1. AWS is used on

a. All time

b. On required

c. Scaling is easy

d. b & C

Ans: d

2. AWS had \_\_\_\_ revenue in 2019

a. $35.02

b. $24.31

c. $63.89

d. $76.90

Ans: a

3. Which is not a part of Magic Quadrant for Cloud infrastructure as a service?

a. Challengers

b. NICHE Players

c. Learners

d. Visionaries

Ans: c

4. Identify the Global Infrastructure of AWS

a. AWS Regions

b. AWS Edge

c. a&b

d. a only

Ans: c

5. Choose the correct AWS Regions

a. US East (N.Virginia)

b. US East (Ohio)

c. US West (Oregon)

d. All of the above

Ans: d

6. Identify the correct statement regarding pricing

a. pricing is the same in all the regions and is transparent on the service pricing page

b. pricing varies from region to region and is transparent on the service pricing page

c. pricing is the same in all the regions and is not transparent on the service pricing page

d. pricing varies from region to region and is not transparent on the service pricing page

Ans: b

7. Data Centers of AWS Availability Zone has

a. Redundant Power

b. Networking

c. Connectivity

d. All of the above

Ans: d

8. Maximum availability zones in a region is

a. 7

b. 6

c. 8

d. 5

Ans: b

9. AWS Availability zones are collected with

a. Low bandwidth, Ultra-Low latency networking

b. High bandwidth, Ultra-Low latency networking

c. Low bandwidth, low latency networking

d. High bandwidth, low latency networking

Ans: b

10. Amazon has \_\_\_\_ Points of presence

a. 216

b. 210

c. 220

d. 200

Ans: a

11. What is the minimum size subnet that you can have in an Amazon VPC?

a. /24

b. /26

c. /28

d. /30

Ans: c

12. What is the maximum size IP address range that you can have in an Amazon VPC?

a. /16

b. /24

c. /28

d. /30

Ans: a

13. Which of the following will occur when an Amazon Elastic Block Store (Amazon EBS)- backed Amazon EC2 instance in an Amazon VPC with an associated EIP is stopped and started?

a. The EIP will be dissociated from the instance.

b. All data on instance-store devices will be lost.

c. The underlying host for the instance is changed.

d. b & C

Ans: d

14. How many VPC Peering connections are required for four VPCs located within the same AWS region to be able to send traffic to each of the others?

a. 3

b. 4

c. 5

d. 6

Ans: d

15. Which of the following AWS resources would you use in order for an EC2-VPC instance to resolve DNS names outside of AWS?

a. A VPC peering connection

b. A DHCP option set

c. A routing rule

d. An IGW

Ans: b

16. Which of the following is the Amazon side of an Amazon VPN connection?

a. An EIP

b. A CGW

c. An IGW

d. A VPG

Ans: d

17. What is the default limit for the number of Amazon VPCs that a customer may have in a region?

a. 5

b. 6

c. 7

d. There is no default maximum number of VPCs within a region.

Ans: a

18. You are responsible for your company’s AWS resources, and you notice a significant amount of traffic from an IP address in a foreign country in which your company does not have customers. Further investigation of the traffic indicates the source of the traffic is scanning for open ports on your EC2-VPC instances. Which one of the following resources can deny the traffic from reaching the instances?

a. Security group

b. Network ACL

c. NAT instance

d. An Amazon VPC endpoint

Ans: b

19. Which of the following is the security protocol supported by Amazon VPC?

a. SSH

b. Advanced Encryption Standard (AES)

c. Point-to-Point Tunneling Protocol (PPTP)

d. IPsec

Ans: d

20. Which of the following Amazon VPC resources would you use in order for EC2-VPC instances to send traffic directly to Amazon S3?

a. Amazon S3 gateway

b. IGW

c. CGW

d. VPC endpoint

Ans: d

21. Which Amazon VPC feature allows you to create a dual-homed instance?

a. EIP address

b. ENI

c. Security groups

d. CGW

Ans: b

22. Which of the following are required elements of an Auto Scaling group? (Choose 2 answers)

a. Minimum size

b. Health checks

c. Desired capacity

d. Launch configuration

e. a & c

Ans: e

23. You have created an Elastic Load Balancing load balancer listening on port 80, and you registered it with a single Amazon Elastic Compute Cloud (Amazon EC2) instance also listening on port 80. A client makes a request to the load balancer with the correct protocol and port for the load balancer. In this scenario, how many connections does the balancer maintain?

a. 1

b. 2

c. 3

d. 4

Ans: b

24. Which of the following are the minimum required elements to create an Auto Scaling launch configuration?

a. Launch configuration name, Amazon Machine Image (AMI), and instance type

b. Launch configuration name, AMI, instance type, and key pair

c. Launch configuration name, AMI, instance type, key pair, and security group

d. Launch configuration name, AMI, instance type, key pair, security group, and block device mapping

Ans: a

25. You are responsible for the application logging solution for your company’s existing applications running on multiple Amazon EC2 instances. Which of the following is the best approach for aggregating the application logs within AWS?

a. Amazon CloudWatch custom metrics

b. Amazon CloudWatch Logs Agent

c. An Elastic Load Balancing listener

d. An internal Elastic Load Balancing load balancer

Ans: b

26. You are responsible for the application logging solution for your company’s existing applications running on multiple Amazon EC2 instances. Which of the following is the best approach for aggregating the application logs within AWS?

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b. Amazon CloudWatch Logs Agent

c. An Elastic Load Balancing listener

d. An internal Elastic Load Balancing load balancer

Ans: c

27. You create an Auto Scaling group in a new region that is configured with a minimum size value of 10, a maximum size value of 100, and a desired capacity value of 50. However, you notice that 30 of the Amazon Elastic Compute Cloud (Amazon EC2) instances within the Auto Scaling group fail to launch. Which of the following is the cause of this behavior?

a. You cannot define an Auto Scaling group larger than 20.

b. The Auto Scaling group maximum value cannot be more than 20.

c. You did not attach an Elastic Load Balancing load balancer to the Auto Scaling group.

d. You have not raised your default Amazon EC2 capacity (20) for the new region

Ans: d

28. You want to host multiple Hypertext Transfer Protocol Secure (HTTPS) websites on a fleet of Amazon EC2 instances behind an Elastic Load Balancing load balancer with a single X.509 certificate. How must you configure the Secure Sockets Layer (SSL) certificate so that clients connecting to the load balancer are not presented with a warning when they connect?

a. Create one SSL certificate with a Subject Alternative Name (SAN) value for each website name.

b. Create one SSL certificate with the Server Name Indication (SNI) value checked.

c. Create multiple SSL certificates with a SAN value for each website name.

d. Create SSL certificates for each Availability Zone with a SAN value for each website name.

Ans: a

29. In the basic monitoring package for Amazon Elastic Compute Cloud (Amazon EC2), what Amazon CloudWatch metrics are available?

a. Web server visible metrics such as number of failed transaction requests

b. Operating system visible metrics such as memory utilization

c. Database visible metrics such as the number of connections

d. Hypervisor visible metrics such as CPU utilization

Ans: d

30. An Auto Scaling group may use: (Choose 2 answers)

a. On-Demand Instances

b. Stopped instances

c. Spot Instances

d. a & c

Ans: d

31. Why is the launch configuration referenced by the Auto Scaling group instead of being part of the Auto Scaling group?

a. It allows you to change the Amazon Elastic Compute Cloud (Amazon EC2) instance type and Amazon Machine Image (AMI) without disrupting the Auto Scaling group.

b. It facilitates rolling out a patch to an existing set of instances managed by an Auto Scaling group.

c. It allows you to change security groups associated with the instances launched without having to make changes to the Auto Scaling group.

d. All of the above

e. None of the above

Ans: d

32. Elastic Load Balancing health checks may be: (Choose 3 answers)

a. A ping

b. A connection attempt

c. A page request

d. All of the above

Ans: d

33. When an Amazon Elastic Compute Cloud (Amazon EC2) instance registered with an Elastic Load Balancing load balancer using connection draining is deregistered or unhealthy, which of the following will happen? (Choose 2 answers)

a. Immediately close all existing connections to that instance.

b. Keep the connections open to that instance, and attempt to complete in-flight requests.

c. Redirect the requests to a user-defined error page like “Oops this is embarrassing” or “Under Construction.”

d. b & c

Ans: d

34. Which of the following methods will allow an application using an AWS SDK to be authenticated as a principal to access AWS Cloud services? (Choose 2 answers)

a. Create an IAM user and store the user name and password for the user in the application’s configuration.

b. Create an IAM user and store both parts of the access key for the user in the application’s configuration.

c. Make all the API calls over an SSL connection.

d. All of the above

Ans: b

35. Which of the following are found in an IAM policy? (Choose 2 answers)

a. User Name

b. Region

c. Action

d. Password

Ans: c

36. Your AWS account administrator left your company today. The administrator had access to the root user and a personal IAM administrator account. With these accounts, he generated other IAM accounts and keys. Which of the following should you do today to protect your AWS infrastructure? (Choose 4 answers)

A.Change the password and add MFA to the root user.

B.Put an IP restriction on the root user.

C.Rotate keys and change passwords for IAM accounts.

D.Delete all IAM accounts.

E.Delete the administrator’s personal IAM account.

F.Relaunch all Amazon EC2 instances with new roles.

a. A,B,C,E

b. A,C,E

c. D, E

d. All of the above

Ans: a

37. Which of the following actions can be authorized by IAM? (Choose 2 answers)

a. Installing ASP.NET on a Windows Server

b. Launching an Amazon Linux EC2 instance

c. Adding a message to an Amazon Simple Queue Service (Amazon SQS) queue

d. b&c

e. a&b

Ans: d

38. Which of the following actions can be authorized by IAM? (Choose 2 answers)

a. Installing ASP.NET on a Windows Server

b. Launching an Amazon Linux EC2 instance

c. Adding a message to an Amazon Simple Queue Service (Amazon SQS) queue

d. None of the above

Ans: a

39. Which of the following are benefits of using Amazon EC2 roles? (Choose 2 answers)

a. No policies are required.

b. Credentials do not need to be stored on the Amazon EC2 instance.

c. Integration with Active Directory is automatic.

d. All of the above

Ans: b

40. Which of the following are based on temporary security tokens? (Choose 2 answers)

a. Amazon EC2 roles

b. MFA

c. Root user

d. All of the above

Ans: a