

Demo Question - Cloud Computing

Which of the following is NOT a characteristic of cloud computing?

- a) On-demand self-service
- b) Limited network access
- c) Resource pooling
- d) Rapid elasticity

Answer: b) Limited network access

What is the main advantage of cloud computing?

- a) High capital investment
- b) Flexibility and scalability
- c) Manual resource management
- d) Fixed resource allocation

Answer: b) Flexibility and scalability

Which of the following is NOT a type of cloud computing architecture?

- a) Client-Server
- b) Public Cloud
- c) Hybrid Cloud
- d) Private Cloud

Answer: a) Client-Server

Which company first introduced the concept of cloud computing?

- a) Microsoft
- b) Google
- c) Amazon
- d) IBM

Answer: d) IBM

Which virtualization software is commonly used for cloud computing?

- a) VMware Player
- b) VirtualBox
- c) Both a and b
- d) None of the above

Answer: c) Both a and b

Which of the following is a disadvantage of cloud computing?

- a) High availability

- b) Data security concerns
 - c) Cost reduction
 - d) Automatic updates
- Answer:** b) Data security concerns

Which real-world application uses cloud computing?

- a) Google Drive
- b) Dropbox
- c) Netflix
- d) All of the above

Answer: d) All of the above

Cloud computing eliminates the need for?

- a) Internet
- b) Physical servers
- c) Software updates
- d) Data security

Answer: b) Physical servers

9. **Which cloud deployment model is shared among multiple organizations?**

- a) Public
- b) Private
- c) Hybrid
- d) Community

Answer: d) Community

10. **Which of the following is a private cloud provider?**

- a) AWS
- b) OpenStack
- c) Google Cloud
- d) Microsoft Azure

Answer: b) OpenStack

11. **Which cloud model combines private and public cloud features?**

- a) Hybrid Cloud
- b) Public Cloud
- c) Community Cloud
- d) SaaS

Answer: a) Hybrid Cloud

12. **Which cloud service model provides access to virtual machines?**

- a) SaaS

- b) PaaS
- c) IaaS
- d) None of the above

Answer: c) IaaS

13. Which of the following is an example of SaaS?

- a) Google Docs
- b) Amazon EC2
- c) Microsoft Azure
- d) VMware

Answer: a) Google Docs

14. Which cloud service model provides infrastructure resources on demand?

- a) SaaS
- b) PaaS
- c) IaaS
- d) Hybrid Cloud

Answer: c) IaaS

15. Which cloud model provides a platform for application development?

- a) IaaS
- b) PaaS
- c) SaaS
- d) Hybrid Cloud

Answer: b) PaaS

16. Which is NOT a cloud data lifecycle phase?

- a) Data creation
- b) Data deletion
- c) Data theft
- d) Data usage

Answer: c) Data theft

17. Which of the following is true about public clouds?

- a) Managed by third-party providers
- b) Owned by a single organization
- c) Cannot be scaled
- d) Only accessible to government agencies

Answer: a) Managed by third-party providers

18. What is the primary concern with public cloud computing?

- a) Security
- b) High cost
- c) Lack of availability

d) Limited resources

Answer: a) Security

19. Which of the following is NOT a feature of IaaS?

a) Virtual Machines

b) Load Balancers

c) Ready-to-use software

d) Network storage

Answer: c) Ready-to-use software

20. Which of the following is NOT a cloud deployment model?

a) Hybrid

b) Public

c) On-premises

d) Private

Answer: c) On-premises

21. Which company introduced AWS?

a) Google

b) Microsoft

c) Amazon

d) IBM

Answer: c) Amazon

22. What does EC2 stand for in AWS?

a) Elastic Compute Cloud

b) Elastic Cloud Computing

c) Efficient Cloud Computing

d) Enhanced Cloud Control

Answer: a) Elastic Compute Cloud

23. Which of the following is NOT an instance type in AWS?

a) General Purpose

b) Compute Optimized

c) Storage-Optimized

d) SaaS-Based

Answer: d) SaaS-Based

24. Which service is used for auto-scaling instances in AWS?

a) Amazon S3

b) EC2 Auto Scaling

c) CloudFront

d) Route 53

Answer: b) EC2 Auto Scaling

25. Which AWS service provides virtual machine images?

- a) AMI
- b) EBS
- c) Lambda
- d) S3

Answer: a) AMI

26. Which AWS service is used for assigning a static IP to an instance?

- a) Elastic Load Balancer
- b) Elastic IP
- c) Route 53
- d) CloudFront

Answer: b) Elastic IP

27. Which of the following is NOT an AWS storage service?

- a) Amazon Glacier
- b) Amazon EBS
- c) Amazon Redshift
- d) Amazon CloudFront

Answer: d) Amazon CloudFront

28. What type of storage is Amazon S3?

- a) Block Storage
- b) Object Storage
- c) File Storage
- d) Local Storage

Answer: b) Object Storage

29. Which AWS service is used for relational databases?

- a) DynamoDB
- b) RDS
- c) Redshift
- d) Glacier

Answer: b) RDS

30. Which AWS storage service is used for long-term archival storage?

- a) S3
- b) Glacier
- c) EBS
- d) DynamoDB

Answer: b) Glacier

31. **Which AWS service is used to create isolated networks?**

- a) VPC
- b) Route 53
- c) Lambda
- d) CloudTrail

Answer: a) VPC

32. **What does VPC stand for?**

- a) Virtual Public Cloud
- b) Virtual Private Cloud
- c) Variable Processing Cloud
- d) Verified Public Computing

Answer: b) Virtual Private Cloud

33. **Which AWS service is used for domain name resolution?**

- a) Route 53
- b) CloudFront
- c) Direct Connect
- d) IAM

Answer: a) Route 53

34. **Which AWS service accelerates content delivery?**

- a) CloudTrail
- b) CloudFront
- c) Lambda
- d) Auto Scaling

Answer: b) CloudFront

35. **Which AWS service provides dedicated network connections?**

- a) Direct Connect
- b) VPN
- c) Transit Gateway
- d) VPC

Answer: a) Direct Connect