

1. Which of the following is NOT good practices for security?

Delete root user access keys

**Embed secrets in code**

Use roles for applications

Activate multi-factor authentication

2. Which of the following is the most common multi-cloud implementation used in practice? Data integration spanning on multi-cloud

**Different applications isolated on different clouds**

Application workloads running on different clouds

**Disaster recovery using multi-cloud**

3. Assume a web application requires AWS credentials and authorization to use AWS services. Which IAM entity should be used?

User

Group

**Role**

MFA

4. Which of the following is NOT the reason that an organization consider cloud migration? Increased efficiency

Reduced operational expenses

Reduced personnel costs

**Elimination of risks**

5. Which of the following represents the correct set of cloud deployment models? **Public, private, hybrid, community**

Public, private, Joint, community

Public, Internal, Joint, community

External, Internal, hybrid, community

6. Which of the following is NOT the benefit of using Amazon EC2 instances compared to physical servers in your infrastructure?

Pay only for the capacity you use

Resizable

The ability to have different storage requirements

**The ability to hot-add additional RAM**

7. Which of the following statement is correct about levels of parallel computing?

**Instruction level parallelism is ability of multiple instructions executing on multiple processors simultaneously.**

Levels of parallelism are decided based on the number of instruction streams that can be used for parallelism.

**Levels of parallelism are decided based on the number of processors that can be used for parallelism.**

**Instruction level parallelism is ability of multiple instructions executing on a single CPU simultaneously.**

8. Cloud service providers are held to contractual obligations with specified metrics by \_\_\_\_\_.

Law

Discipline

**Service Level Agreements**

Regulations

9. Assume an application composes of individual services. We need to route a request to a service based on the content of the request. What type of load balancer should we use?

Auto Scaling Load Balancer

Gateway load balancer

**Application Load Balancer**

Network Load Balance

10. If proprietary programming languages are used for application development, which model can be used?

**IaaS \***

PaaS

Database as a service

**SaaS**

11. In which of the following model, does the user NOT have control over the deployed

applications in cloud?

Storage as a service

PaaS

IaaS

**SaaS**

12. Which of the following is NOT good practices for security?

Delete root user access keys

**Embed secrets in code**

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Activate multi-factor authentication

13. Which of the followings is NOT a criteria to discriminate whether a service is delivered in the cloud computing style

**Negotiation between the service provider and consumers**

Service accessible via a Web browser or a Web services Application Programming Interface (API)

Pay for what you use

No or minimal upfront cost

14. Which of the following virtualization belongs to system level virtualization?

**Hardware level**

**Operating system level**

Application level

Programming language level

15. Which of the following does NOT support parallel computing?

Single-instruction multiple-data (SIMD) systems

Multiple-instruction single -data (MISD) systems

**Single-instruction single-data (SISD) systems**

Multiple-instruction multiple -data (MIMD) systems

16. Which of the following is a key-value (NoSQL) database in AWS?

Amazon NoSQL-DB

Amazon RDS

Amazon Aurora

**Amazon DynamoDB**

17. Which of the following best describes the types of data for which Amazon S3 Glacier is best suited?

Frequently updated

Requires block storage

The lowest cost storage

**Infrequently or rarely accessed**

18. Which of the following best describes the security discipline of Identity and Access Management (IAM)?

**The right individual gets access to the right resources at the right time for the right reasons**

All uses are properly authorized

All users are properly authenticated

Unauthorized uses will get access the resources

19. Which of the following is the correct order of the phases of the data life cycle? Create, store, use, archive, share, destroy

**Create, store, use, share, archive, destroy**

Create, archive, store, use, share, destroy

Create, use, store, share, archive, destroy

20. Which of the following is the top cloud initiative for organizations using cloud?

Migrating on-premise software to SaaS

Implementing CI/CD

**Optimizing cost2**

Using more container services

21. If a cloud customer wants a secure, isolated sandbox in order to conduct software development and testing, which cloud service model would be the best?

**Public cloud**

SaaS

IaaS

**PaaS**

22. Which of the following is the top challenge on cloud migration?

**Mapping application dependencies**

Optimizing cost

Migrating application and/or data

Selecting the right cloud provider(s)

23. Which of the following does NOT belongs to software architectural styles for distributed computing?

**Client/server**

Call and return

Data-centered

24. Which of the following style belongs to Call and Return architecture style for distributed computing?

Pipe and filter

Repository

**Object-oriented**

Interpreter