AWS Certified Solutions Architect Professional Exam Guide

Modality: On Demand

Duration: 2 Hours

This course is for professionals planning to enroll in the SOP-C00 Exam leading to the SOP-C00 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request.

About this Course:

The AWS Certified Solution Architect Professional Exam Guide provides a comprehensive overview of the Certification Exam Key Topics. The goal is to help professionals build familiarity with the topics and develop conceptual knowledge of the core functionalities. This guide trains and prepare professionals striving for success in the AWS Solution Architect Certification Exam.

This course overviews both the theoretical and practical exam concepts and helps professionals understand the characteristics such as Durability, Cost-Effectiveness, Reliability, Scalability, and Security. The professionals will get to know the considerations for designing an optimal system and will learn the art of requirement evaluation & Application Provisioning, Deployment, and Implementation.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following concepts of the AWS Solution Architect Certification Exam:

- Virtual Private Clouds and DNS Configuration
- AWS Kinesis Stream and Firehouse Stream Creation
- AWS SDK Installation and SQS Essentials
- SQS Queue Creation and Data Pipeline Overview & Creation
- AWS CloudTrail Fundamentals and AWS Direct Connect Essentials
- AWS CloudFront Distribution Development and Analytics & Reports
- AWS EMR Cluster Creation and AWS CloudSearch New Domain Development
- Elastic Load Balancers Fundamentals and Development
- AWS Cloud Computing Infrastructure & Whitepapers
- AWS Global Infrastructure and Cloud Pricing & Subscription Principles

Audience:

This course is tailored for the following group of professionals and interested candidates:

- Cloud Computing Enthusiasts
- Cloud Architects
- Professionals seeking proficiency in Amazon S3 Bucket and Databases

- Candidates striving to clear AWS Solution Architect Professional Certification Exam

Prerequisites:

Professionals planning to enroll in the AWS Certified Solutions Architect Professional Exam Guide Training Program must have the AWS Associate Exam Certification.

Course Outline:

SECTION 1 : Introduction

- Intro Preview

SECTION 2 : Virtual Private Clouds

- VPC Introduction Preview
- Configuring a VPC DNS

SECTION 3 : AWS Kinesis

- Create a stream using Kinesis Streams Preview
- Create a stream using Kinesis Firehose

SECTION 4 : AWS SQS

- Introduction to SQS Preview
- Creating a Queue using SQS
- Installing the AWS SDK

SECTION 5 : AWS Data Pipelines

- Introduction to Data Pipelines Preview
- Creating a Data Pipeline

SECTION 6 : AWS Direct Connect

- Creating a Connection
- Virtual Interface Overview

SECTION 7 : AWS CloudTrail

- Introduction to AWS CloudTrail
- Adding a New Trail

SECTION 8 : AWS CloudFront

- Introduction to AWS CloudFront
- Creating a Distribution

- Reports and Analytics

SECTION 9 : AWS CloudSearch

- Introduction to AWS CloudSearch
- Creating a New Search Domain

SECTION 10 : AWS EMR

- Introduction to AWS EMR
- Creating a Cluster

SECTION 11 : Elastic Load Balancers

- Introduction to Elastic Load Balancers
- Creating an Elastic Load Balancer

SECTION 12 : Theoretical Concepts

- AWS Global Infrastructure
- AWS Cloud Pricing Principles
- AWS Whitepapers
- AWS Cloud Computing Infrastructure

SECTION 13 : Summary

- Summary