

AWS Certified SysOps Administrator - Associate

In this course, you'll learn how to deploy, manage, and operate workloads on AWS, as well as implement security controls and compliance requirements.

course outline

IS THIS COURSE FOR YOU?

This course is designed for both aspiring and established IT professionals seeking to develop expertise with AWS networking and security services.

ABOUT THE COURSE

Amazon Web Services (AWS) is the world's biggest player in cloud computing. If you're interested in pursuing a role in cloud computing, there's a strong case to be made for you to develop skills with AWS technologies.

In this course, you'll explore the AWS Well-Architected Framework, as well as various software developer solutions in the AWS Cloud. You'll learn about Amazon's Simple Storage Service and about the database solutions supported in AWS.

You'll learn how to provision and manage various AWS network components, and you'll examine various aspects of AWS network security. You'll explore the different ways in which data can be secured in AWS. And you'll learn how virtual machines can be manually deployed, configured, and managed in AWS.

You'll explore network directory services in AWS, and you'll delve into cryptography and learn how to secure resources in the AWS cloud using cryptography. You'll learn about the various backup and restore terminologies and strategies available through AWS ensure ongoing data availability and much more.

AIMS AND OBJECTIVES

The course will prepare you to deploy, manage, and operate workloads in AWS Cloud, and it will prepare you for the AWS Certified SysOps Administrator - Associate certification exam.

PRE-REQUISITES

AWS Cloud Practitioner, Cloud+ and Security+ or equivalent

COURSE CONTENT

- Module 1 - Management Tools
- Module 2 - Storage Management
- Module 3 - Database & EBS Volume Management
- Module 4 - Network Configuration
- Module 5 - Network Security
- Module 6 - VPNs & Data Privacy
- Module 7 - EC2 Instance Deployment & Sizing
- Module 8 - EC2 Instance Management
- Module 9 - Application Containers
- Module 10 - Directory Services
- Module 11 - Cryptography
- Module 12 - Identity & Access Management
- Module 13 - Managing AWS Costs
- Module 14 - AWS & Business Continuity
- Module 15 - Data Availability
- Module 16 - Monitoring AWS
- Module 17 - DNS Name Resolution

CAREER PATH

This course and associated certification will stand you in good stead in roles that involve configuring, deploying, and managing AWS Cloud services.

COURSE DURATION

40 hours. This will vary from individual to individual based on prior knowledge and ability.



CPD POINTS: 40

CPD points awarded upon successful completion.

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