AWS Certified SysOps Administrator Ã¢â‚¬â€œ Associate (Bundle)

Course#:aws-csoaa-b
Duration:5 Days
Price:4250.00

Course Description

This track includes:

AWS Technical Essentials - 1 Day

Systems Operations on AWS - 3 Days

AWS Certification Readiness Workshop: AWS Certified SysOps Administrator Associate - 0.5 Day

AWS Technical Essentialsintroduces you to AWS products, services, and common solutions. It provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS.

InSystems Operations on AWScourse, you will learn how to create automatable and repeatable deployments of networks and systems on the AWS platform. We will explore the AWS features and tools related to configuration and deployment and best practices for configuring and deploying systems.

TheAWS Certified SysOps Administrator Associateexam validates technical expertise in deployment, management, security, and operations on the AWS platform. Join this intermediate-level course to learn how to prepare for the exam by exploring the exams topic areas and how they map to SysOps on AWS and to specific areas to study. The course reviews sample exam questions in each topic area and teaches you how to interpret the concepts being tested so that you can more easily eliminate incorrect responses.

Certification bundle includes:

AWS Technical Essentials

Systems Operations on AWS

AWS Certification Readiness Workshop: AWS Certified SysOps Administrator Associate

AWS Certified SysOps Administrator Associate Exam

Objectives

Recognize terminology and concepts as they relate to the AWS platform and navigate the AWS Management Console.

Understand the foundational services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS).

Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM).

Understand AWS database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS).

Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor.

Understand the AWS infrastructures as it related to system operations such as the global infrastructure, core services and account security

Use the AWS Command Line Interface, and understand additional administration and development tools

Manage, secure, and scale compute instances on AWS

Identify container services and services available for serverless computing

Build virtual private networks with Amazon VPC

Configure and manage storage options utilizing the storage services offered with AWS

Monitor the health of your infrastructure with services such as Amazon CloudWatch, AWS CloudTrail and AWS Config

Manage resource consumption in an AWS account using tags, Amazon CloudWatch, and AWS Trusted Advisor

Create and configure automated and repeatable deployments with tools such as AMIs and AWS CloudFormation

Understand the exam structure and question types.

Identify how questions relate to AWS SysOps concepts.

Interpret the concepts being tested by an exam question.

Allocate your time studying for the AWS Certified SysOps Administrator Associate exam.

Audience

Individuals responsible for articulating the technical benefits of AWS services to customers

Individuals interested in learning how to get started with using AWS

SysOps administrators, Solution Architects and developers interested in using AWS services

System administrators

Software developers in a DevOps role

Prerequisites

We recommend that attendees of this course have the following prerequisites:

Successfully completed the AWS Technical Essentials

Background in software development or systems administration

Proficiency maintaining operating systems at the command line, such as shell scripting in Linux environments or cmd/PowerShell in Windows

Basic knowledge of networking protocols, such as TCP/IP and HTTP

At least one year of hands-on experience provisioning, operating, and maintaining systems running on AWS

Course taken: System Operations on AWS (or equivalent knowledge)

Content

1. AWS Technical Essentialteaches you:

Introduction and History of AWS

AWS Foundational Services: EC2, VPC, S3, EBS

AWS Security, Identity, and Access Management: IAM

AWS Databases: RDS, DynamoDB

AWS Management Tools: Auto Scaling, CloudWatch, Elastic Load Balancing, Trusted Advisor

2. Systems Operations on AWSteaches you:

Understanding Systems Operations on AWS

Tooling and Automation

Computing (Servers)

Computing (Scaling and Name Resolution)

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Computing (Servers)

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3. Exam Readiness: AWS Certified SysOps Administrator Associateteaches you:

Exam Overview and Structure

Content Domains and Question Breakdown

Topics and Concepts Within Content Domains

Question Structure and Interpretation Techniques

Practice Exam Questions