

Test taker's answer

a

Correct

r

Incorrect

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Partial Credit

- a 1) **b** b Support the customer-facing website
- r 2) **c** a Isolate databases containing customer's personal information
- r 3) **d** c Create a VPN connection between the VPC and the internal corporate network
- r 4) **a** d Establish a dedicated connection between the on-premises data center and the VPC
- r 5) Which statement best describes an AWS account's default network access control list?
- a) It is stateless and denies all inbound and outbound traffic
- b) It is stateful and allows all inbound and outbound traffic**
- c) It is stateless and allows all inbound and outbound traffic**
- d) It is stateful and denies all inbound and outbound traffic
- a 6) Which statement best describes DNS resolution?
- a) Launching resources in a virtual network that you define
- b) Storing local copies of content at edge locations around the world
- c) Connecting a VPC to the internet
- d) Translating a domain name to an IP address**
- a 7) Your company has an application that uses Amazon EC2 instances to run the customer-facing website and Amazon RDS database instances to store customer's personal information. How should the developer configure the VPC according to best practices?
- a) Place the Amazon EC2 instances in a public subnet and the Amazon RDS database instances in a private subnet**
- b) Place the Amazon EC2 instances in a private subnet and the Amazon RDS database instances in a public subnet
- c) Place the Amazon EC2 instances and the Amazon RDS database instances in a public subnet
- d) Place the Amazon EC2 instances and the Amazon RDS database instances in a private subnet

- r** 8) Which component can be used to establish a private, dedicated connection between your company's data center and AWS?
- a)** A private Subnet
 - b) DNS
 - c) AWS Direct Connect**
 - d) Virtual Private Gateway
- a** 9) Which statement best describes security groups?
- a) They are stateful and deny all inbound traffic by default**
 - b) They are stateful and allow all inbound traffic by default
 - c) They are stateless and deny all inbound traffic by default
 - d) They are stateless and allow all inbound traffic by default
- a** 10) Which component is used to connect VPC to the internet?
- a) Public Subnet
 - b) Edge Locations
 - c) Security Groups
 - d) Internet Gateway**
- a** 11) Which service is used to manage the DNS records for domain names?
- a) Amazon VPC
 - b) AWS Direct Connect
 - c) Amazon CloudFront
 - d) Amazon Route 53**
- r** 12) Which AWS service enables you to provision an isolated section of the AWS Cloud?
- a) AWS VPN
 - b) AWS VPC
 - c) AWS Private Gateway**
 - d) AWS Direct Connect**
- r** 13) What is a subnet?
- a) A connection between a VPC and the internet**
 - b) A division of networks within a server
 - c) A section of a VPC that can contain resources such as Amazon EC2 instances**
 - d) A gateway to access private resources in a VPC

- a** 14) Which statement best describes an IAM Policy?
- a) An authentication process that provides an extra layer of protection for your AWS account
 - b) A document that grants or denies permissions to AWS services and resources**
 - c) An identity that you can assume to gain temporary access to permissions
 - d) The identity that is established when you first create an AWS account
- r** 15) An employee requires temporary access to create several Amazon S3 buckets. Which option would be the best choice for this task?
- a) AWS account root user**
 - b) IAM Group
 - c) IAM Role**
 - d) Service Control Policy (SCPs)
- a** 16) Which statement best describes the principle of least privilege?
- a) Adding an IAM user into at least one IAM group
 - b) Checking a packet's permissions against an access control list
 - c) Granting only the permissions that are needed to perform specific tasks**
 - d) Performing a denial of service attack that originates from at least one device
- a** 17) Which service helps protect your application against distributed denial-of-service (DDoS) attacks?
- a) Amazon GuardDuty
 - b) Amazon Inspector
 - c) AWS Artifact
 - d) AWS Shield**
- r** 18) Which task can AWS Key Management Service (AWS KMS) perform?
- a) Configure Multi-Factor Authentication (MFA)
 - b) Update the AWS account root user password
 - c) Create Cryptographic keys**
 - d) Assign permissions to users and groups**