

1. How many VPCs can an EC2 instance be attached to at a time?

- A.2
- B.3
- C.4
- D. 1

Correct: D?

2. What is a NACL?

- A.A logically isolated section of AWS
- B. A table of rules that directs traffic flow in a network
- C. A firewall on the subnet level
- D. A firewall on the instance level

Correct: C

How many VPCs are created by default in a region?

- A 2
- B 3
- C 4
- D 1

Correct: 5?

3. Which of these statements is true of subnets?

(Possible Correct: 3)

- A We cannot add more than one subnets in each AZ – availability zone
- B The default VPC already has subnets created for each AZ by default.
- C Subnets can span AZs.
- D Subnets cannot span AZs.
- E We can add one or more subnets in each AZ.

Correct: B, D, E

4. What does VPC stand for?

- A Virtual Private Cloud
- B Virtualization Platform Cloud
- C Virtualized Private Cloud
- D Virtual Public Cloud

Correct: A

5. Which of the following will grant permissions when directly attached to an IAM User?

- A .IAM Group
- B. IAM Policy
- C. MFA
- D. IAM Role

Correct: B

Explanation: When we want to **directly** attach – policy. Can also through Group, but not the correct answer in this situation

6. Which of the following is not an IAM best practice under "Security Status" in the IAM Dashboard?

- A.Delete root access keys
- B.Create individual IAM users
- C.Activate MFA on your root account
- D.Use groups to assign permissions
- E.Apply an IAM password policy
- F. Store root access keys

Correct: F

Explanation: Root access keys should be deleted

7.Which of the following is not a method of getting or using MFA codes?

- A.Single sign-on
- B.Virtual MFA Device
- C.Hardware key fob
- D.API keys

Correct: A

8.In this scenario, we want to grant an IAM User access to certain AWS services. What could we attach directly to an IAM User that will allow only that user access to that specific AWS service?

- A.IAM Policy
- B.IAM Role
- C.IAM Group
- D.MFA

Correct: A

Explanation: Question 5 paraphrased

9. An EC2 instance needs to access S3. What is the most appropriate way to provide the EC2 instance access to S3?

- A. IAM Role
- B. IAM User
- C. IAM Group
- D. IAM Policy

Correct: A

10. What protects a computer from undesired and/or possibly threatening traffic?

- A. CPU
- B. Network card
- C. RAM
- D. Firewall

Correct: D

11. Which computer component provides a connection to the internet?

- A. CPU
- B. RAM
- C. Network Card
- D. Hard Drive

Correct: C

12. What does the following snippet from an IAM policy do: {"Effect": "Allow", "Action": "\*", "Resource": "S3"}?

- A. It allows this user or group full access to all S3 actions.
- B. It allows this user or group full access to all AWS actions.
- C. It allows this user or group full access to certain S3 actions.
- D. It allows this user or group no access to all S3 actions

Correct: A

13. According to the AWS shared responsibility model for abstracted services such as Amazon S3 and Amazon DynamoDB, what is the customer responsible for? Choose two.

- A. High availability of the endpoints
- B. Managing the data (including encryption options).
- C. Provisioning the underlying infrastructure.
- D. Using IAM to apply the appropriate permissions.
- E. Operating system patches.

Correct: B, D

14. You are working on a project to launch a new online trading application. Many of your competitors have already suffered DDOS attacks and your Security Architect wants to know how you can mitigate against these sorts of attacks. What do you suggest?

- A. Use AWS WAF
- B. Host based IDS / IPS
- C. Use Security Groups and Network ACLs
- D. Use AWS Shield

Correct: D

15. You've been tasked with storing petabytes of non-critical data. It might never be accessed and you'll have 24 hours to get it back if you do need it. What is the most cost-effective storage solution in this scenario?

- A. Glacier
- B. S3-IA
- C. EBS
- D. S3

Correct: A

16. What is AWS Lambda ?

- A. DNS Service
- B. Compute Service
- C. Storage service
- D. Relation database service

Correct: B

17. Which of the following are options for creating Lambda functions? Please select the most appropriate answer.

- A. AWS Lambda does **not** require functions
- B. Author from scratch, using a blueprint, and browsing the serverless app repository
- C. Only Author from scratch and use a blueprint
- D. Only Author from scratch

Correct: B

18. Which of these are examples of cloud bulk storage?

(Possible Correct: 3)

- A. Netflix
  - B. Google Drive
  - C. Amazon S3
  - D. Amazon EBS
  - E. DropBox
- Correct: B,C,E

19. Which of these will allow an organization to cache their environment locally and store the data within the AWS cloud? Please select the best answer.

- A. Tape Gateway – archive tool
  - B. File Gateway – when we need bulk storage
  - C. Stored volumes – all our info stored at our data center, periodically back-ups to the AWS Cloud
  - D. Cached volumes – All info at AWS cloud, only cash with us
- Correct: D

20. What S3 term is used in place of “file”?

- A. Folder
  - B. File
  - C. Bucket
  - D. Object
- Correct: D

21. What is the AWS storage gateway?

- A. Hybrid Storage Service
- B. Computing Service
- C. Networking Service
- D. Monitoring Service

Correct: A

Explanation: Connects our on-premise data center with the AWS cloud

22. What is S3?

- A. Compute Service
- B. Storage Service
- C. Networking Service
- D. Notification Service

Correct: B

23. EBS is an example of \_.

- A. Bulk Storage
- B. Block Storage – can be attached to a Virtual Machine
- C. Simple Storage Service
- D. Storage Gateway

Correct: B

24. Which of the following is **not** an S3 storage class?

- A. Standard IA – Infrequent access
- B. Intelligent IA
- C. Standard
- D. Intelligent Tiering

Correct: B

EXTRA Questions :

(Optional Above expected level)

25. Which of the following default settings are incorrect for a newly created S3 bucket ? (choose 2)

- A. Encryption is not enabled
- B. Transfer Acceleration is enabled
- C. No bucket policy exists.
- D. Versioning is enabled

Correct: B, D

26. Which of the following are s3 bucket properties ? (choose 2)

- A. Server access logging
- B. Object level logging
- C. Storage class
- D. Metadata

Correct: A, B

27. You have created an s3 bucket in us-east-1 region with default configuration. You are located in Asia and deleted an object from the bucket using aws cli. However when you tried to list objects in the bucket, you still see the deleted object. You are even able to download it. What could have caused this behaviour ?

- A. Cross region deletes are not supported by AWS
- B. AWS provides eventual consistency for deletes
- C. AWS keeps copy of deleted objects for 7 days in Standard storage
- D. AWS provides strong consistency for deletes

Correct: B