



Alibaba ACP-Cloud1 Mock Exam

Shared by Ferguson on 17-06-2026

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Question 1

Question Type: MultipleChoice

An enterprise built an isolated network environment by using Alibaba Cloud VPC and connected this VPC to a traditional data center via VPN. This allows the enterprise to seamlessly migrate data from its traditional data center to Alibaba Cloud.

Now they need to receive user requests from the Internet and assign these requests to multiple ECS instances inside the VPC by using SLB. Which option best statements are correct? (Choose two.)

Options:

- A- They can create an SLB instance in the VPC, and mount ECS instances within the VPC to this SLB instance. Then, use a jump server to receive external requests and direct these requests to SLB to forward them to backend ECS instances.
- B- They can create an SLB instance with an Internet IP address, and mount ECS instances within the VPC to this SLB instance. The public SLB will be used to receive external requests. As a result, requests from the Internet will be transferred to backend ECS instances within the VPC.
- C- They can create an SLB instance in the VPC, and mount ECS instances within the VPC to this SLB instance. Then, bind an EIP to the SLB, so that this SLB instance can receive requests from the Internet and assign these requests to the backend ECS instances.
- D- They can create an SLB instance with an Internet IP address, and mount ECS instances within the VPC and servers of the traditional data center to this SLB instance. The public SLB will be used to receive external requests. As a result, requests from the Internet will be transferred to backend ECS instances within the VPC and servers of the traditional data center.

Answer:

B, C

Explanation:

To enable Internet access for ECS instances in a VPC, Alibaba Cloud users can use a public SLB with an Internet IP address (Option B) or an SLB with an Elastic IP (EIP) attached (Option C). Both methods allow the SLB instance to receive external requests and forward them to ECS instances within the VPC. Option A is incorrect because it would require a more complex setup without direct Internet access. Option D is incorrect as SLB does not support directly mounting servers from an on-premises data center.

Question 2

Question Type: MultipleChoice

Company F launched a new App and put the installation package (size: 6 MB) on its official website (hosted on Elastic Compute Service (ECS)). Initially, the download speed was acceptable. However, due to an advertising event on CCTV last week, the number of installation package downloads drastically increased, resulting in poor user experience and a significant increase in ECS bandwidth cost.

Company F can select Alibaba Cloud _____ service to solve download speed and bandwidth cost problems at the same time.

Options:

- A- Object Storage Service (OSS) + Content Delivery Network (CDN)
- B- Object Storage Service (OSS) + Auto Scaling
- C- Object Storage Service (OSS) + ApsaraDB for RDS
- D- Auto Scaling + Elastic Compute Service (ECS) instance

Answer:

A

Explanation:

To handle high download traffic efficiently, Company F can use Object Storage Service (OSS) to store the installation package and Content Delivery Network (CDN) to distribute it. OSS provides scalable, low-cost storage, while CDN caches content at edge nodes, reducing the load on the ECS instance and improving download speeds for users. This combination helps control bandwidth costs on ECS and provides faster download speeds by serving content closer to end-users.

Question 3

Question Type: MultipleChoice

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)

Options:

- 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

Explanation:

Before data communication is set up, the security groups match the security group rules one by one to query whether to allow access requests. If the protocol type, port range, authorization type, and authorization object of two security group rules are the same, the following rules apply:

If the two rules have the same priority, the rule of the denial policy takes effect first, and the rule of the allowed policy does not take effect. This is because the security group rules follow the principle of minimum permission, which means that the most restrictive rule is applied when there is a conflict.

If the two rules have different priorities, the rule with a smaller priority number takes effect. This is because the security group rules follow the principle of priority, which means that the rule with a higher priority (lower number) is applied when there is a conflict. Reference: ECS Security Groups - Alibaba Fundamentals - Cloud Academy, Security group rules - Elastic Compute Service - Alibaba Cloud Documentation Center

Question 4

Question Type: MultipleChoice

Two modes are available for deleting scaling groups in Auto Scaling: ForceDelete mode and non-ForceDelete mode. Which of the following conditions must be met in non-ForceDelete mode? (Choose two.)

Options:

- A- No scaling activities are ongoing in the scaling group
- B- No ECS instances exist in the scaling group
- C- No scheduled tasks and event-triggered tasks exist in the scaling group
- D- The scaling group is not working in conjunction with SLB and ApsaraDB for RDS

Answer:

A, B

Explanation:

In non-ForceDelete mode, a scaling group can only be deleted if no ECS instances exist within it and no scaling activities are currently in progress. This ensures that resources are properly released and no scaling operations are disrupted during deletion. Scheduled and event-triggered tasks (option C) and SLB/RDS integrations (option D) do not need to be removed to delete the scaling group in non-ForceDelete mode.

Question 5

Question Type: MultipleChoice

A customer uses Alibaba Cloud Auto Scaling service and creates a scaling group. They set the "Minimum number of instances" to 6 and the "Maximum number of instances" to 8. After correctly configuring scaling settings, the customer adds a scaling rule "Adjust to 10 ECS instances" and creates a scheduled task based on this rule. Then, the customer checks the scaling group and sees it already contains 6 valid ECS instances. They then enable this scaling group immediately. How many ECS instances will be in the scaling group when the scheduled task is activated once?

Options:

- A- 5
- B- 6
- C- 8
- D- 10

Answer:

C

Explanation:

Even though the scaling rule is set to 'Adjust to 10 ECS instances,' the maximum instance limit set for the scaling group is 8. Thus, when the scheduled task is triggered, Auto Scaling will increase the number of instances up to the maximum allowed, which is 8. Therefore, the scaling group will contain 8 instances, not 10, as it adheres to the defined maximum limit.

Question 6

Question Type: MultipleChoice

Alibaba Cloud Object Storage Service (OSS) provides massive, secure, relatively low-cost, and highly reliable cloud storage services. Users can upload and download files to/from OSS via the Web Console or API.

Options:

A- True

B- False

Answer:

A

Explanation:

Alibaba Cloud OSS is designed for scalable and secure object storage, allowing users to upload and download files through multiple interfaces, including the web console and APIs, offering flexibility and ease of use for developers and administrators.

Question 7

Question Type: MultipleChoice

Which option best Alibaba Cloud products can provide Anti-DDoS service? (Choose two.)

Options:

- A- Security Center
- B- Anti-DDoS Origin Service
- C- Anti-DDoS Pro Service
- D- Cloud Firewall

Answer:

B, C

Explanation:

Alibaba Cloud provides two main products for Anti-DDoS protection: Anti-DDoS Origin Service, which protects against attacks at the origin server level, and Anti-DDoS Pro Service, which offers advanced DDoS mitigation for applications hosted on Alibaba Cloud. Security Center and Cloud Firewall offer different security functionalities but do not provide direct Anti-DDoS services.



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