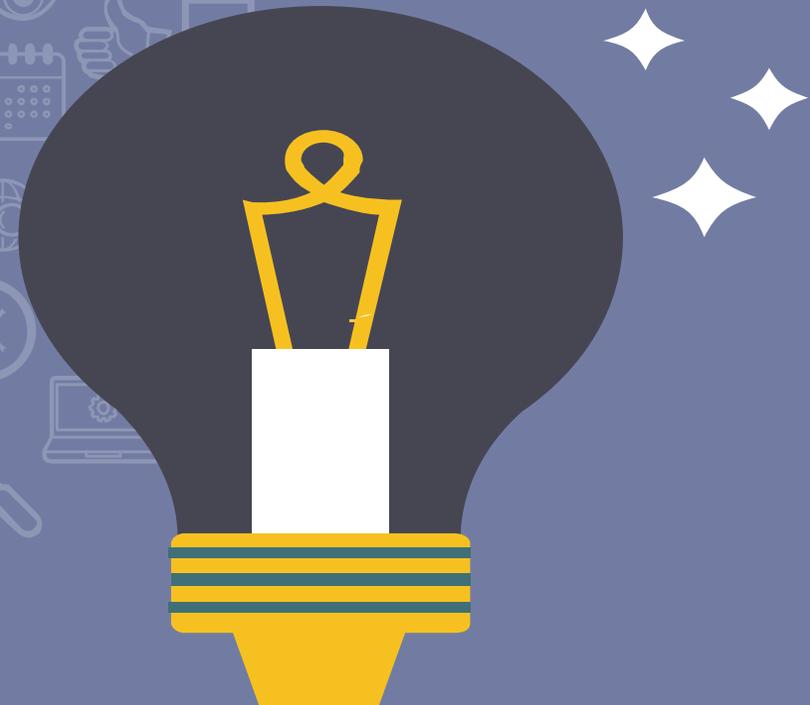


# AWS Certified SysOps Administrator - Associate

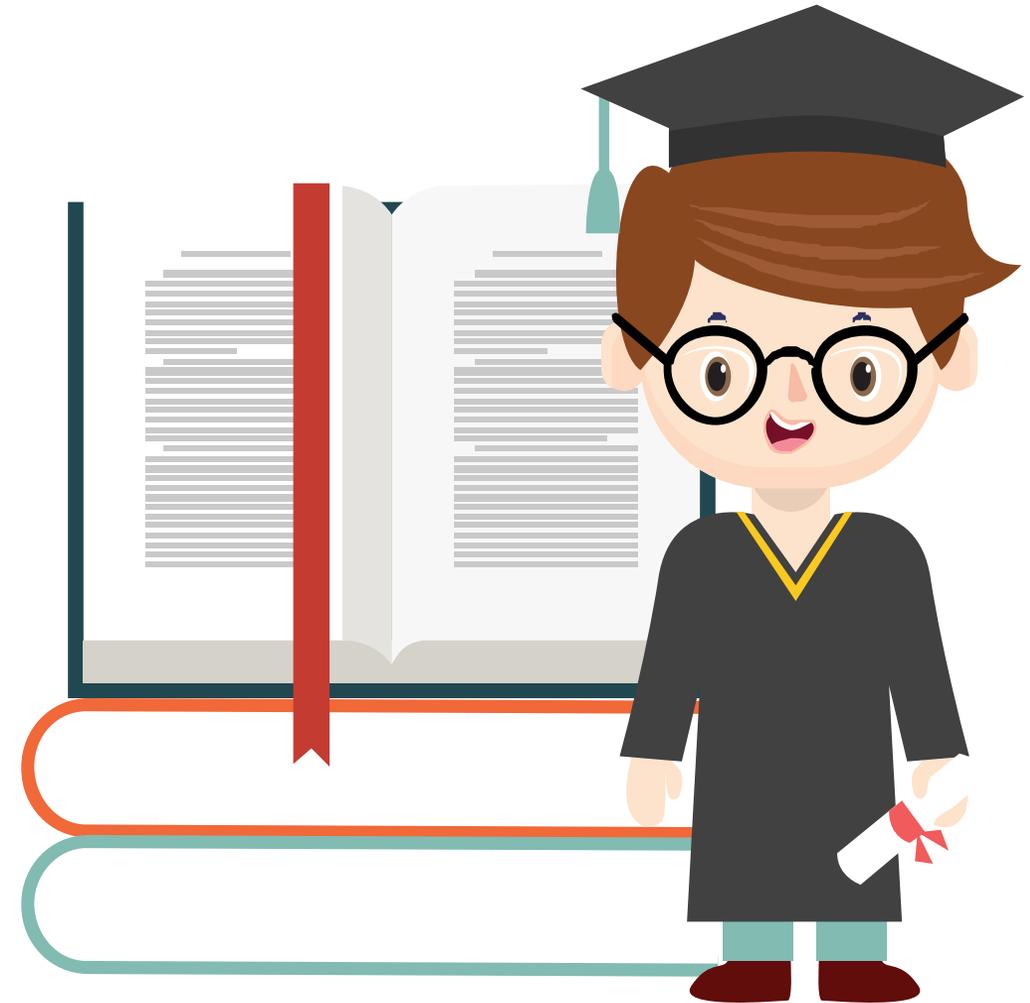
**EXAMINATION CONTENT OUTLINE**



# 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.

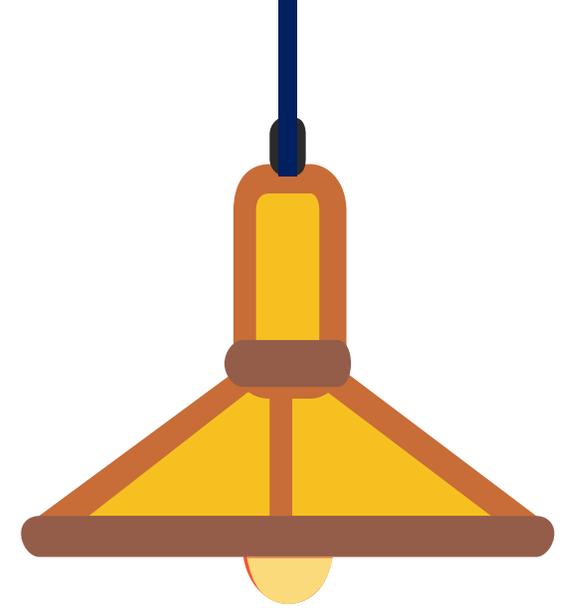


# Overview of - AWS Certified SysOps Administrator - Associate

The AWS Certified SysOps Administrator - Associate (SOA-C01) is intended for individuals who have technical expertise in deployment, management, and operations on AWS.

It validates an examinee's ability to:

- Deploy, manage, and operate scalable, highly available, and fault-tolerant systems on AWS
- Implement and control the flow of data to and from AWS
- Select the appropriate AWS service based on compute, data, or security requirements
- Identify appropriate use of AWS operational best practices
- Estimate AWS usage costs and identify operational cost control mechanisms
- Migrate on-premises workloads to AWS



# Overview of - AWS Certified SysOps Administrator - Associate

## Examination Prerequisite

There are no prerequisites for taking the SysOps Administrator-Associate examination

## Exam Preparation

These training courses and materials may be helpful for examination preparation:

### For AWS Training:

- System Operations on AWS

### For White Papers

- Architecting for the Cloud: AWS Best Practices
- AWS Security Best Practices
- Amazon Web Services: Overview of Security Processes
- AWS Well-Architected Framework
- Development and Test on AWS
- Backup and Recovery Approaches Using AWS
- Amazon Virtual Private Cloud Connectivity Options
- How AWS Pricing Works



## Eligibility Requirements

### Recommended AWS knowledge:

- Minimum of 1 year hands-on experience with AWS
- Experience managing/operating systems on AWS
- Understanding of the AWS tenets – architecting for the cloud
- Hands-on experience with the AWS CLI and SDKs/API tools
- Understanding of network technologies as they relate to AWS
- Understanding of security concepts with hands-on experience in implementing security controls and compliance requirements

### Recommended general IT knowledge:

- 1-2 years of experience as a systems administrator in a systems operations role
- Understanding of virtualization technology
- Monitoring and auditing systems experience
- Knowledge of networking concepts (e.g., DNS, TCP/IP, and firewalls)
- Ability to translate architectural requirements



# AWS Certified SysOps Administrator – Associate Application Payment

## 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.



# AWS Certified Security - Specialty

## 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:

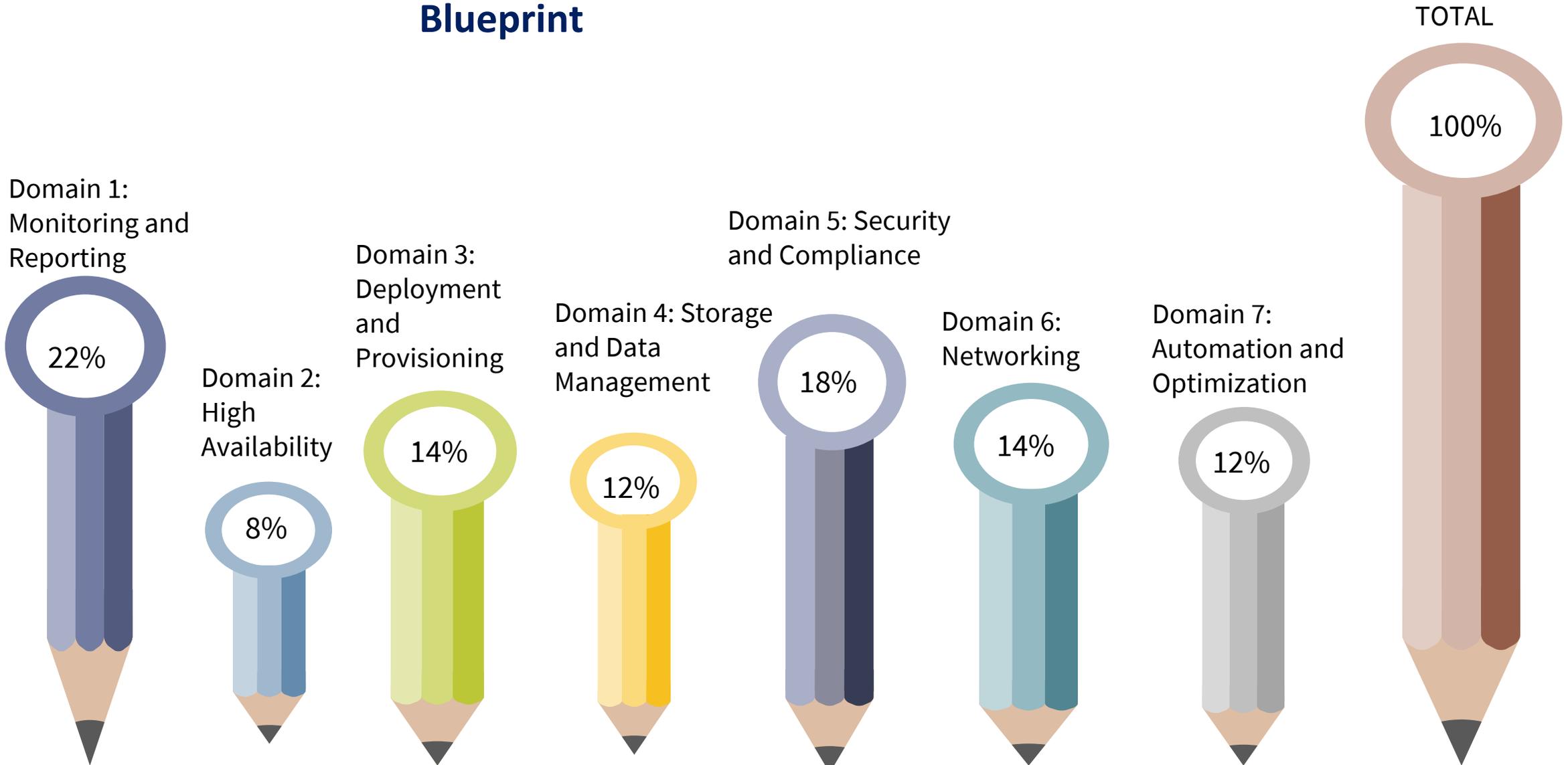
There are two types of questions on the examination:

- 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 SysOps Administrator - Associate Blueprint





**1. When working with Amazon RDS, by default AWS is responsible for implementing which two management-related activities? (Pick 2 correct answers)**

- A. Importing data and optimizing queries
- B. Installing and periodically patching the database software
- C. Creating and maintaining automated database backups with a point-in-time recovery of up to five minutes
- D. Creating and maintaining automated database backups in compliance with regulatory long-term retention requirements

**2. You have been tasked with identifying an appropriate storage solution for a NoSQL database that requires random I/O reads of greater than 100,000 4kB IOPS.**

**Which EC2 option will meet this requirement?**

- A. EBS provisioned IOPS
- B. SSD instance store
- C. EBS optimized instances
- D. High Storage instance configured in RAID 10

**3. You need to establish a backup and archiving strategy for your company using AWS. Documents should be immediately accessible for 3 months and available for 5 years for compliance reasons.**

**Which AWS service fulfils these requirements in the most cost effective way?**

- A. Use StorageGateway to store data to S3 and use life-cycle policies to move the data into Redshift for long-time archiving
- B. Use DirectConnect to upload data to S3 and use IAM policies to move the data into Glacier for longtime archiving
- C. Upload the data on EBS, use life-cycle policies to move EBS snapshots into S3 and later into Glacier for long-time archiving
- D. Upload data to S3 and use life-cycle policies to move the data into Glacier for long-time archiving

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