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.

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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!

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Questions

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1. **What is the recommended best practice for managing SSL certificates?**
   - A. Store the private key with the public key in unsecured locations
   - B. Regularly renew SSL certificates to avoid expiration
   - C. Ignore updates to SSL protocols
   - D. Use the same certificate for all websites

2. **When using SSL certificates, what is the consequence of a compromised private key?**
   - A. The SSL certificate becomes stronger
   - B. All encrypted communications can potentially be intercepted
   - C. The website will load faster
   - D. All data will automatically be redirected

3. **Which step is NOT mandatory when creating an API through Alibaba Cloud API Gateway?**
   - A. Attach a domain name
   - B. Define the API endpoint
   - C. Enable API logging
   - D. Set up request parameters

4. **Which of the following web applications are suitable for deployment on Simple Application Server (SAS)?**
   - A. Quickly build a personal blog website
   - B. Run complex enterprise applications
   - C. Handle large-scale data processing
   - D. Cloud-native banking applications

5. **What is the main function of Alibaba Cloud API Gateway?**
   - A. To provide storage solutions for applications
   - B. To create, publish, and manage APIs
   - C. To serve as a content delivery network
   - D. To analyze user traffic patterns

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6. What capabilities does Alibaba Cloud Intelligent Speech Interaction Service provide?

A. Speech recognition and text-to-speech

B. Dialogue interaction and video processing

C. Speech recognition and dialogue interaction

D. Audio streaming and recording

7. What is the primary function of Alibaba Cloud's SSL Certificate Service?

A. To provide secure file storage solutions

B. To increase website loading speed

C. To enable secure communication over the internet

D. To offer a platform for online transactions

8. Which scenario is valid after disconnecting the application from source database B during a migration?

A. Log in to source database B to ensure write operations occurred

B. Delete the source database B before migration

C. Restart the application immediately after disconnection

D. Monitor the database from a different account

9. Which plugin is recommended for enhanced logging capabilities in Alibaba Cloud services?

A. Alibaba Cloud API Gateway

B. Alibaba Cloud CloudMonitor

C. Alibaba Cloud Log Service

D. Alibaba Cloud Data Integration

10. 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

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Answers

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

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Explanations

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1. What is the recommended best practice for managing SSL certificates?

A. Store the private key with the public key in unsecured locations

B. Regularly renew SSL certificates to avoid expiration

C. Ignore updates to SSL protocols

D. Use the same certificate for all websites

Regularly renewing SSL certificates is essential to maintaining secure communication between clients and servers. An SSL certificate has a validity period after which it expires, and if it is not renewed, users will see warnings in their browsers indicating that the connection is not secure, which can lead to a loss of trust and potential data breaches. Renewing certificates well before their expiration ensures that the encryption remains effective and that users can confidently interact with your website. While other practices like storing private and public keys securely, understanding updates to SSL protocols, and using different certificates for different websites are important, they do not directly address the specific need to keep SSL certificates current and valid. Ignoring SSL protocol updates, for instance, can expose a system to vulnerabilities, while using the same certificate universally might not be suitable for different security needs across websites. Therefore, the practice of renewing SSL certificates regularly stands out as a best practice for maintaining the integrity and security of digital communications.

2. When using SSL certificates, what is the consequence of a compromised private key?

A. The SSL certificate becomes stronger

B. All encrypted communications can potentially be intercepted

C. The website will load faster

D. All data will automatically be redirected

The consequence of a compromised private key is that all encrypted communications can potentially be intercepted. This is because the private key is an essential component of the SSL/TLS framework, which provides security for communications over networks. When the private key is compromised, an unauthorized party can decrypt the data that is intended to be secure. SSL works by establishing a secure connection between a client and a server, with the public key being used to encrypt information that only the corresponding private key can decrypt. If an attacker obtains the private key, they can mimic the server in what is known as a Man-in-the-Middle (MitM) attack, allowing them to read, modify, or inject data into the communication without either party being aware of the breach. In contrast, the other options do not accurately reflect the implications of a compromised private key. For instance, a compromised key does not enhance the strength of the SSL certificate, it does not lead to faster loading times of the website, and it does not result in automatic redirection of data. Each of these ideas misconstrues the fundamental purpose and function of SSL and the implications of security breaches.

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3. Which step is NOT mandatory when creating an API through Alibaba Cloud API Gateway?

A. Attach a domain name

B. Define the API endpoint

C. Enable API logging

D. Set up request parameters

When creating an API through Alibaba Cloud API Gateway, attaching a domain name is not a mandatory step. You can create an API without immediately linking it to a specific domain name, allowing flexibility in how the API is later utilized or deployed. Defining the API endpoint, enabling API logging, and setting up request parameters are necessary steps to ensure that the API functions correctly, provides logging data for monitoring and troubleshooting, and handles inputs as expected. Each of these steps is essential for the API's functionality and usability. However, the domain name can be added later, which is why it is not considered a compulsory step in the initial API setup process.

4. Which of the following web applications are suitable for deployment on Simple Application Server (SAS)?

A. Quickly build a personal blog website

B. Run complex enterprise applications

C. Handle large-scale data processing

D. Cloud-native banking applications

Simple Application Server (SAS) is designed to provide users with a straightforward and user-friendly way to deploy web applications without needing extensive infrastructure management. It excels in hosting lightweight applications and websites, making it particularly suitable for simple and less resource-intensive tasks. When considering the options, building a personal blog website aligns perfectly with the capabilities of SAS. Such a website typically requires less computational power, can often be built using common web technologies, and benefits from the quick deployment and easily manageable environment that SAS provides. In contrast, the other options involve applications that usually demand more robust infrastructure and resources. Running complex enterprise applications, handling large-scale data processing, and deploying cloud-native banking applications require significant scalability, high availability, and sometimes specialized services that go beyond what SAS offers. These applications often necessitate a more complex cloud architecture that can adapt to intensive resource needs and provide advanced features such as load balancing, security, and high-performance computing, which are not the primary focus of SAS.

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5. What is the main function of Alibaba Cloud API Gateway?

A. To provide storage solutions for applications

B. To create, publish, and manage APIs

C. To serve as a content delivery network

D. To analyze user traffic patterns

The main function of Alibaba Cloud API Gateway is to create, publish, and manage APIs effectively. This service helps developers provide a unified access point for various backend services and applications. By using the API Gateway, businesses can streamline their API management, ensuring that they can easily create, test, deploy, and monitor APIs required for their applications. The API Gateway also offers features such as rate limiting, authentication, and logging, which are essential for maintaining security and optimizing usage. It plays a vital role in managing the entire API lifecycle, enabling developers to focus more on application functionality rather than the complexities of network interactions. This makes it an integral component for organizations that rely on microservices architecture or need to expose their services to outside consumers securely. The other options do not align with the primary purpose of the API Gateway. While storage solutions are vital, they are not the main function of this service. Similarly, serving as a content delivery network focuses on optimizing content delivery rather than API management. Analyzing user traffic patterns pertains more to analytics services, which, while important, is not the core capability of an API Gateway.

6. What capabilities does Alibaba Cloud Intelligent Speech Interaction Service provide?

A. Speech recognition and text-to-speech

B. Dialogue interaction and video processing

C. Speech recognition and dialogue interaction

D. Audio streaming and recording

The Alibaba Cloud Intelligent Speech Interaction Service is designed to facilitate natural communication between humans and machines through advanced speech technology. One of its primary capabilities is speech recognition, which allows the service to convert spoken language into text, enabling applications to understand user inputs through voice commands. Additionally, it supports dialogue interaction, which means it can engage in back-and-forth conversations, effectively enabling a more interactive and user-friendly experience. This combination of speech recognition and dialogue interaction makes the service particularly powerful for applications like virtual assistants, customer service interfaces, and other scenarios where voice interaction is key. By enabling software to understand and respond to human speech in a conversational manner, Alibaba Cloud enhances user engagement and streamlines processes. In contrast, other options include functionalities that are either not core to what the Intelligent Speech Interaction Service provides or combine features that do not pertain directly to its offerings. This positions the selected capabilities as essential components of the service.

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7. What is the primary function of Alibaba Cloud's SSL Certificate Service?

A. To provide secure file storage solutions

B. To increase website loading speed

C. To enable secure communication over the internet

D. To offer a platform for online transactions

The primary function of Alibaba Cloud's SSL Certificate Service is to enable secure communication over the internet. SSL (Secure Sockets Layer) certificates are vital for establishing an encrypted connection between a user's browser and a web server, ensuring that any data transmitted remains confidential and protected from eavesdropping or tampering. This is particularly important for activities such as online banking, e-commerce transactions, and any scenario where sensitive information is exchanged. SSL certificates not only encrypt data but also authenticate the identity of websites, providing users with assurance that they are communicating with legitimate entities. This helps build trust and enhances the security posture of a website, which is especially crucial in today's digital landscape. While secure file storage solutions, improved website loading speed, and platforms for online transactions are important aspects of web services, they do not fundamentally pertain to the main purpose of SSL certificates, which is centered on ensuring secure data transmission.

8. Which scenario is valid after disconnecting the application from source database B during a migration?

A. Log in to source database B to ensure write operations occurred

B. Delete the source database B before migration

C. Restart the application immediately after disconnection

D. Monitor the database from a different account

After disconnecting the application from the source database B during a migration, it is important to validate that no additional write operations have occurred on the source database during the migration process. Logging into the source database B allows you to confirm that the intended data has been captured and no further changes are made that could affect consistency and data integrity in the migration. This validation step is critical because if any write operations occur after disconnection, it could lead to data inconsistencies. Ensuring that there are no unwanted changes verifies that the dataset you are migrating is accurate and complete, allowing for a smooth transition to the target database. The other scenarios do not align with best practices for managing a safe and effective migration. Deleting the source database before migration would risk losing essential data. Restarting the application immediately could introduce errors or complications, and monitoring from a different account may not provide the necessary access to confirm write operations related to the specific migration process.

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9. Which plugin is recommended for enhanced logging capabilities in Alibaba Cloud services?

A. Alibaba Cloud API Gateway

B. Alibaba Cloud CloudMonitor

C. Alibaba Cloud Log Service

D. Alibaba Cloud Data Integration

The recommended plugin for enhanced logging capabilities in Alibaba Cloud services is the Alibaba Cloud Log Service. This service is specifically designed to collect, store, and analyze log data from various sources, making it a powerful tool for developers and system administrators. It allows for comprehensive log management, including real-time log monitoring, search functionalities, and alerting capabilities, which are essential for troubleshooting and optimizing applications. Using the Log Service, users can easily aggregate logs from different services and resources within Alibaba Cloud, providing a unified view of their system's behavior and performance. This is critical for maintaining application health, compliance requirements, and understanding user behavior. While other options, such as CloudMonitor, do provide monitoring and logging functionalities, they are not primarily focused on log management. CloudMonitor is more oriented towards performance metrics and resource monitoring rather than detailed log collection and analysis. API Gateway and Data Integration may also contribute to operational visibility but are not specifically tailored for enhanced logging like the Log Service. Therefore, the Alibaba Cloud Log Service stands out as the most suitable choice for those seeking enhanced logging capabilities.

10. 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.

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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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