud Infrastructure Virtual Cloud Network? (Choose two.)

- A. Service gateway
- B. Default security list
- C. Routing gateway
- D. Default route table
- E. Default subnet

Answer: BD

Explanation:

Reference: <https://www.oracle.com/a/ocom/docs/vcn-deployment-guide.pdf> (4)

NEW QUESTION 9

- (Exam Topic 1)

What happens after you successfully run the following command on your Oracle Cloud Infrastructure Container Engine for Kubernetes (OKE) using the YAML file defined below?

kubectl create -f definition.yml YAML file – definition.yml

```
apiVersion: v1
kind: Pod
metadata:
  name: myapp
  labels:
    app: myapp
spec:
  containers:
    - name: nginx-image
      image: nginx
    - name: mysql-image
      image: mysql
```

- A. A single Pod with a single container is created.
- B. Two Pods with a container each are created.
- C. A single Pod with two containers is created.
- D. No Pod gets created.

Answer: C

NEW QUESTION 10

- (Exam Topic 1)

You developed a microservices based application that runs on Oracle Cloud Infrastructure (OCI) Container Engine for Kubernetes (OKE). You want to provide access to this cluster to other team members.

What should you do to provide access to this cluster using as fewest steps as possible?

- A. Create a group in OCI Infrastructure Access Management (IAM). Create a policy to grant access to the OKE cluster.
- B. Other team members should use OCI Cloud Shell to generate the kubeconfig into their own cloud shell environment and access the cluster using kubectl from cloud shell.
- C. Create a group in OCI Infrastructure Access Management (IAM). Create a policy to grant access to the OKE cluster.
- D. Create individual users and access token for each team member.
- E. Other team members should use OCI Cloud Shell to generate the kubeconfig into their own cloud shell environment and access the cluster using kubectl from cloud shell.
- F. Create a group in OCI Infrastructure Access Management (IAM). Create a policy to grant access to the OKE cluster.
- G. Create a cluster role and cluster role binding to provide access to the cluster for each team member.
- H. Other team members should install oci cli and kubectl locally on their laptop.
- I. Use the oci cli to generate the kubeconfig and use kubectl to access the cluster.
- J. Create a group in OCI Infrastructure Access Management (IAM). Create a policy to grant access to the OKE cluster.
- K. Other team members should install oci cli and kubectl locally on their laptop.
- L. Use the oci cli to generate the kubeconfig and use kubectl to access the cluster.

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

Your customer is using an Oracle Cloud Infrastructure (OCI) compartment named Production that hosts several resources such as compute instances, DB Systems and File Systems. Each resource in the Production compartment is tagged.

The customer's security team wants to restrict access to DB Systems to only the authorized group of DBAs. Which OCI Tagging capability can be used to meet this requirement?

- A. Tags Defaults with predefined values
- B. Tag Defaults
- C. Cost-Tracking Tags
- D. Tag-based Access Control

Answer: D

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Tagging/Tasks/managingaccesswithtags.htm#about>

NEW QUESTION 14

- (Exam Topic 1)

Which of the following statements is true about the Oracle Cloud Infrastructure (OCI) Object Storage serverside encryption?

- A. Encryption of data encryption keys with a master encryption key is optional.
- B. Customer-provided encryption keys are always stored in OCI Vault service.
- C. Encryption is enabled by default and cannot be turned off.
- D. Each object in a bucket is always encrypted with the same data encryption key.

Answer: B

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Object/Tasks/usingyourencyptionkeys.htm>

NEW QUESTION 15

- (Exam Topic 1)

Which two are Regional resources in Oracle Cloud Infrastructure? (Choose two.)

- A. Ephemeral public IPs
- B. Compartments
- C. Compute images
- D. Dynamic groups
- E. Block volume backups

Answer: BD

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/General/Concepts/regions.htm>

NEW QUESTION 16

- (Exam Topic 1)

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Which two methods are supported for migrating your on-premises Oracle database to an Oracle Autonomous Transaction Processing (ATP) database in Oracle Cloud Infrastructure? (Choose two.)

- A. Load text files into ATP using SQL Developer.
- B. Use RMAN duplicate.
- C. Use Oracle Data Pump.
- D. Transfer the physical database files and re-create the database.
- E. Use database backup and restore.

Answer: CD

Explanation:

Reference: <https://docs.oracle.com/en/solutions/migrate-to-atp/index.html#GUID-28E5A683-6DC6-4A07-BB1C-55F020D4C1CD>

NEW QUESTION 21

- (Exam Topic 1)

You are a network architect and have designed the network infrastructure of a three-tier application on Oracle Cloud Infrastructure (OCI). In the architecture, back-end DB servers are in a private subnet. One of your DB administrators requests to have access to OCI object storage service.

How can you meet this requirement?

- A. Add a new route rule to the private subnet route table to route default traffic to the internet gateway.
- B. Attach a public IP address to the instances in the private subnet, and then add a new route rule to the private subnet route table to route default traffic to the internet gateway.
- C. Create a dynamic routing gateway (DRG) and attach it to your virtual cloud network (VCN). Add a default route rule to the private subnets route table and set the target as DRG.
- D. Create a service gateway, add a new route rule to the private subnet route table that uses object storage as target type.

Answer: D

Explanation:

A service gateway lets resources in your VCN privately access specific Oracle services, without exposing the data to an internet gateway or NAT. The resources in the VCN can be in a private subnet and use only private IP addresses. The traffic from the VCN to the service of interest travels over the Oracle network fabric and never traverses the internet.

To give your VCN access to a given service CIDR label, you must enable that service CIDR label for the VCN's service gateway. You can do that when you create the service gateway, or later after it's created. You can also disable a service CIDR label for the service gateway at any time.

For traffic to be routed from a subnet in your VCN to a service gateway, you must add a rule accordingly to the subnet's route table. The rule must use the service gateway as the target.

Reference:

<https://blogs.oracle.com/cloud-infrastructure/connect-private-instances-with-oracle-services-through-an-oracle-cl>

NEW QUESTION 24

- (Exam Topic 1)

You are responsible for creating and maintaining an enterprise application that consists of multiple storage volumes across multiple compute instances in Oracle Cloud Infrastructure (OCI).

The storage volumes include boot volumes and block volumes for your data storage. You need to create backups of these storage volumes in the most time-efficient manner.

How can you meet this requirement?

- A. Create clones of all boot volumes and block volumes one at a time.
- B. Create on-demand full backups of boot volumes, and copy data in block volumes to Object Storage using OCI CLI.
- C. Create on-demand full backups of block volumes, and create custom images from the boot volumes.
- D. Group together multiple storage volumes in a volume group and create volume group backups.

Answer: D

Explanation:

Reference: <https://docs.cloud.oracle.com/en-us/iaas/Content/Block/Concepts/volume-groups.htm>

NEW QUESTION 26

- (Exam Topic 1)

Which option is NOT a valid action within the Oracle Cloud Infrastructure (OCI) Block Volume service?

- A. Clone an existing volume to a new, larger volume.
- B. Restore from a volume backup to a larger volume.
- C. Shrink an existing volume in place with offline resizing.
- D. Expand an existing volume in place with offline resizing.

Answer: C

NEW QUESTION 27

- (Exam Topic 2)

Which two identity providers can your administrator federate with Oracle Cloud Infrastructure? (Choose two.)

- A. Microsoft Active Directory
- B. Oracle Identity Cloud Services
- C. AWS Directory Services
- D. Google Directory Federation Services

Answer: AB

Explanation:

References:

Oracle Cloud Infrastructure supports federation with Oracle Identity Cloud Service and Microsoft Active Directory (via Active Directory Federation Services (AD FS)), and any identity provider that supports the Security Assertion Markup Language (SAML) 2.0 protocol.

NEW QUESTION 32

- (Exam Topic 2)

Which storage would you use if your big data workload requires shared access and an NFS based interface?

- A. File Storage
- B. Storage Software Cloud Appliance
- C. Object Storage
- D. Archive Storage
- E. Block Volume

Answer: A

Explanation:

References: <https://docs.cloud.oracle.com/iaas/Content/File/Concepts/filestorageoverview.htm>

The File Storage service is designed to meet the needs of applications and users that need an enterprise file system across a wide range of use cases, including the following:

General Purpose File Storage: Access to an unlimited pool of file systems to manage growth of structured and unstructured data.

Big Data and Analytics: Run analytic workloads and use shared file systems to store persistent data.

Lift and Shift of Enterprise Applications: Migrate existing Oracle applications that need NFS storage, such as Oracle E-Business Suite and PeopleSoft.

Databases and Transactional Applications: Run test and development workloads with Oracle, MySQL, or other databases.

Backups, Business Continuity, and Disaster Recovery: Host a secondary copy of relevant file systems from on premises to the cloud for backup and disaster recovery purposes.

MicroServices and Docker: Deliver stateful persistence for containers. Easily scale as your container-based environments grow.

NEW QUESTION 37

- (Exam Topic 2)

Which option lists Virtual Cloud Networks (VCNs) that can be peered?

- A. VCN A (172.16.0.0/24) and VCN B (172.16.0.0/28)
- B. VCN A (10.0.0.0/16) and VCN B (10.1.0.0/16)
- C. VCN A (10.0.2.0/16) and VCN B (10.0.2.0/25)
- D. VCN A (10.0.0.0/16) and VCN B (10.0.16.0/24)

Answer: B

NEW QUESTION 39

- (Exam Topic 2)

Which five are the required parameters to launch an instance in Oracle Cloud Infrastructure? (Choose five.)

- A. subnet
- B. Availability Domain
- C. Virtual Cloud Network
- D. host name
- E. instance shape
- F. image operating system
- G. private IP address

Answer: ABCEF

Explanation:

References: <https://docs.cloud.oracle.com/iaas/Content/Compute/Concepts/computeoverview.htm>

NEW QUESTION 44

- (Exam Topic 2)

Which is a customer's responsibility on an Oracle Cloud Infrastructure database?

- A. patching the database and OS
- B. creating the first default database on the DBCS server
- C. creating an ASM diskgroup for data file or temp file storage
- D. installing the operating system (OS), Grid Infrastructure, and database software

Answer: A

Explanation:

On autonomous there's no patching needed. But on the regular DB Cloud services you need to patch the DB and the OS. During the creation on the OCDB the first DB is created automatically

Oracle automatically takes care of Operating system Installation/Configuration, Grid Infrastructure, ASM diskgroup Creation/Configuration, and database software Installation and first database on the DB System. that's all when Creating DB Systems. and then the customer responsible to apply the patches to the database and OS

NEW QUESTION 46

- (Exam Topic 2)

Which two are true for achieving High Availability on Oracle Cloud Infrastructure? (Choose two.)

- A. Store your database across multiple regions so that half of the data resides in one region and the other half resides in another region.
- B. Attach your block volume from Availability Domain 1 to a compute instance in Availability Domain 2 (and vice versa) so that they are highly available.
- C. Configure your database to have Data Guard in another Availability Domain in Sync mode within a region.
- D. Store your database files on Object Storage so that they are available in all Availability Domains in all regions.
- E. Distribute your application servers across all Availability Domains within a region.

Answer: CE

NEW QUESTION 47

- (Exam Topic 2)

Which three methods can you use to manage Oracle Cloud Infrastructure services? (Choose three.)

- A. Oracle Cloud Infrastructure Desktop Client
- B. Oracle Cloud Infrastructure Console
- C. SSH or RDP
- D. Command-line Interface
- E. REST API

Answer: BDE

Explanation:

<https://docs.cloud.oracle.com/iaas/Content/GSG/Concepts/baremetalintro.htm>

NEW QUESTION 50

- (Exam Topic 2)

You need to transfer over 12 TB of data from on-premises to your cloud account. You started copying this data over the internet and noticed that it will take too long to complete.

Without increasing the costs of your subscription, what is the recommended way to send this amount of data to your cloud account?

- A. Use Data Transfer Service to send your data.
- B. Split the data into multiple parts and use the multipart tool.
- C. Use a 10 GB FastConnect line to send the data.
- D. Send the data over a VPN IPsec tunnel.
- E. Compress the data and use the multipart tool.

Answer: A

Explanation:

References:

Overview of Data Transfer ServiceOracle offers offline data transfer solutions that let you migrate data to Oracle Cloud Infrastructure. Moving data over the public internet is not always feasible due to high network costs, unreliable network connectivity, long transfer times, and security concerns. Our transfer solutions address these pain points, are easy to use, and provide significantly faster data upload compared to over-the-wire data transfer.<https://docs.cloud.oracle.com/iaas/Content/DataTransfer/Concepts/overview.htm>

NEW QUESTION 55

- (Exam Topic 2)

Which three are capabilities of the dbaascli utility? (Choose three.)

- A. Patching the primary database deployment
- B. Open port 1521 in the VCN to allow for traffic to the listener
- C. Start and open the database instance
- D. Switchover and failover in an Oracle Guard configuration
- E. Clone a DB

Answer: ACD

Explanation:

<https://docs.oracle.com/en/cloud/paas/database-dbaas-cloud/csdbi/dbaascli.html> Using the dbaascli utility, you can:
Change the password of a database user. Start and stop a database.
Start and stop the Oracle Net listener
Check the status of the Oracle Data Guard configuration.
Perform switchover and failover in an Oracle Data Guard configuration. Patch the database deployment.
Perform database recovery. Rotate the master encryption key.
<https://docs.oracle.com/en/cloud/paas/database-dbaas-cloud/csdbi/dbaascli.html>

NEW QUESTION 56

- (Exam Topic 2)

When creating a subnet, one or more placeholder security lists are often associated with the subnet. Why?

- A. Each operator needs its own security list.
- B. Each protocol needs its own security list.
- C. Each network endpoint or instance in the subnet needs its own security list.
- D. It is not possible to add or remove security lists after a subnet is created.

Answer: C

Explanation:

References: <https://docs.cloud.oracle.com/iaas/Content/Network/Concepts/securitylists.htm?tocpath=Services%7CNetworki>

NEW QUESTION 61

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