

Quiz M4

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KEYBOARD NAVIGATION

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1. A three-tier web application environment is a modular client-server architecture. What are the three tiers?

- ☐ Presentation, AWS, and data
- ☐ Application, data, and security
- ☐ Data, application, and internet
- ☐ Presentation, application, and data

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KEYBOARD NAVIGATION

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2. What is the difference between a security group and network access control list (ACL)?

- ☐ A security group makes networks more efficient. A network ACL distributes incoming application traffic and scales resources to meet traffic demands.
- ☐ A security group is a load-balancing service for AWS deployments. A network ACL acts as a firewall to control traffic in and out of one or more subnets.
- ☐ A security group acts as a virtual firewall for EC2 instances. A network ACL acts as a firewall to control traffic in and out of one or more subnets.
- ☐ A security group acts as a firewall to control traffic in and out of one or more subnets. A network ACL acts as a virtual firewall for EC2 instances.

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KEYBOARD NAVIGATION

3. What is the purpose of an internet gateway? (Select TWO.)

- ☐ Control where network traffic is directed.
- ☐ Control the routing for all subnets.
- ☐ Perform network address translation (NAT) for instances that have been assigned public IPv4 addresses.
- ☐ Provision a logically isolated section of the AWS Cloud where you can launch resources in a virtual network.
- ☐ Provide a target within a route table to enable internet-routable traffic.

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KEYBOARD NAVIGATION

4. Which statements are true for a virtual private cloud (VPC)? (Select THREE.)

- ☐ Belongs to multiple AWS Regions and only one Availability Zone
- ☐ Acts as a firewall to control traffic in and out of one or more subnets
- ☐ Provides the ability to customize your network including creating a public subnet for your web servers that can access the public internet
- ☐ Uses network access control lists (ACLs) as the only layer of security
- ☐ Gives you control over your virtual networking resources including selecting the IP address range, creating subnets, and configuring route tables and network gateways
- ☐ Is a logically isolated section of the AWS Cloud where you can launch AWS resources in a virtual network

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KEYBOARD NAVIGATION

5. Security groups are stateful, and network access control lists (ACLs) are stateless. What is the difference between stateful and stateless?

- ☐ Stateful means that return traffic must be explicitly allowed by rules. Stateless means that return traffic is never allowed.
- ☐ Stateful means that return traffic is never allowed. Stateless means that return traffic must be explicitly allowed by rules.
- ☐ Stateful means that return traffic is automatically allowed. Stateless means that return traffic must be explicitly allowed by rules.
- ☐ Stateful means that return traffic must be explicitly allowed by rules. Stateless means that return traffic is automatically allowed.

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KEYBOARD NAVIGATION

6. What are best practices to protect your network? (Select TWO.)

- ☐ Enable high availability to increase the security stance.
- ☐ Use security groups to control access to resources.
- ☐ Create all subnets in the same Availability Zone.
- ☐ Set up AWS Organizations.
- ☐ Place Amazon EC2 instances in private subnets when they will not regularly need direct access to the internet.

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KEYBOARD NAVIGATION

7. Which service provides an automated security assessment that helps users to improve the security and compliance of applications that they deploy on AWS?

- ☐ Amazon Inspector
- ☐ Amazon GuardDuty
- ☐ Elastic Load Balancing (ELB)
- ☐ AWS Identity and Access Management (IAM)

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KEYBOARD NAVIGATION

9. What is NOT a best practice to protect compute resources?

- ☐ Scan for vulnerabilities and patch them.
- ☐ Use Amazon Machine Images (AMIs) to create compliant instances.
- ☐ Enable VPC Flow Logs down to the subnet level.
- ☐ Automate configuration management and protection.

10. Which service can help users to automate management tasks such as collecting system inventory, applying operating system patches, maintaining up-to-date antivirus definitions, and configuring operating systems and applications at scale?

- ☐ AWS Config
- ☐ Elastic Load Balancing (ELB)
- ☐ AWS Systems Manager
- ☐ Amazon Simple Notification Service (Amazon SNS)