

AWS Certified Solutions Architect - Professional (Bundle)

Course#: aws-csap-b

Duration: 4 Days

Price: 3820.00

Course Description

This track includes:

Advanced Architecting on AWS - 3 Days

Exam Readiness: AWS Certified Solutions Architect Professional- 1 Day

Advanced Architecting on AWS- intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform. Building on concepts introduced in Architecting on AWS, this course covers how to build complex solutions that incorporate data services, governance, and security on AWS. This course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS.

Exam Readiness: AWS Certified Solutions Architect Professional-The AWS Certified Solutions Architect Professional exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform.

People with two or more years of hands-on experience designing and deploying cloud architecture on AWS should join this advanced full-day workshop to learn how to prepare to successfully pass the exam. The workshop explores the exams topic areas, shows how they relate to architecting on AWS, and maps them to specific areas for future self-study. It includes sample exam questions from each domain and discussions of concepts being tested to help test-takers better eliminate incorrect responses.

Topics in the course will address each of the exams five subject domains.

Design for Organizational complexity

Design for New Solutions

Migration Planning

Cost Control

Continuous Improvement for Existing Solutions

Certification bundle includes:

Advanced Architecting on AWS

AWS Certification Exam Readiness Workshop: AWS Certified Solutions Architect Professional

AWS Certified Solutions Architect Professional Exam

Objectives

This course teaches you how to:

Apply the AWS Well-Architected Framework
Manage multiple AWS accounts for your organization
Connect an on-premises datacenter to the AWS Cloud
Discuss billing implications of connecting multi-region VPCs
Move large data from an on-premises datacenter to AWS
Design large data stores for the AWS Cloud
Understand different architectural designs for scaling a large website
Protect your infrastructure from distributed denial of service (DDOS) attacks
Secure your data on AWS with encryption
Design protection of data at rest and data in transit
Enhance the performance of your solutions
Select the most appropriate AWS deployment mechanism
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 exam questions
Allocate time spent preparing for the AWS Certified Solutions Architect Professional exam

Audience

This workshop is intended for:

Individuals who are preparing to take the AWS Certified Solutions Architect Professional exam
This course is intended for experienced IT professionals who are already familiar with AWS services.

Prerequisites

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

Architecting on AWS

AWS Certified Solutions Architect Associate certification

Two or more years of hands-on experience designing and deploying cloud architectures on AWS

Experience evaluating cloud application requirements and making architectural recommendations

for their implementation, deployment, and provisioning

Proficiency at providing guidance in using best practices in architectural design across multiple applications/projects in an enterprise

An understanding of hybrid cloud infrastructures

Familiarity with the AWS CLI, the AWS Management Console, AWS APIs, the AWS Billing Console, and AWS CloudFormation

Content

Advanced Architecting on AWS teaches you:

Architecting on AWS Review

AWS Account Management

Advanced Networking on AWS

Deployment Management on AWS

Build a Hybrid Architecture

Optimize your use of Amazon S3

Leverage Amazon ElastiCache to handle and store data at scale

Build a Failover Solution with Amazon Route 53 and Amazon RDS Read Replication

AWS Snowball

Amazon S3 Transfer Acceleration

AWS Storage Gateway

Backing up and archiving data on AWS

Migrating databases into AWS

Designing for Big Data

Amazon DynamoDB for Big Data

DynamoDB Streams

DynamoDB for Big Data Design Patterns

Design for Large Scale Applications

Deployment with Elastic Beanstalk

Build Resilient Architectures Part A

CloudFront Content Delivery and Automating WAF Rules

Encryption and data security

KMS Envelope Encryption

Exam Readiness Workshop: AWS Certified Solutions Architect Professional 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