

AWS Certified Solutions Architect Associate (Bundle)

Course#: aws-csaa-b

Duration: 5 Days

Price: 4250.00

Course Description

This Track includes:

Technical Essentials on AWS - 1 day

Architecting on AWS - 3 days

Exam Readiness: AWS Certified Solutions Architect Associate 0.5 day

Technical Essentials- AWS Technical Essentials introduces 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.

Architecting on AWS- This course shows you the fundamentals of building IT infrastructure on the AWS platform. You learn how to optimize the AWS Cloud by understanding AWS services and how they fit into cloud-based solutions. You explore best practices and design patterns to help you architect optimal IT solutions on AWS, then build and explore a variety of infrastructures through guided, hands-on activity. You learn how to create fledgling architectures and build them into robust and adaptive solutions.

AWS Certified Solutions Architect Associate exam validates technical expertise in designing and deploying scalable, highly available, and fault-tolerant systems on AWS. Join this half-day, intermediate-level training to learn how to prepare for the exam by exploring the exams topic areas and how they map to architecting 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. Customers will also receive a voucher to take an additional online practice exam at no cost

Objectives

In this course, you will learn how to:

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.

Make architectural decisions based on AWS architectural principles and best practices

Leverage AWS services to make your infrastructure scalable, reliable, and highly available

Leverage AWS Managed Services to enable greater flexibility and resiliency in an infrastructure

Make an AWS-based infrastructure more efficient to increase performance and reduce costs

Use the Well Architected Framework to improve architectures with AWS solutions

Navigate the logistics of the examination process.

Understand the exam structure and question types.

Identify how questions relate to AWS architectural concepts.

Interpret the concepts being tested by an exam question.

Allocate your time studying for the AWS Certified Solutions Architect Associate exam

Audience

This course is intended for:

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

Solution design engineers

Anyone who needs to understand the scope of cloud architectures

Prerequisites

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

AWS Cloud Practitioner Essentials

Working knowledge of distributed systems

Familiarity with general networking concepts

Working knowledge of multi-tier architectures

Familiarity with cloud computing concepts

At least one year of hands-on experience designing and deploying scalable, highly available, and fault-tolerant systems on the AWS platform

In-depth knowledge of at least one high-level programming language

Course taken: Architecting on AWS (or equivalent knowledge)

Content

Technical Essentials teaches 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

Architecting on AWS teaches you:

The Well-Architected Framework

Networking with AWS

Core AWS concepts, knowledge, and services, including designing your environment and making your environment highly available

Event-driven scaling

Automation

Decoupling

Serverless designs

How to grow your architecture from small to extremely large

Exam Readiness: AWS Certified Solutions Architect Associate teaches you:

Testing Center Information and Expectations

Exam Overview and Structure

Content Domains and Question Breakdown

Topics and Concepts Within Content Domains

Question Structure and Interpretation Techniques

Practice Exam Questions