

Alibaba ACE-Cloud1

ALIBABA ACE CLOUD COMPUTING CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

ACE-CLOUD1

[Alibaba Cloud Computing \(ACE\)](#)

75 Questions Exam – 90/150 Cut Score – Duration of 150 minutes

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Table of Contents

Know Your ACE-Cloud1 Certification Well:	2
Alibaba ACE-Cloud1 ACE Cloud Computing Certification Details:	2
ACE-Cloud1 Syllabus:	3
Alibaba ACE-Cloud1 Sample Questions:	4
Study Guide to Crack Alibaba ACE Cloud Computing ACE-Cloud1 Exam:	7

Know Your ACE-Cloud1 Certification Well:

The ACE-Cloud1 is best suitable for candidates who want to gain knowledge in the Alibaba Cloud Computing. Before you start your ACE-Cloud1 preparation you may struggle to get all the crucial ACE Cloud Computing materials like ACE-Cloud1 syllabus, sample questions, study guide.

But don't worry the ACE-Cloud1 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the ACE-Cloud1 syllabus?
- How many questions are there in the ACE-Cloud1 exam?
- Which Practice test would help me to pass the ACE-Cloud1 exam at the first attempt?

Passing the ACE-Cloud1 exam makes you Alibaba Cloud Computing (ACE). Having the ACE Cloud Computing certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Alibaba ACE-Cloud1 ACE Cloud Computing Certification Details:

Exam Name	Alibaba ACE Cloud Computing (ACE-Cloud1)
Exam Code	ACE-Cloud1
Exam Price	\$168 USD
Duration	150 minutes
Number of Questions	75
Passing Score	90/150
Recommended Training / Books	ACT86003 Solution Architecting on Alibaba Cloud
Schedule Exam	PEARSON VUE
Sample Questions	Alibaba ACE Cloud Computing Sample Questions
Recommended Practice	Alibaba Cloud Computing (ACE) Practice Test

ACE-Cloud1 Syllabus:

Section	Objectives
Elastic Computing and Network Design	<ul style="list-style-type: none"> - In-depth understanding of elastic computing product features beyond ACP certification required - Ability to deploy scalable front-end, middle-end and back-end layers on Alibaba Cloud Application architecture - Have a deep understanding of the vertical and horizontal scaling of system structure - Complex network design based on Alibaba Cloud
Disaster Recovery and High Availability	<ul style="list-style-type: none"> - Implementation capabilities of DR systems based on RPO and RTO - Understand and be able to architect self-healing and fault-tolerant systems - Ability to build the corresponding high availability system architecture based on requirements
Application Deployment and Management	<ul style="list-style-type: none"> - Ability to manage the lifecycle of applications deployed on Alibaba Cloud - Ability to correctly deploy product development environment in Alibaba Cloud, test non-production environment, etc. - Ability to select the most suitable Alibaba Cloud deployment mechanism based on different scenarios
Database and Storage	<ul style="list-style-type: none"> - In-depth understanding of the function of the Alibaba Cloud database and storage products - Capability to design the best data and storage system architecture based on customer needs - Deep understanding of synchronous and asynchronous replication of databases and related disaster recovery mechanisms
Security and Access Control	<ul style="list-style-type: none"> - Ability to design a security management system based on Alibaba Cloud security products and understand relevant compliance - Learn more about Alibaba Cloud Security Products - Ability to select the most suitable Alibaba Cloud security product based on different scenarios
Migration and Hybrid Cloud	<ul style="list-style-type: none"> - Ability to implement system-based cloud deployment based on Alibaba Cloud products - Ability to implement hybrid cloud deployment based on Alibaba Cloud products
Middleware and Container Service	<ul style="list-style-type: none"> - Have a general level understanding of Alibaba Cloud middleware products and Container related products - Ability to implement system architecture design based on Alibaba Cloud middleware products and container services(ACK and ACR) - Ability to select proper Alibaba Cloud middleware products to fulfil different architect design requirements

Alibaba ACE-Cloud1 Sample Questions:

Question: 1

As its business and customer base keep growing, a company needs to transform itself digitally. The original online trading system uses a chimney-style architecture that has become incapable of dealing with the increasing number of requests.

Given this, the company executives decide to upgrade the original system with the help of Alibaba Cloud to solve the problem. They want the new system to go online as soon as possible.

As an architect, how do you design the most appropriate upgrade solution?

- a) Without any reconstruction, upgrade the original system to a high-performance host system to improve performance.
- b) Without any reconstruction, upgrade the original system by building a load balancing cluster to improve performance.
- c) Upgrade the original system by building a load balancing cluster, reconstructing the original system into a stateless application, and separating the application and database.
- d) Reconstruct the original system into a distributed microservice architecture in which database and table shards are used for distributed processing.

Answer: c

Question: 2

An Internet finance company has deployed its official website on Elastic Compute Service (ECS) based on Virtual Private Cloud (VPC). For security reasons, the company did not configure any public IP addresses for ECS when purchasing ECS instances.

In the meantime, the company deployed the official website on multiple ECS instances to guarantee the concurrency and performance of frontend access. To give users of this enterprise access to services on ECS over the Internet, which of the following methods are correct for establishing a cloud architecture? (two correct answers)

- a) Create a Server Load Balancer (SLB) instance on VPC, and add multiple ECS instances to the backend of the SLB instance. Then, users can send requests to the SLB instance, and the SLB instance will forward the requests to backend ECS instances for processing.
- b) Create a Network Address Translation (NAT) gateway on VPC and configure destination NAT (DNAT) entries to map a public IP address to ECS instances on VPC, so that users can have access to ECS over the Internet.
- c) Create a NAT gateway on VPC and configure source NAT (SNAT) entries to map a public IP address to ECS instances on VPC, so that users can have access to ECS over the Internet.
- d) Create an SLB instance on VPC, add multiple ECS instances to the backend of the SLB instance, and bind an Elastic IP Address (EIP) to this SLB instance. Then, users can send requests to the EIP bound to the SLB instance, and the SLB instance will forward the requests to backend ECS instances for processing.

Answer: a, d

Question: 3

A startup company has hired you to build a mobile application that is expected to see a doubling of the quantity of images (now billions) and videos stored on Alibaba Cloud Object Storage Service (OSS) every six months.

Due to the business nature, the company predicts a sudden dramatic increase in traffic flowing to and from OSS. In addition, the company has to fulfill performance requirements for processing the application.

What information do you need to determine whether OSS is the right choice for the business?

- a) Total number of OSS requests per second at peak times
- b) Whether the amount of OSS storage is sufficient for an appropriate space design of the application architecture
- c) Size of a single object being written to OSS (which allows for appropriate adjustments to the application architecture)
- d) How many customers the company now has (which is critical to understanding the company's customer base over the past two years)

Answer: a

Question: 4

What is the term for a distributed infrastructure design that spans multiple geographic regions to enhance availability and disaster recovery capabilities?

- a) Multi-cloud architecture
- b) Global distribution
- c) Data mirroring
- d) Local clustering

Answer: b

Question: 5

Which ACE Cloud Computing deployment model is known for sharing cloud resources among multiple organizations with similar interests, such as industry-specific compliance requirements?

- a) Public Cloud
- b) Private Cloud
- c) Hybrid Cloud
- d) Community Cloud

Answer: d

Question: 6

What is a common challenge in managing distributed infrastructure for high-performance applications?

- a) Limited scalability
- b) Increased network latency
- c) Decreased fault tolerance
- d) Simplified system administration

Answer: b

Question: 7

A cloud e-commerce platform is going to hold a sales promotion during Christmas. At present, the customer has built an online shopping platform on Alibaba Cloud by using Server Load Balancer (SLB), Elastic Compute Service (ECS), Relational Database Service (RDS), and Object Storage Service (OSS).

When handling a surge of business traffic during the past holiday sales promotions, the customer's platform encountered the following problems: Because of great purchase demands for certain holiday products, the number of access requests for such products was too large, resulting in image loading failures on shopping pages.

Transaction pages of hot-selling products were loading slowly or even could not be opened. To build the cloud architecture in advance to cope with the growth of business traffic during the sales promotion, if you are an Alibaba Cloud architect, which of the following solutions do you think are the most reasonable and effective?

(two correct answers)

- a) Enable Alibaba Cloud Content Delivery Network (CDN) and separate the details pages of hot-selling products from those of general products in the business system. Statically process the details pages of hot-selling products to allow servers to dynamically determine only user clicks for buying products, and cache other static data on CDN.
- b) Use the data control module of the business system to cache the data of hot-selling products in advance on ApsaraDB for Redis, implementing high concurrency and relieving the RDS access pressure.
- c) Change the instance type to upgrade the configuration of SLB instances and increase the bandwidth to handle the traffic surge.
- d) Configure existing RDS instances as single RDS instances to improve database performance.

Answer: a, b

Question: 8

Which technology is commonly used to analyze large volumes of textual data to extract insights and patterns?

- a) Natural Language Processing (NLP)
- b) Data warehousing
- c) Data masking
- d) Data archiving

Answer: a

Question: 9

In Cloud and Global Network Design, what is the primary benefit of using a direct cloud interconnect, such as AWS Direct Connect or Azure ExpressRoute?

- a) Reduced cloud service costs
- b) Enhanced cloud resource scalability
- c) Improved network security
- d) Lower latency and more reliable connections to cloud providers

Answer: d

Question: 10

Which distributed infrastructure technology allows for the automatic scaling of resources based on workload demands?

- a) Virtualization
- b) Clustering
- c) Elasticity
- d) Centralization

Answer: c

Study Guide to Crack Alibaba ACE Cloud Computing ACE-Cloud1 Exam:

- Getting details of the ACE-Cloud1 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the ACE-Cloud1 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Alibaba provided training for ACE-Cloud1 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.

- Read from the ACE-Cloud1 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on ACE-Cloud1 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for ACE-Cloud1 Certification

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