

# Test: Practice Exam For - Oracle Cloud Infrastructure 2021 Architect Associate Certification

Answer the question(s) on this page, and click Next to go to the next test page. Click Summary to see which questions you need to answer before submitting the test. Click Finish Test if you are ready to submit your test.

## Oracle Cloud Infrastructure 2021 Architect Associate Certification (Practice Exam)

(Answer all questions in this section)

1. Which type of load balancer distributes traffic based on IP address and destination ports only?

- Layer-2
- Layer-4
- Layer-7
- Layer-6

2. Which TWO statements are true about private IP objects?

(Choose all correct answers)

- Each instance receives a primary private IP object and a secondary private IP object at launch.
- You can add a secondary private IP to either the primary VNIC or a secondary VNIC of an instance after it's launched.
- A private IP can have a public IP assigned to it.
- Secondary private IPs must be manually deleted when you terminate the mapped instance.

3. Which two statements are true about application-based load balancers?

(Choose all correct answers)

- They perform content-based routing.
- They are based on IP address and destination ports only.
- They support both HTTP and HTTPS.
- They act only on the TCP layer variables.

4. Your application or workload includes big data and analytics, media processing, or content management. You require Portable Operating System Interface (POSIX)-compliant file system access semantics and concurrently accessible storage. Which storage service must you use?

- Vault Storage
- File Storage
- Block Storage
- Object Storage

5. Which TWO connectivity options can you use to give your virtual cloud network (VCN) access to the Internet?

(Choose all correct answers)

- Internet gateway
- NAT gateway
- Service gateway
- FastConnect

6. You have enabled versioning for a bucket. What happens when you upload an object with the same name as an existing object?

- The existing object becomes a previous version and the newly uploaded object becomes the latest version.
- It returns an error.
- The existing object is moved to a different bucket which has been marked for archival.
- The object is overwritten and the overwritten object is not retained or recoverable.

7. Database admins and app developers want to run OLTP and OLAP workloads directly from their MySQL database, thus eliminating the need for complex, time-consuming, and expensive data movement and integration with a separate analytics database? Which feature of MySQL database service enables this?

- Exalogic
- Automatic Memory Management
- ElastiCache
- Heatwave

8. Which Oracle Database edition is required to deploy a two-node Oracle RAC DB system?

- Enterprise Edition - Extreme Performance
- Enterprise Edition - High Performance
- Standard Edition
- Enterprise Edition

9. Which FOUR types of images can be used in Oracle Cloud Infrastructure?

(Choose all correct answers)

- Oracle-provided Solaris images
- Prebuilt application images from Oracle available in the OCI Marketplace
- Custom images created from existing images in OCI
- Oracle-provided Linux images
- Oracle-provided Windows images

10. Which co-managed database service applies the combined power of Exadata and Oracle Cloud Infrastructure while enabling you to meet your organization's data-residency requirements?

- Bare metal and virtual machine DB systems
- Exadata Cloud@Customer
- Autonomous Database
- Exadata Cloud Service

11. Which protocol is used by FastConnect?

- DNS routing
- OSPF
- IPSec
- BGP

12. Which two statements are true about Object Storage?

(Choose all correct answers)

- Archive is the default tier for Object Storage buckets.
- It is a regional service and is not tied to any specific compute instance.
- It supports private access from Oracle Cloud Infrastructure resources in a VCN through a service gateway.
- You can back up a DB system to Object Storage only via the Internet.

13. Which Traffic Management Steering policy distributes DNS traffic to different endpoints based on the location of the end user?

- ASN steering
- Geolocation steering
- IP prefix steering
- Load balancer

14. At which level are retention rules configured?

- Object level
- Compartment level
- Bucket level
- Namespace level

15. Which two statements are true about auth tokens?  
(Choose all correct answers)

- They expire after 14 days by default.
- They make use of a public key/private key pair.
- They can be used to authenticate third-party APIs.
- Every user can generate up to two auth tokens.

16. What is the allowable VCN size range?

- /16 through /30
- /8 through /16
- /0 through /32
- /8 through /24

17. When you enable auto tiering, objects larger than 1 MiB are automatically moved from the Standard tier to which tier?

- Infrequent Access tier
- Redundancy tier
- Backup tier
- Archive tier

18. When changing the performance level of boot volumes, which two performance levels can you select?

(Choose all correct answers)

- Lower cost
- High performance
- Ultra-high performance
- Balanced

19. Which four layers of access control are used by the File Storage service?

(Choose all correct answers)

- Web application firewall
- Key management
- NFS export option
- NFS v.3 Unix security
- Network security
- Oracle Cloud Infrastructure (OCI) policy

20. Which cloud solution in Oracle Cloud Infrastructure lets you index, enrich, aggregate, explore, search, analyze, correlate, visualize, and monitor all log data from your applications and system infrastructure?

- Logging analytics
- Service analytics
- Correlated analytics
- Monitoring analytics

21. Which TWO statements are true about the OS Management service?

(Choose all correct answers)

- It allows you to specify a date and time when a managed instance will be updated.
- Actions such as installing or removing updates are synchronous and do not initiate work requests.
- If the OS Management service fails while updating a package, you must contact Oracle Support to identify the cause of failure.
- If a managed instance is terminated, the OS Management service will automatically remove it from the managed instance list.

22. Which two statements are true about NoSQL Cloud Service?

(Choose all correct answers)

- Database deployment can be at on-premises data centers, or BYOL with Oracle Cloud or other cloud vendors.
- Throughput capacity is measured in write units and read units.
- It interoperates with NoSQL Database Enterprise edition through a single programmatic interface with no application code modification.
- Storage capacity is managed in each NoSQL cluster.

23. Which block volume performance level is recommended for throughput-intensive workloads with large sequential I/O, such as streaming, log processing, and data warehouses?

- High performance
- Lower cost
- Balanced
- Ultra-high performance

24. You want a specific set of users, who do not have IAM user credentials, to access a bucket for a duration of 2 days. Which mechanism can help you achieve this?

- Moving the bucket to an archive tier
- Pre-authenticated requests
- Converting the bucket to a public bucket
- Auto config file creation

25. For which TWO types of workloads must you use a bare metal compute instance?

(Choose all correct answers)

- Virtualized workloads
- Workload that do not require BYO image
- Workloads that require a specific hypervisor
- Performance-sensitive workloads

26. You want to make a point-in-time snapshot of the data on a block volume. Under which condition can you make a block volume backup?

- Only when it is detached from all instances
- OCI does not provide point-in-time backup of data on a block volume.
- When it is attached to an instance or while it is detached
- Only when it is attached to an instance

27. Which two statements are true about boot volumes?

(Choose all correct answers)

- When you terminate your instance, you can keep the associated boot volume and use it to launch a new instance, but it must be of the same shape and size as the original instance.
- You cannot group boot volumes with block volumes into the same volume group
- When you launch a virtual machine (VM) or bare metal instance based on a platform image or custom image, a new boot volume for the instance is created in the same compartment.
- When you terminate the instance, you can preserve the boot volume and its data.

28. Which three components are managed by the customer and not by Oracle in a shared security model of OCI?

(Choose all correct answers)

- Physical hosts
- Data
- Physical networks
- Accounts and identities
- Application

29. An instance running in a development compartment needs to make API calls to other OCI services. How can you achieve this without configuring user credentials or setting up a configuration file?

- Create a dynamic group with matching rules to include your instance and write a policy for this dynamic group.
- Instances can automatically make calls to other OCI services; hence no configuration is needed.
- Create a dynamic group with matching rules to include your instance.
- The requirement cannot be achieved with configuring user credentials or setting up a configuration file.

30. At which layer of the OSI model does a web application firewall help to filter traffic?

- Presentation layer
- Application layer
- Datalink layer
- Transport layer

31. Which network security service allows you to separate the VCN's subnet architecture from your application security requirements?

- Security lists
- Access control
- Flow logs
- Network security group

32. Which TWO statements are true about autoscaling?

(Choose all correct answers)

- Metric-based autoscaling relies on performance metrics that are collected by the Tracking service.
- For autoscaling to work, you must configure a load balancer.
- Each instance pool can have only one autoscaling configuration. (\*)
- An autoscaling configuration can include one or more autoscaling policies. (\*)

33. Which TWO statements are true about security lists?

(Choose all correct answers)

- The default security list allows TCP traffic on destination port 22 (SSH) from authorized source IP addresses and any source port.
- Each subnet can have only one security list associated with it.
- The default security list does not include a rule to allow ping requests.
- They are applied to a group of VNICs of your choice instead of all the VNICs in a given subnet.

34. Which OCI networking method must you use to divide your network into multiple VCNs based on departments, with each VCN having direct, private access to the others while avoiding traffic flowing over the Internet or through your on-premises network?

- VCN peering
- Site-to-site VPN
- FastConnect
- NAT gateway

35. What is used to specify the actions that Cloud Guard can take when detectors identify problems?

- Responder
- Metrics
- Threshold
- Alarms

36. Which Object Storage tier would you use for data that you need to access quickly, immediately, and frequently?

- Infrequent access tier
- High performance tier
- Ultra-high performance tier
- Standard tier
- Archive tier

37. Which three other components are emitted along with raw data points or timestamp-value pairs as metrics to the Monitoring service?

(Choose all correct answers)

- Attribute
- Dimension
- Data
- Metadata
- Namespace

38. When you create a block volume, what is its default performance level?

- Balanced
- Lower cost
- Ultra-high performance
- High performance

39. For maximum cost efficiency, when launching compute instances, which capacity type must you select for workloads that run periodically or for short periods of time and that don't require continuous availability?

- Pre-emptible capacity
- Dedicated capacity
- On-demand capacity
- Reserved capacity

40. Which gateway allows resources within a VCN to communicate with the Internet but prevents any inbound traffic?

- NAT gateway
- Dynamic routing gateway
- Service gateway
- Internet gateway

41. Which three statements are true about compartments?

(Choose all correct answers)

- One compartment can have resources from multiple regions.
- Multiple compartments can share a single resource.
- You can set a budget on a compartment such that you are notified as soon as the budget is exceeded.
- You cannot control the type of resources that can be created within a compartment.
- Compartments can be nested.

2. Compartment A is a child compartment of root.

Compartment B is a child compartment of Compartment A.

Compartment C is a child compartment of Compartment B.

You have attached the following policy to Compartment A:

Allow group NetworkAdmins to manage virtual-network-family in Compartment A.

For which compartments can a user of the NetworkAdmin group manage VCNs?

- Compartment A only
- Root compartment, Compartment A, Compartment B, and Compartment C
- Compartment B and Compartment C only
- Compartment A, Compartment B, and Compartment C only

43. When triggered, an alarm sends an alarm message to the configured topic. In which service is the topic configured?

- Management
- Notification
- Synchronization
- Monitoring

44. Examine these two policies:

Allow group GroupAdmins to manage groups in tenancy where all {target.group.name=/A-\*/,target.group.name!='A-Admins'}

Allow group GroupAdmins to inspect groups in tenancy

Which statement is true?

- GroupAdmins can create, update, or delete any groups whose names start with "A."
- GroupAdmins can create, update, or delete any groups whose names start with "A-", except for the A-Admins group.
- GroupAdmins can create, update, or delete any groups whose names start with "A."
- GroupAdmins can create, update, or delete any groups whose names end with "A-", except for the A-Admins group.

45. Which two statements are true about local VCN peering?

(Choose all correct answers)

- The VCNs can be in different Oracle Cloud Infrastructure tenancies but in the same region.
- You can use a single DRG for local peering.
- The two VCNs must have overlapping CIDRs.
- It uses an Internet gateway.

46. Which Oracle-defined backup policy includes weekly incremental backups that run on Sunday, also includes a full backup that runs yearly during the first part of January, and is retained for five years?

- Platinum policy
- Bronze policy
- Silver policy
- Gold policy

47. Which two statements are true about a block volume clone?

(Choose all correct answers)

- It creates a single point-in-time copy of a volume without having to go through the backup and restore process.
- It is slower than a block volume backup.
- You can clone a volume group.
- It makes use of Object Storage.

48. You want to forbid the creation of public buckets in Object Storage.

Which OCI security feature can you use to achieve this?

- Roving Edge infrastructure and data sets
- Triggers and procedure
- Security zone and security zone recipe
- Event notifications and topics

49. Which type of logs are emitted by API gateways, events, and Object Storage?

- Custom logs
- Audit logs
- Archive logs
- Service logs

50. Which OCI security feature can you use to ensure that unwanted bots are mitigated while desirable bots are allowed to enter?

- Data Vault
- Security zone
- Web application firewall
- Cloud Guard

51. Which policy is automatically applied when you create a cloud account?

- Allow Group Administrator to manage all-resources in all-compartments
- Allow Group Administrator to manage all-resources in tenancy
- Allow Group Administrator to manage all-resources in all-domains
- Allow Group Administrator to manage all-resources in regions

52. Which three security services provide infrastructure protection?  
(Choose all correct answers)

- DdoS Protection
- Securitiy lists
- Cloud Guard
- Key Vault
- WAF

53. Which three encryption algorithms are supported by OCI Vault?  
(Choose all correct answers)

- ECDSA
- HMAC
- RSA
- AES
- IDEA

54. Examine this policy:

Allow group GroupMgr to manage volumes in tenancy where request.permission != 'VOLUME\_DELETE'

Which three actions can a user belonging to the GroupMgr group perform?  
(Choose all correct answers)

- Update volumes.
- Delete volumes.
- Move volumes.
- Create volumes.

55. You have two objects in a bucket: ObjectX and ObjectY. ObjectX was last modified 14 months ago and Object Y was last modified 3 months ago. You create a retention rule with a duration of 1 year. Which two statements are true?  
(Choose all correct answers)

- Object X cannot be modified or deleted for the next 2 months.
- Object X can be modified or deleted immediately.
- Object Y can be modified or deleted immediately.
- Object Y cannot be modified or deleted for the next 9 months.

56. Which TWO statements are true about site-to-site VPN?

(Choose all correct answers)

- You cannot use multiple site-to-site connections between your on-premises network and virtual cloud network (VCN).
- You need a dynamic routing gateway when you are trying to connect your VCN to the Internet by using site-to-site VCN.
- It provides a site-to-site IPSec connection between your on-premises network and your virtual cloud network (VCN).
- It encrypts IP traffic before the packets are transferred from the source to the destination and decrypts the traffic when it arrives.

57. Which two statements are true about cloning a file system?

(Choose all correct answers)

- You can clone a parent file system but you cannot create a clone of a clone.
- File system properties such as compartment, tags, display name, keys, and mount target export information are not copied over from the parent.
- You can create multiple clones of a parent file system in the same availability domain.
- All snapshots that exist in the parent file system are inherited by the clone, up to and including the snapshot that is used as the source of the clone.

58. Which autonomous database type is specialized for developing NoSQL-style applications that use JavaScript Object Notation documents?

- Autonomous JSON Database
- Oracle APEX Application Development
- Autonomous Transaction Processing
- Autonomous Data Warehouse

59. You want users of the NetworkAdmin group to manage a cloud network in any compartment of a tenancy. What must you allow the NetworkAdmin group to do?

- Use virtual-network-family in compartment XYZ.
- Manage instance-family in compartment ABC.
- Manage virtual-network-family in tenancy.
- Manage network-catalog-listing in tenancy.

60. Which TWO conditions must be met for an instance to communicate directly with the Internet?  
(Choose all correct answers)

- Public subnet must have route tables without any security lists.
- Instance must be in a private subnet.
- Instance's VCN must have an Internet gateway.
- Instance must have a public IP address.

61. What happens to traffic if there is no route rule that matches the network traffic you intend to route outside the VCN?

- It is sent over FastConnect.
- It is sent over the NAT gateway
- It is sent over the Internet gateway
- It is dropped.

62. Which three statements are true about a master encryption security key protected by software?  
(Choose all correct answers)

- It is stored in a server.
- Cryptographic operations are allowed on clients.
- It can be exported from a server.
- It is stored in an HSM device.
- It cannot be exported from HSM.

정답

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