

ALIBABA CLOUD CERTIFIED ASSOCIATE (ACA) DEVELOPER PRACTICE TEST (SAMPLE) STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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1. Which storage solution in Alibaba Cloud offers low-cost object storage?

- A. Alibaba Cloud File Storage
- B. Alibaba Cloud Block Storage
- C. Alibaba Cloud Object Storage Service
- D. Alibaba Cloud Local SSD

2. How does Alibaba Cloud minimize data latency for users?

- A. By using local servers
- B. By utilizing content delivery networks (CDN) with global edge nodes
- C. By implementing database caching techniques
- D. By increasing server bandwidth

3. What is the main function of Alibaba Cloud Cost Management?

- A. To optimize storage usage
- B. To analyze and reduce cloud spending
- C. To enhance application performance
- D. To monitor security threats

4. How can developers set up a continuous integration pipeline in Alibaba Cloud?

- A. By using Alibaba Cloud CodePipeline
- B. Through Alibaba Cloud Developer Tools
- C. Utilizing Alibaba Cloud CodeBuild
- D. Employing Alibaba Cloud Container Service

5. Which service is used for relational database management systems (RDBMS) in Alibaba Cloud?

- A. ApsaraDB for RDS
- B. Alibaba Cloud Table Store
- C. Alibaba Cloud Data Lake Analytics
- D. Alibaba Cloud Search Service

6. What error code indicates that a log project does not exist in the Log Service?
- A. The code 401
 - B. The code 404
 - C. The code 500
 - D. The code 403
7. Which of the following descriptions of the principles of Alibaba Cloud SSL certificate private key protection is correct?
- A. Private keys are stored in a secure hardware module at all times
 - B. Private keys are only available to users via email
 - C. Private keys are encrypted and stored in databases
 - D. Alibaba Cloud Certificate Service keys are loaded into memory in plaintext format ONLY when needed
8. What migration features does Alibaba Cloud SMC (Server Migration Center) support?
- A. Supports incremental data migration
 - B. Ensures real-time data replication
 - C. Provides automatic backup of existing data
 - D. Supports batch migration
9. What is the function of Alibaba Cloud Security Center?
- A. To optimize network traffic
 - B. To provide comprehensive security management for cloud resources
 - C. To manage cloud billing and cost
 - D. To offer cloud load balancing solutions
10. Which of the following statements about PolarDB's endpoints is NOT correct?
- A. The primary endpoint supports read/write splitting
 - B. The primary endpoint handles read requests
 - C. The primary endpoint provides a single entry point for all database operations
 - D. The primary endpoint allows connections only from specified IP addresses

Answers

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1. C
2. B
3. B
4. A
5. A
6. B
7. D
8. A
9. B
10. A

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Explanations

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1. Which storage solution in Alibaba Cloud offers low-cost object storage?

- A. Alibaba Cloud File Storage
- B. Alibaba Cloud Block Storage
- C. Alibaba Cloud Object Storage Service**
- D. Alibaba Cloud Local SSD

The Alibaba Cloud Object Storage Service (OSS) is designed specifically for storing and managing large amounts of unstructured data as objects. It provides a highly scalable, secure, and durable solution for object storage needs. OSS is particularly well-suited for scenarios such as backup, archive, and serving static content like images and videos due to its cost-effectiveness. OSS delivers several advantages, including a pay-as-you-go pricing model, which ensures that users only pay for the storage they actually use, making it a low-cost option for object storage. Additionally, it offers high durability and availability, ensuring that data is reliably stored and easily accessible. In contrast, Alibaba Cloud File Storage is typically aimed at file storage needs, offering a file system interface, while Block Storage is designed for use with cloud-based virtual machines and is optimized for high IOPS performance. Local SSD is meant for applications requiring very high-speed data access, but it is more expensive and less suited for large-scale data storage when compared to OSS. Therefore, OSS stands out as the most appropriate and cost-efficient solution for object storage within Alibaba Cloud's offerings.

2. How does Alibaba Cloud minimize data latency for users?

- A. By using local servers
- B. By utilizing content delivery networks (CDN) with global edge nodes**
- C. By implementing database caching techniques
- D. By increasing server bandwidth

Utilizing content delivery networks (CDN) with global edge nodes is a critical strategy for minimizing data latency for users on Alibaba Cloud. CDNs work by caching content in multiple locations around the world, known as edge nodes. This means that when a user requests data, it can be delivered from the nearest edge node rather than from a centralized server, significantly reducing the time it takes for data to reach the user. This approach is particularly effective for static content such as images, videos, and web pages, as it allows for faster load times and better overall performance. By strategically placing edge nodes in various geographic locations, Alibaba Cloud ensures that users experience lower latency regardless of their physical distance from the main servers. In contrast, while using local servers can improve latency for users within a specific geographical region, it does not have the same global reach or scalability as a CDN. Similarly, database caching techniques can reduce latency for frequently accessed data but are more limited in scope compared to the broad distribution provided by global CDN edge nodes. Increasing server bandwidth might help in scenarios of high data traffic but does not inherently reduce latency in the same way that CDNs do.

3. What is the main function of Alibaba Cloud Cost Management?

- A. To optimize storage usage
- B. To analyze and reduce cloud spending**
- C. To enhance application performance
- D. To monitor security threats

The main function of Alibaba Cloud Cost Management is to analyze and reduce cloud spending. This tool enables organizations to gain a clearer understanding of their cloud expenditure by providing insights and analytics on their resource usage and associated costs. Users can track their spending patterns, identify areas where savings can be made, and implement strategies to optimize costs. This is crucial for businesses looking to manage budgets efficiently and ensure that they are not overspending in their cloud environments. By offering tools and features such as cost allocation, budgeting, and forecasting, Alibaba Cloud Cost Management empowers users to make informed decisions about their cloud investments. This way, organizations can effectively control expenses and allocate resources where they are most needed, ensuring that they maximize the value of their cloud hosting. In contrast, other options relate to different functionalities that do not specifically address financial management. Optimizing storage usage, enhancing application performance, and monitoring security threats, while important aspects of cloud operations, do not focus on the financial aspect that is the essence of cost management.

4. How can developers set up a continuous integration pipeline in Alibaba Cloud?

- A. By using Alibaba Cloud CodePipeline**
- B. Through Alibaba Cloud Developer Tools
- C. Utilizing Alibaba Cloud CodeBuild
- D. Employing Alibaba Cloud Container Service

Setting up a continuous integration pipeline in Alibaba Cloud can effectively be achieved through Alibaba Cloud CodePipeline. This service is specifically designed to automate the software release process, allowing developers to set up a pipeline that builds, tests, and deploys code in a continuous manner. CodePipeline integrates seamlessly with other Alibaba Cloud services, making it a favored choice for creating CI/CD (Continuous Integration/Continuous Deployment) workflows. CodePipeline enables developers to define stages for their pipelines and easily automate tasks such as running tests and deploying applications after a successful build. Using this service helps streamline the software development lifecycle and improves the efficiency of development teams by minimizing manual intervention. While other options such as Alibaba Cloud Developer Tools, Alibaba Cloud CodeBuild, and Alibaba Cloud Container Service play important roles in the development and deployment processes, they do not offer the comprehensive pipeline management and automation feature set specifically designed for continuous integration like CodePipeline does. Developer Tools may assist in managing code and resources, CodeBuild focuses on compiling code into binary artifacts, and Container Service facilitates Docker container orchestration. However, for the specific setup of a continuous integration pipeline, Alibaba Cloud CodePipeline stands out as the most suitable choice.

5. Which service is used for relational database management systems (RDBMS) in Alibaba Cloud?

- A. ApsaraDB for RDS**
- B. Alibaba Cloud Table Store
- C. Alibaba Cloud Data Lake Analytics
- D. Alibaba Cloud Search Service

ApsaraDB for RDS is the service designed specifically for relational database management systems (RDBMS) in Alibaba Cloud. It provides a streamlined and managed database solution that supports popular database engines like MySQL, SQL Server, PostgreSQL, and MariaDB. This service simplifies database management tasks, including deployment, scaling, backup, and recovery, allowing users to focus on the application development rather than the underlying database infrastructure. The capability of ApsaraDB for RDS to automatically handle tasks such as scaling resources according to workload, performing regular backups, and providing high availability makes it the ideal choice for those needing an RDBMS solution. It also integrates well with other Alibaba Cloud services, enhancing the overall ecosystem for application development. The other options do not serve the same purpose. Alibaba Cloud Table Store is a distributed NoSQL database service tailored for large-scale applications, while Alibaba Cloud Data Lake Analytics is meant for large-scale data processing and analytics rather than direct database management. Alibaba Cloud Search Service focuses on full-text search capabilities and analytics rather than RDBMS functionalities. Therefore, ApsaraDB for RDS stands out as the specifically designed service for relational databases in Alibaba Cloud.

6. What error code indicates that a log project does not exist in the Log Service?

- A. The code 401
- B. The code 404**
- C. The code 500
- D. The code 403

The error code indicating that a log project does not exist in the Log Service is 404. This code is commonly associated with "Not Found" errors in HTTP responses, which signifies that the requested resource could not be found on the server. In the context of Alibaba Cloud's Log Service, if a log project is referenced that does not exist or cannot be found, a 404 error is returned, clearly conveying that the requested project is not available. Understanding this code is crucial for developers as it helps them diagnose issues when working with log data. For instance, if a project name is misspelled or if the project has been deleted, the Log Service will respond with this error code, allowing developers to take corrective action, such as checking the project name or confirming its existence within their application's environment.

7. Which of the following descriptions of the principles of Alibaba Cloud SSL certificate private key protection is correct?

- A. Private keys are stored in a secure hardware module at all times
- B. Private keys are only available to users via email
- C. Private keys are encrypted and stored in databases
- D. Alibaba Cloud Certificate Service keys are loaded into memory in plaintext format ONLY when needed**

The principle that states Alibaba Cloud Certificate Service keys are loaded into memory in plaintext format only when needed highlights a crucial security measure in the management of SSL certificate private keys. This approach ensures that private keys are not persistently held in plaintext, thereby reducing the attack surface during non-active periods. When private keys are loaded only when required, this minimizes the risk of unauthorized access or exposure. It means that they are protected while at rest, only decrypted when absolutely necessary, and maintained in memory in a manner that prioritizes security until their usage is imminent. This strategy aligns with best practices in cryptography and key management, focusing on limiting the time that sensitive data is exposed to potential threats. This choice conveys an understanding that while the immediate use of private keys is essential, maintaining their secrecy and security is paramount throughout their lifecycle. The other descriptions do not reflect best practices for private key management, since persistent plaintext storage or distribution via email could significantly increase vulnerability to breaches.

8. What migration features does Alibaba Cloud SMC (Server Migration Center) support?

- A. Supports incremental data migration**
- B. Ensures real-time data replication
- C. Provides automatic backup of existing data
- D. Supports batch migration

The correct answer highlights that Alibaba Cloud SMC (Server Migration Center) supports incremental data migration. Incremental data migration is crucial because it allows for the transfer of only the changes made since the last migration operation. This approach is efficient and reduces the amount of data that needs to be moved, thus minimizing downtime and reducing the overall time required for migration. Incremental migration is particularly beneficial for organizations that have large datasets or systems that cannot afford extended periods of downtime. By only migrating the new or modified data, users can maintain operations while seamlessly transitioning to Alibaba Cloud infrastructure. The other potential features, while relevant to data management, do not accurately reflect the specific capabilities of SMC. Real-time data replication is typically associated with different types of services or solutions that focus on continuous data synchronization, rather than migration. Automatic backup of existing data is a preventative measure rather than a migration feature, and while batch migration is a common method for moving large volumes of data, the specific characteristic of incremental migration stands out as a unique feature of the SMC platform focused on efficiency and reduced downtime.

9. What is the function of Alibaba Cloud Security Center?

- A. To optimize network traffic
- B. To provide comprehensive security management for cloud resources**
- C. To manage cloud billing and cost
- D. To offer cloud load balancing solutions

Alibaba Cloud Security Center serves a critical role in offering comprehensive security management for cloud resources. Its primary function is to protect various elements within the cloud environment from potential threats and vulnerabilities. This includes monitoring for malicious activities, providing security alerts, and offering solutions to mitigate security risks. It integrates various security services, such as threat intelligence, anti-virus protection, incident response capabilities, and compliance management, all under one platform, making it easier for users to manage their cloud security posture effectively. In contrast, the other choices refer to different functionalities that are unrelated to the primary role of the Security Center. For example, optimizing network traffic pertains to network performance and management tools, managing cloud billing relates to cost management services, and offering load balancing solutions focuses on distributing network traffic efficiently across servers. None of these functions directly connect to comprehensive security management, which is the core purpose of the Alibaba Cloud Security Center.

10. Which of the following statements about PolarDB's endpoints is NOT correct?

- A. The primary endpoint supports read/write splitting**
- B. The primary endpoint handles read requests
- C. The primary endpoint provides a single entry point for all database operations
- D. The primary endpoint allows connections only from specified IP addresses

The primary endpoint of PolarDB is designed to manage all database operations, and it plays a central role in handling read and write requests. While it does provide a single entry point for operations, the primary endpoint is primarily responsible for handling write requests and can also support read requests when the read/write splitting capability is configured correctly. This means that while it may handle reads under certain configurations, it is not accurate to state that the primary endpoint supports read/write splitting as a regular feature, which is generally more associated with read replicas and additional endpoints designed specifically for load distribution. Thus, stating that the primary endpoint supports read/write splitting is misleading, making this choice not correct. The design of PolarDB allows various endpoints to manage interactions with data effectively, but the primary endpoint itself centers more on write operations. Other endpoints are more suitable for segregating read operations, reflecting a more accurate architecture of how these systems typically operate.

Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://acadeveloper.examzify.com>

We wish you the very best on your exam journey. You've got this!

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