

# AWS SOA-C02 Study Guide PDF

GRAB THE AWS-SYSOPS CERTIFICATION PDF QUESTIONS & ANSWERS

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Exam Summary – Syllabus – Questions

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**SOA-C02**

**AWS Certified SysOps Administrator - Associate**

65 Questions Exam – 720 / 1000 Cut Score – Duration of 180 minutes

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## Get an Overview of the SOA-C02 Certification:

Who should take the [SOA-C02 exam](#)? This is the first question that comes to a candidate's mind when preparing for the AWS-SysOps certification. The SOA-C02 certification is suitable for candidates who are keen to earn knowledge on the Operations and grab their AWS Certified SysOps Administrator - Associate. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But SOA-C02 study guide PDF is here to solve the problem. SOA-C02 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

## Why Should You Earn the AWS SOA-C02 Certification?

There are several reasons why one should grab the SOA-C02 certification.

- The AWS-SysOps certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [AWS Certified SysOps Administrator - Associate](#) is a powerful qualification for a prosperous career.

## What Is the SOA-C02 AWS-SysOps Certification Exam Structure?

<b>Exam Name</b>	AWS SysOps Administrator Associate (AWS-SysOps)
<b>Exam Code</b>	SOA-C02
<b>Exam Price</b>	\$150 USD
<b>Duration</b>	180 minutes
<b>Number of Questions</b>	65
<b>Passing Score</b>	720 / 1000
<b>Recommended Training / Books</b>	<a href="#">Systems Operations on AWS</a>
<b>Schedule Exam</b>	<a href="#">AWS Certification</a>
<b>Sample Questions</b>	<a href="#">AWS SOA-C02 Sample Questions</a>
<b>Recommended Practice</b>	<a href="#">AWS Certified SysOps Administrator - Associate Practice Test</a>

# Enhance Knowledge with SOA-C02 Sample Questions:

## Question: 1

A company runs an application on a large fleet of Amazon EC2 instances to process financial transactions. The EC2 instances share data by using an Amazon Elastic File System (Amazon EFS) file system.

The company wants to deploy the application to a new Availability Zone and has created new subnets and a mount target in the new Availability Zone. When a SysOps administrator launches new EC2 instances in the new subnets, the EC2 instances are unable to mount the file system.

Which of the following is a possible reason for this issue?

- a) The EFS mount target has been created in a private subnet.
- b) The IAM role that is associated with the EC2 instances does not allow the `efs:MountFileSystem` action.
- c) The route tables have not been configured to route traffic to a VPC endpoint for Amazon EFS in the new Availability Zone.
- d) The security group for the mount target does not allow inbound NFS connections from the security group used by the EC2 instances.

**Answer: d**

## Question: 2

A company hosts a web application on an Amazon EC2 instance. Users report that the web application is occasionally unresponsive.

Amazon CloudWatch metrics indicate that the CPU utilization is 100% during these times. A SysOps administrator must implement a solution to monitor for this issue.

Which solution will meet this requirement?

- a) Create a CloudWatch alarm that monitors AWS CloudTrail events for the EC2 instance.
- b) Create a CloudWatch alarm that monitors CloudWatch metrics for EC2 instance CPU utilization.
- c) Create an Amazon Simple Notification Service (Amazon SNS) topic to monitor CloudWatch metrics for EC2 instance CPU utilization.
- d) Create a recurring assessment check on the EC2 instance by using Amazon Inspector to detect deviations in CPU utilization.

**Answer: b**

**Question: 3**

A company runs a large number of Amazon EC2 instances for internal departments. The company needs to track the costs of its existing AWS resources by department.

What should a SysOps administrator do to meet this requirement?

- a) Activate all of the AWS generated cost allocation tags for the account.
- b) Apply user-defined tags to the instances through Tag Editor. Activate these tags for cost allocation.
- c) Schedule an AWS Lambda function to run the AWS Pricing Calculator for EC2 usage on a recurring schedule.
- d) Use the AWS Trusted Advisor dashboard to export EC2 cost reports.

**Answer: b**

**Question: 4**

A company needs to ensure that an AWS Lambda function can access resources in a VPC in the company's account. The Lambda function requires access to third-party APIs that can be accessed only over the internet.

Which action should a SysOps administrator take to meet these requirements?

- a) Attach an Elastic IP address to the Lambda function and configure a route to the internet gateway of the VPC.
- b) Connect the Lambda function to a private subnet that has a route to the virtual private gateway of the VPC.
- c) Connect the Lambda function to a public subnet that has a route to the internet gateway of the VPC.
- d) Connect the Lambda function to a private subnet that has a route to a NAT gateway deployed in a public subnet of the VPC.

**Answer: d**

**Question: 5**

A company is running a custom database on an Amazon EC2 instance. The database stores its data on an Amazon Elastic Block Store (Amazon EBS) volume. A SysOps administrator must set up a backup strategy for the EBS volume.

What should the SysOps administrator do to meet this requirement?

- a) Create an Amazon CloudWatch alarm for the VolumesIdleTime metric with an action to take a snapshot of the EBS volume.
- b) Create a pipeline in AWS Data Pipeline to take a snapshot of the EBS volume on a recurring schedule.
- c) Create an Amazon Data Lifecycle Manager (Amazon DLM) policy to take a snapshot of the EBS volume on a recurring schedule.
- d) Create an AWS DataSync task to take a snapshot of the EBS volume on a recurring schedule.

**Answer: c**

**Question: 6**

A company runs several production workloads on Amazon EC2 instances. A SysOps administrator discovered that a production EC2 instance failed a system health check. The SysOps administrator recovered the instance manually.

The SysOps administrator wants to automate the recovery task of EC2 instances and receive notifications whenever a system health check fails. Detailed monitoring is activated for all of the company's production EC2 instances.

Which of the following is the MOST operationally efficient solution that meets these requirements?

- a) For each production EC2 instance, create an Amazon CloudWatch alarm for Status Check Failed: System. Set the alarm action to recover the EC2 instance. Configure the alarm notification to be published to an Amazon Simple Notification Service (Amazon SNS) topic.
- b) On each production EC2 instance, create a script that monitors the system health by sending a heartbeat notification every minute to a central monitoring server. If an EC2 instance fails to send a heartbeat, run a script on the monitoring server to stop and start the EC2 instance and to publish a notification to an Amazon Simple Notification Service (Amazon SNS) topic.
- c) On each production EC2 instance, create a script that sends network pings to a highly available endpoint by way of a cron job. If the script detects a network response timeout, invoke a command to reboot the EC2 instance.
- d) On each production EC2 instance, configure an Amazon CloudWatch agent to collect and send logs to a log group in Amazon CloudWatch Logs. Create a CloudWatch alarm that is based on a metric filter that tracks errors. Configure the alarm to invoke an AWS Lambda function to reboot the EC2 instance and send a notification email.

**Answer: a**

**Question: 7**

A company has an application that uses Amazon ElastiCache for Memcached to cache query responses to improve latency.

However, the application's users are reporting slow response times. A SysOps administrator notices that the Amazon CloudWatch metrics for Memcached evictions are high.

Which actions should the SysOps administrator take to fix this issue?

(Select TWO.)

- a) Flush the contents of ElastiCache for Memcached.
- b) Increase the ConnectionOverhead parameter value.
- c) Increase the number of nodes in the cluster.
- d) Increase the size of the nodes in the cluster.
- e) Decrease the number of nodes in the cluster.

**Answer: c, d**

**Question: 8**

A company is using AWS CloudTrail and wants to ensure that SysOps administrators can easily verify that the log files have not been deleted or changed.

Which action should a SysOps administrator take to meet this requirement?

- a) Grant administrators access to the AWS Key Management Service (AWS KMS) key used to encrypt the log files.
- b) Enable CloudTrail log file integrity validation when the trail is created or updated.
- c) Turn on Amazon S3 server access logging for the bucket storing the log files.
- d) Configure the S3 bucket to replicate the log files to another bucket.

**Answer: b**

**Question: 9**

The company uses AWS Organizations to manage its accounts. For the production account, a SysOps administrator must ensure that all data is backed up daily for all current and future Amazon EC2 instances and Amazon Elastic File System (Amazon EFS) file systems. Backups must be retained for 30 days.

Which solution will meet these requirements with the LEAST amount of effort?

- a) Create a backup plan in AWS Backup. Assign resources by resource ID, selecting all existing EC2 and EFS resources that are running in the account. Edit the backup plan daily to include any new resources. Schedule the backup plan to run every day with a lifecycle policy to expire backups after 30 days.
- b) Create a backup plan in AWS Backup. Assign resources by tags. Ensure that all existing EC2 and EFS resources are tagged correctly. Apply a service control policy (SCP) for the production account OU that prevents instance and file system creation unless the correct tags are applied. Schedule the backup plan to run every day with a lifecycle policy to expire backups after 30 days.
- c) Create a lifecycle policy in Amazon Data Lifecycle Manager (Amazon DLM). Assign all resources by resource ID, selecting all existing EC2 and EFS resources that are running in the account. Edit the lifecycle policy daily to include any new resources. Schedule the lifecycle policy to create snapshots every day with a retention period of 30 days.
- d) Create a lifecycle policy in Amazon Data Lifecycle Manager (Amazon DLM). Assign all resources by tags. Ensure that all existing EC2 and EFS resources are tagged correctly. Apply a service control policy (SCP) that prevents resource creation unless the correct tags are applied. Schedule the lifecycle policy to create snapshots every day with a retention period of 30 days.

**Answer: b**

**Question: 10**

A company uses AWS Organizations to create and manage many AWS accounts. The company wants to deploy new IAM roles in each account.

How could a SysOps administrator deploy the new roles in each of the organization's accounts?

- a) Create a service control policy (SCP) in the organization to add the new IAM roles to each account.
- b) Deploy an AWS CloudFormation change set to the organization with a template to create the new IAM roles.
- c) Use AWS CloudFormation StackSets to deploy a template to each account to create the new IAM roles.
- d) Use AWS Config to create an organization rule to add the new IAM roles to each account.

**Answer: c**

## What Study Guide Works Best in Acing the SOA-C02 AWS-SysOps Certification?

The SOA-C02 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

### Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the AWS-SysOps exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

### Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.



## Get Expert Advice from the Training:

Do not forget to join the AWS SOA-C02 training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

## Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

## Avoid Dumps and Utilize the AWS SOA-C02 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, SOA-C02 practice tests always stand out to be the better choice than dumps PDF.

### **Avail the Proven SOA-C02 Practice Test for Success!!!**

Do you want to pass the SOA-C02 exam on your first attempt? Stop worrying; we, VMExam.com are here to provide you the best experience during your AWS SysOps Administrator Associate preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [SOA-C02 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.