AWS Certified Solutions Architect - Associate

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About AWS Exam

Exam Process

• **AWS Certification helps learners build credibility and confidence** by validating their cloud expertise with an industry-recognized credential and organizations identify skilled professionals to lead cloud initiatives using AWS.

• Organizations need individuals with cloud skills to help transform their business. **AWS Training and Certification helps you build and validate your cloud skills so you can get more out of the cloud.** Our content is built by experts at AWS and updated regularly to keep pace with AWS updates, so you can be sure you're learning the latest and keeping your cloud skills fresh.

• **We offer both digital and classroom training**, so you can choose to learn online at your own pace or learn best practices from an instructor. Whether you are just starting out, building on existing IT skills, or sharpening your cloud knowledge, AWS Training and Certification can help you be more effective and do more in the cloud.

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Overview of - AWS Certified Solutions Architect - Associate

The AWS Certified Solutions Architect - Associate examination is intended for individuals who perform a solutions architect role. This exam validates an examinee's ability to effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies.

It validates an examinee's ability to:

- Define a solution using architectural design principles based on customer requirements.
- Provide implementation guidance based on best practices to the organization throughout the life cycle of the project.

Overview of - AWS Certified Solutions Architect - Associate

Exam Preparation

These training courses and materials will help with exam preparation:

AWS Training (aws.amazon.com/training)

- Architecting on AWS instructor-led, live or virtual 3 day course

AWS Whitepapers (aws.amazon.com/whitepapers) Kindle and .pdf and Other Materials

- Architecting for the Cloud: AWS Best Practices whitepaper, Feb 2016
- AWS Well-Architected web page (various whitepapers linked)

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Eligibility Requirements

Recommended AWS Knowledge

- One year of hands-on experience designing available, cost-efficient, fault-tolerant, and scalable distributed systems on AWS
- Hands-on experience using compute, networking, storage, and database AWS services
- Hands-on experience with AWS deployment and management services
- Ability to identify and define technical requirements for an AWS-based application
- Ability to identify which AWS services meet a given technical requirement
- Knowledge of recommended best practices for building secure and reliable applications on the AWS platform
- An understanding of the basic architectural principles of building on the AWS Cloud
- An understanding of the AWS global infrastructure
- An understanding of network technologies as they relate to AWS
- An understanding of security features and tools that AWS provides and how they relate to traditional services

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Application Payment

• Our test delivery vendor, PSI, accepts Visa, MasterCard, or American Express card numbers. Discover, Diner's Club, and JCB cards are currently not accepted.

• For countries that have implemented a Value Added Tax (VAT), customers will be charged the applicable rate as determined by their country.

To generate a receipt

To generate a receipt for an exam you registered for in PSI, access your AWS Certification Account within the AWS Training and Certification Portal and click "Manage PSI Exams." From PSI, click "View Details" beside the scheduled exam to find the "Print Receipt" button.

Rescheduling/ Refund

Rescheduling or cancelling a PSI exam within 48 hours of your exam time will result in a USD 60 fee. You will not be able to reschedule or cancel an exam within 24 hours of exam time. If you miss your scheduled exam appointment, you will forfeit the exam fee and are not eligible for a refund. A full refund is provided if you cancel your exam with more than 48 hours' notice.

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Exam Pattern

Each certification candidate is required to pass a written examination that consists of multiple-choice questions. The available mode of languages: English, Japanese, Korean, Simplified Chinese.
The duration of exam is 2 hours 10 minutes.
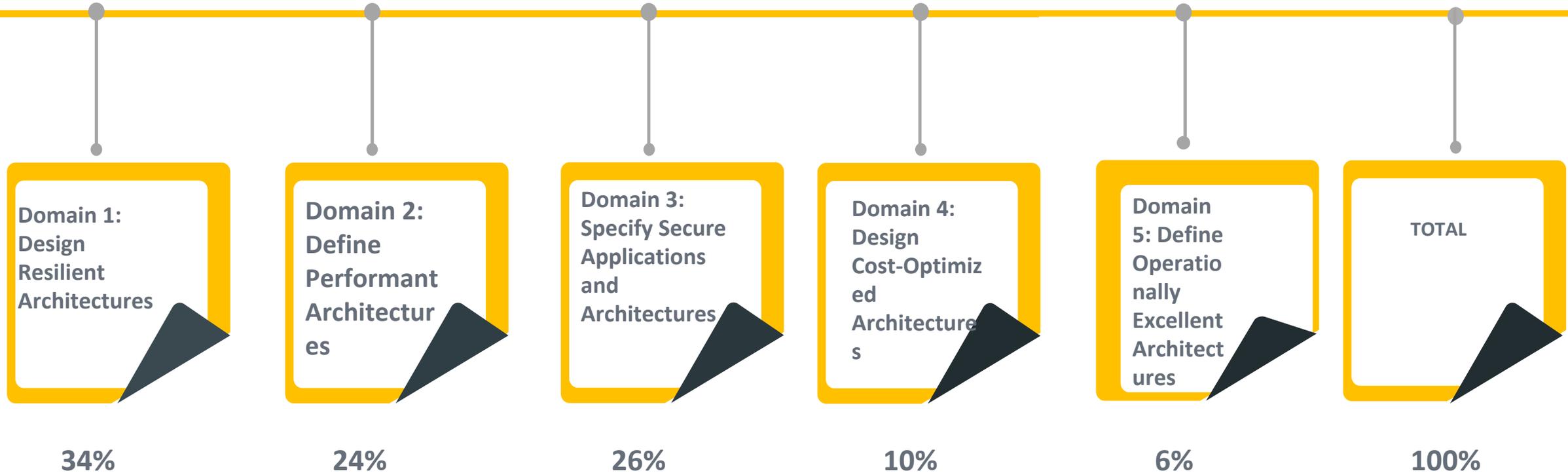
Response Types:

There are two types of questions on the examination:

• Multiple-choice: Has one correct response and three or four incorrect responses (distracters).
• Multiple-response: Has two or more correct responses out of five or more options.
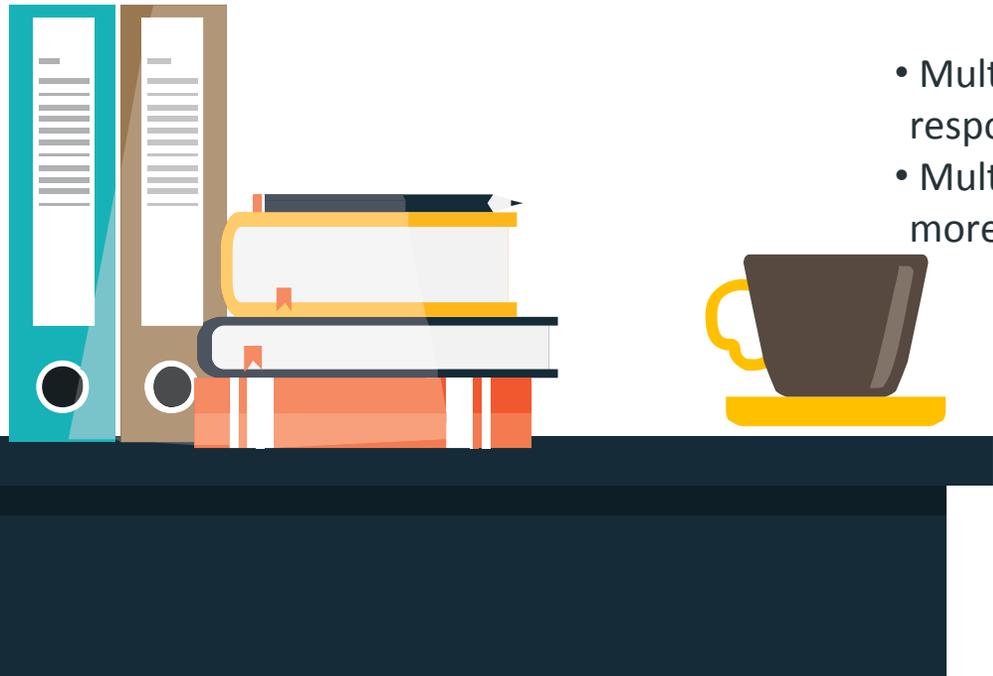
Format	Duration
MCQs/ Multiple answer	130 minutes

AWS Certified Solutions Architect – Associate - **Blueprint**

Domain 1: Design Resilient Architectures	Domain 2: Define Performant Architectures	Domain 3: Specify Secure Applications and Architectures	Domain 4: Design Cost-Optimized Architectures	Domain 5: Define Operationally Excellent Architectures	TOTAL
34%	24%	26%	10%	6%	100%

1. A company is storing an access key (access key ID and secret access key) in a text file on a custom AMI. The company uses the access key to access DynamoDB tables from instances created from the AMI. The security team has mandated a more secure solution.

Which solution will meet the security team's mandate?

A. Put the access key in an S3 bucket, and retrieve the access key on boot from the instance.
B. Pass the access key to the instances through instance user data.
C. Obtain the access key from a key server launched in a private subnet.
D. Create an IAM role with permissions to access the table, and launch all instances with the new role.

Ans: D. Create an IAM role with permissions to access the table, and launch all instances with the new role.

2. An application requires a highly available relational database with an initial storage capacity of 8 TB. The database will grow by 8 GB every day. To support expected traffic, at least eight read replicas will be required to handle database reads.

Which option will meet these requirements?

A. DynamoDB
B. Amazon S3
C. Amazon Aurora
D. Amazon Redshift

Ans: C. Amazon Redshift

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Why testpreptraining.com

AWS Certified Solutions Architect - Associate

- 30 Days Money Back Guarantee
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- 100% Syllabus Covered : All Exam Objectives
- Access On All Devices
- Online Email Support

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