**ORACLE CLOUD INFRASTRUCTURE FOUNDATIONS QUESTIONS**

**01. What two statements regarding the Virtual Cloud network (VCN) are true?**

**a)** **A Single VCN can contain both private and public Subnets**

**b) VCN is regional resource that span across all the availability Domains in a Region**

**c)** You can only create one VCN per region

**d)** The VCN is the IPSec based connection with a remote on premises location

**e)** VCN is a global resource that span across all the Regions

2. **Which is not considered a security resource within oracle cloud infrastructure?**

**a)** Network Security Group

**b)** Web Application Firewall

**c) File Storage Service**

**d)** Security Lists

3. **Which capability can be used to protect against unexpected hardware or power supply failures within an Availability Domain?**

**A. Fault Domains**

B. Top of Rack Switches

C. Compartments

D. Power Distribution Units

4. **Which feature allows you to logically group and isolate your Oracle Cloud Infrastructure resources?**

A. Identity and Access Management Groups

B. Tenancy

C. Availability Domain

**D. Compartments**

**5. Which Oracle Cloud Infrastructure Identity and Access Management capability helps you to organize multiple users into teams?**

A. Dynamic Groups

**B. Groups**

C. Policies

D. Users

6. **You have a mission-critical application which requires to be globally available at all times. Which deployment strategy should you adopt?**

A. Use multiple Fault Domains in any Availability Domain in multiple Regions.

B. Use multiple Availability Domains in one Region.

**C. Use multiple Fault Domains in each Availability Domain in each Region.**

D. Use multiple Fault Domains in one Region.

7. What does vertical scaling mean in terms of compute instance ?

a) Preparing for Disaster Recovery

b) Increasing the height of compute instance

c) Making fault tolerant

**d) Switching to a larger or smaller shape for a compute instance.**

8. Which OCI service helps in distributing the incoming traffic’s load across different services?

a) Auto Scaling

**b) Load Balancer**

c) NAT Gateway

d) OCI Fast Connect

9. What does “Horizontal Scaling” mean in terms of compute instance ?

a) Restarting the compute instance ?

b) Archiving the data to object storage.

**c) Adding more compute instance**

d) Duplicating compute instance to bare metal server

10. Which of the following is the use case of Dynamic Routing Gateway (DRG) in OCI?

a) Helps OCI resources to connect to mobile phones.

b) Helps OCI resources to access high speed internet

**c) Helps OCI compute resources to connect to on-prem network.**

d) Helps OCI compute resources to connect to OCI archive storage .

11. A tenancy administrator in Oracle Cloud Infrastructure is unable to delete a user in the tenancy. What can be the possible root cause for this issue?

a) User has enabled MFA.

b) User cannot be deleted but can only be blocked

**c) User is a member of an IAM group.**

d) Only tenancy administrator who added the user can remove the user .

12. Identify INCORRECT policy syntax for OCI IAM ?

a) Allow dynamic group BackEnd to manage instance family in compartment Prod

**b) Allow all-groups to inspect users in tenancy.**

c) Allow group C Admins to manage all resources in compartment Prod.

d) Allow any-user to inspect users in tenancy.

13. Solution Architect needs to peer two VCN. Which two statements are correct ?

a) VCNs peering must have overlapping CIDRs

**b) VCNs peering may exist in the same OCI region**

**c) VCNs peering may exist in different OCI region**

d) VCNs peered needs to a part of same Tenancy .

14. Which three components cannot be deleted from VCN in OCI ?

a) Default Subnet

**b) Default Security List**

**c) Default Route Table**

**d) Default set of DHCP options**

15. A company has configured load balancers to perform health check on compute instances, What will happen if an instance doesn’t pass the configures the health checks ?

a) The instance is deleted automatically by the load balancer

b) Old instance is replaced by a healthy instance automatically by the load balancer

**c) The load balancer stops sending traffic to the instance.**

d) Instance is moved out of the backend set by the load balancer.

16. Which VCN size range is allowed in OCI ?

a) /8 through /16

b) /0 through /32

**c) /16 through /30**

d) /8 through /24

17. What is the maximum number of security lists by default that can be associated with a subnet while creating in OCI ?

a) 0

b) 1

c) 6

**d) 5**

18. Which load balancer can distribute traffic based on destination port and IP address ?

a) Layer-7 (HTTP)

b) Layer -2

c) Layer-3

**d) Layer-4(TCP/UDP/ICMP)**

19. Which is true about OCI Compartments ?

Select THREE correct statements.

a) One compartment can reside inside another compartment.

b) One compartment can have resources from multiple OCI regions.

**c) Single resource can be shared by multiple compartments.**

d) Budget on a compartment can be set such that if a budget exceeds then a notification will be sent.

20. Which resource do you manage in an IAAS offering

a) Network

b) Servers

c) Storage

**d) Operating System**

21. Which OCI capability can be used to protect against power failures within Availability Domain ?

a) Service Calls

b) Top of Rack Switch

**c) Fault Domains**

d) Data Plane

22. Which statement below is not true for OCI compartments ?

a) Each OCI resource belongs to a single compartment

b) Resources can be moved from one compartment to another

c) Resources and compartments can be added and deleted anytime

**d) Compartment cannot be netted**

23. Which option provides the best performance for running OLTP workloads in OCI ?

**a) OCI Exadata DB systems**

b) OCI Virtual Machine Instance

c) OCI Autonomous Data Warehouse

d) OCI Dedicated Virtual Host

24. You have an application that requires a shared file system. Which OCI service would you choose ?

a) Object Storage

**b) File Storage**

c) Block Volume

d) Archive Storage

25.Which statement is correct regarding the OCI service ?

a) You cannot attach a block volume to a compute instance.

b) You can attach a maximum of one public IP to each compute instance

c) When you stop a compute instance , all data on the boot volume is lost.

**d) You can launch either virtual machines or bare metal machines.**

26.How is total network throughput allocated to a VM instance?

**a) Network bandwidth is proportional to the number of OCPUs in the instance shapes**

b) Each VM is allocated 10 Gbps of network bandwidth regardless of selected shape

c) When launching a compute instance customers may select the desired maximum network bandwidth

d) Network bandwidth is variable