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Alibaba Cloud ACP-Cloud1

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QUESTION NO: 1

Alibaba Cloud Elastic Compute Service (ECS) instances in different Security Groups will definitely have no way to communicate with each other.

A. True

B. False

ANSWER: A

QUESTION NO: 2

When creating an ECS instance in your Alibaba Cloud VPC, you must specify a VSwitch for that instance at the same time. Otherwise, you will not be able to create this ECS instance.

A. True

B. False

ANSWER: A

QUESTION NO: 3

A Virtual Private Cloud (VPC) is an isolated network environment that is completely isolated from each other The following statements about VPC are correct_____. (Number of correct answers: 2)

A. Each VPC has an independent tunnel ID, and a tunnel ID corresponds to a virtualized network.

B. Subnets can be divided like the traditional network environment. Different cloud servers within each subnet are connected by the same router and different subnets are interconnected by switches.

C. ECS instances in a VPC use security group firewalls for Layer 2 network access control.

D. The internal networks of different VPCs are completely isolated and can be interconnected through IP addresses mapped to the outside.

ANSWER: B D

QUESTION NO: 4

A new media company uses a mobile app to provide news and information services. They utilize Auto Scaling to add/reduce ECS instances dynamically to address service traffic spikes.

Based on the estimation of their service and technical personnel the company thinks they require 10 ECS instances during idle hours and 10 to 20 ECS instances (dynamically adjusted) during some busy hours, which are normally from 07:30 to 09:00 and from 18:30 to 20:00 In the scaling group; they set the "Minimum number of instances" to 10 and "Maximum number of instances" to 20.

To simplify deployment tasks and save costs, which of the following scaling modes should they choose?

A. Healthy mode

B. Scheduled mode

C. Fixed quantity mode

D. Event-triggered mode

ANSWER: C

QUESTION NO: 5

Many websites have suffered DDoS attacks of different volumes. Therefore, accurate understanding of DDoS attacks is critical to website security protection. Which of the following statements about DDoS attacks is the MOST accurate?

A. The purpose of a DDoS attack is to steal confidential information.

B. The main purpose of a DDoS attack is to prevent the target server from providing normal services. Currently, the DDoS attack is one of the strongest and most indefensible website attacks.

C. A DDoS attacks crack the server's logon password by means of a massive number of attempts.

D. DDoS attacks primarily target databases.

ANSWER: B

QUESTION NO: 6

Which of the following scenarios can be done using Alibaba Cloud Express Connection? (Number of correct answers: 2)

A. Intranet communication between VPCs and Smart Access Gateway in customers different branch offices

B. Intranet communication between a VPC and servers in an external IDC

C. Intranet communication between two VPCs in different accounts and different CIDR Blocks

D. Intranet communication between two VPCs under the same account in the same region

ANSWER: A C

QUESTION NO: 7

If an administrator often needs to manage multiple ECS instances in an Alibaba Cloud VPC through the Internet Which of the following solutions can meet this need at low costs and without affecting system security.

A. None of these answers are correct.

B. Choose an ECS instance from VPC and make it as the bastion host And then, apply an EIP and bind it to this ECS instance. After that the administrator can manage other ECS instances through this bastion host.

C. Modify the VPC Security Group policy, to allow access from the Internet.

D. Bind an EIP to each of the ECS instances, and Jog on to each of these ECS instances to manage them.

ANSWER: A

QUESTION NO: 8

Company A constructed a sales management platform using three Elastic Compute Service (ECS) instances. One of the instances runs MySQL, and is used as the database server. The other two instances are used as Web servers After some time, the number of employees in Company A dramatically increases, leading to higher sales volumes At the same time, the platform response speed is gradually decreasing too.

According to the report from CloudMonitor, the average CPU utilization rate of the two Web servers exceeds 70%, and database load

reaches 75% Company A can select Alibaba Cloud_____ services.to cope with the issue and optimize the performance. (Number of correct answers: 2)

A. Import database data into Object Storage Service (OSS) to share the storage pressure on the platform

B. Incorporate Server Load Balancer (SLB) and add additional ECS instances to relieve the load on existing ECS instances

C. Use Content Delivery Network (CDN) to enhance content loading speed

D. Replace the self-built MySQL database with ApsaraDB for RDS to obtain better database performance, and utilize RDS read-only instances to handle read-only requests

ANSWER: B D

QUESTION NO: 9

Alibaba Cloud Server Load Balancer (SLB) provides services for distributing traffic among multiple ECS instances SLB can expand the application system's service capacity through traffic distribution, and improve the system's availability by eliminating SPoFs (Single Points of Failure). Which of the following statements are correct? (Number of correct answers; 2)

A. One of SLB's features is the Health Check. If some of the backend ECS instances are down, whereas other backend ECS instances can still provide services, then the system can continue to work normally.

B. When recreating an SLB instance that has an Internet IP address, a new Internet IP address will be assigned to the SLB instance.

C. Before using SLB to provide external services, make sure that you have installed and correctly configured the SLB agent on all of the backend ECS instances.

D. SLB provides a function to automatically synchronize data among backend ECS instances using rsync remote synchronization.

ANSWER: A D

QUESTION NO: 10

Before data communication is setup, the security groups match the security group rules one by one to query whether to allow access requests Assume that the user has created two security group rules 1 and 2 The protocol type, port range, authorization type, and authorization object of the two security group rules are the same. The difference is that Rule 1 is a denial policy, rule 2 is an allowed policy, so the following statement is correct_____ (Number of correct answers 2)

A. If rule 1 and rule 2 have the same priority, the rule of the denial policy takes effect first, and the rule of the allowed policy does not take effect

B. If rule 1 and rule 2 have the same priority, the rule of the allowed policy takes effect first, and the rule that of the denial policy does not take effect.

C. If rule 1 and rule 2 have different priorities, the rule with a small priority number takes effect

D. If rule 1 and rule 2 have different priorities, the rule with a large priority number takes effect.

ANSWER: A C