

AWS Certified Security - Specialty

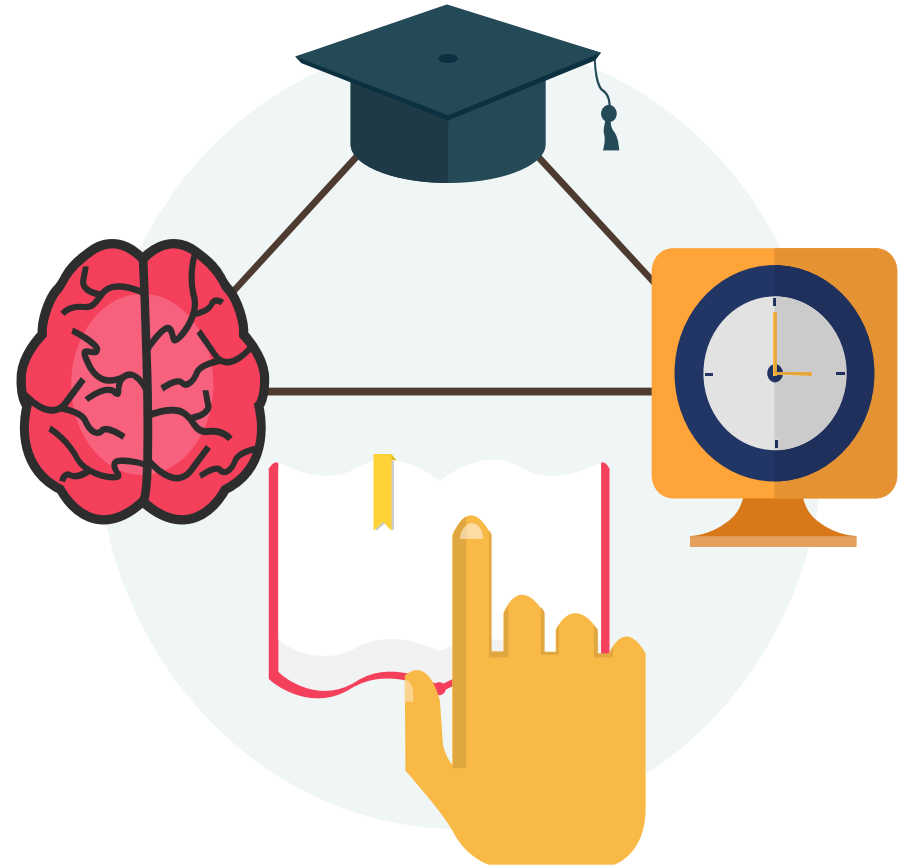
EXAMINATION CONTENT OUTLINE



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.



Overview of AWS Certified Security - Specialty

The AWS Certified Security Specialty allows experienced cloud security professionals to demonstrate and validate their knowledge of how to secure the AWS platform.

It validates an examinee's ability to demonstrate:

- An understanding of specialized data classifications and AWS data protection mechanisms.
- An understanding of data encryption methods and AWS mechanisms to implement them.
- An understanding of secure Internet protocols and AWS mechanisms to implement them.
- A working knowledge of AWS security services and features of services to provide a secure production environment.
- Competency gained from two or more years of production deployment experience using AWS security services and features.
- Ability to make tradeoff decisions with regard to cost, security, and deployment complexity given a set of application requirements.
- An understanding of security operations and risk.

Overview

of AWS Certified Security

- Specialty

Overview of AWS Certified Security - Specialty

Exam Preparation

We have training and other resources to help you prepare for the exam:

AWS

Training

- Advanced Architecting on AWS classroom training
- Security Engineering on AWS classroom training
- AWS Digital Training focused on security services and topics, including:
 - AWS Security Fundamentals
 - Authentication and Authorization with AWS Identity and Access Management
 - AWS Shared Responsibility Model
 - AWS Well-Architected Training

AWS Whitepapers:

- Security and Compliance documentation
- Compliance resources



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Eligibility Requirements

Eligible candidates for this exam have:

Recommended AWS Knowledge

- A minimum of five years of IT security experience designing and implementing security solutions.
- At least two years of hands-on experience securing AWS workloads.
- Security controls for workloads on AWS.



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 50 minutes.

Response Types:

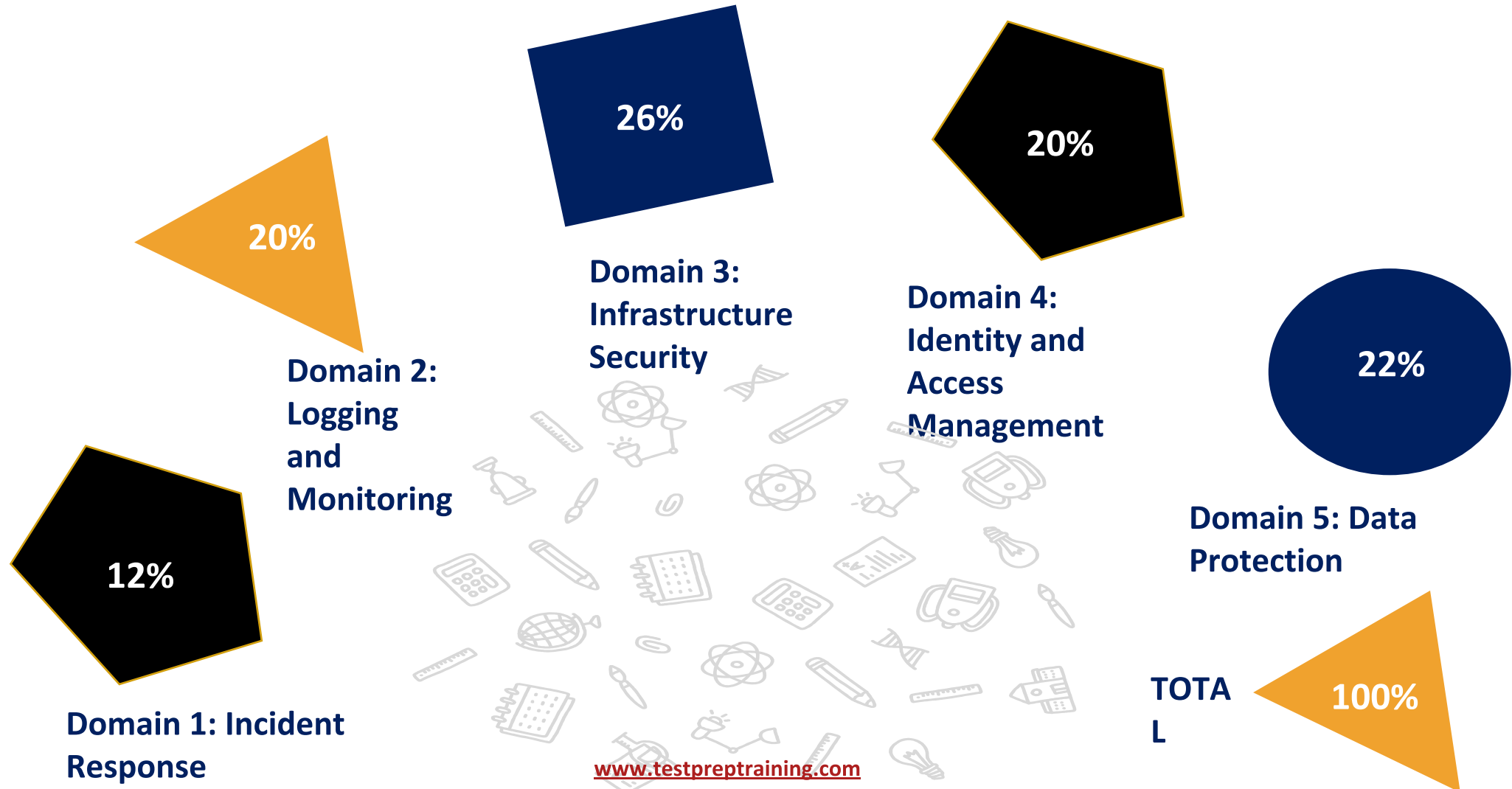
There are two types of questions on the examination:

- 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	Number of questions
MCQs/ Multiple answer	170 minutes	65



AWS Certified Security – Specialty Blueprint



1. A Security Engineer has been informed that a user's access key has been found on GitHub. The Engineer must ensure that this access key cannot continue to be used, and must assess whether the access key was used to perform any unauthorized activities. What steps must be taken to perform these tasks?

What steps must be taken to perform these tasks?

- A. Review the user's IAM permissions and delete any unrecognized or unauthorized resources.
- B. Delete the user, review the Amazon CloudWatch logs in all regions, and report the abuse.
- C. Delete or rotate the user's key, review the CloudTrail logs in all regions, and delete any unrecognized or unauthorized resources.
- D. Instruct the user to remove the key from the GitHub submission, rotate keys, and re-deploy any instances that were launched.

Ans: C. Delete or rotate the user's key, review the CloudTrail logs in all regions, and delete any unrecognized or unauthorized resources.

2. An application team is designing a solution with two applications. The security team wants the applications' logs to be captured in two different places, because one of the applications produces logs with sensitive data.

What solution meets the requirement with the LEAST risk and effort?

- A. Use Amazon CloudWatch logs to capture all logs, write an AWS Lambda function that parses the log file, and move sensitive data to a different log.
- B. Use Amazon CloudWatch logs with two log groups, one for each application, and use an AWS IAM policy to control access to the log groups as required.
- C. Aggregate logs into one file, then use Amazon CloudWatch Logs, and then design two CloudWatch metric filters to filter sensitive data from the logs.
- D. Add logic to the application that saves sensitive data logs on the Amazon EC2 instances' local storage, and write a batch script that logs into the EC2 instances and moves sensitive logs to a secure location.

Ans: B. Use Amazon CloudWatch logs with two log groups, one for each application, and use an AWS IAM policy to control access to the log groups as required.



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