

AWS Certified Solutions Architect Professional

ABOUT COURSE

Amazon Web Services - (AWS) Certification is becoming the most demanded certificate for any IT professional on Cloud Computing. This course is designed to help you pass the AWS Certified Solutions Architect (CSA) - Professional Exam. Before pursuing this course completing the Architect Associate Course is mandatory. Even if you are a complete novice on cloud before, by the end of our training you will be able to take the exam. With AWS certification you will be in high demand by many enterprises and will demand a higher remuneration.

In this course we will cover all of the major areas of AWS that you'll need to know to obtain the Professional certification including:

- Costing & Account Management
- High Availability & Business Continuity
- Deployment Management - Network Design
- Data Storage
- Security
- Scalability & Elasticity
- Cloud Migration & Hybrid

AWS are constantly evolving their platform and our post engagement learning helps you getting in touch with any changes.

Rulepaper Academy excels in providing an Enterprise Level of training with a zero theory learning approach provided by enterprise cloud and SME veterans. Thousands of students have taken their journey with us and excelled high in their dream careers, either in job or pursuing a new career. We believe in giving the learner a learning experience which becomes the foundation stone for the success of both trainee and Rulepaper.

REQUIREMENT

You should have completed the Certified Solutions Architect - Associate course.

Every Student Will Need An AWS Account

A Windows, Linux or Mac PC/Laptop

YOU WILL GET

Prepare for AWS Certified Solutions Architect - Professional Exam

Design Highly Resilient Websites on AWS

Become Expert and SME level Familiar With The AWS Platform

Become Rulepaper Certified

TARGET AUDIENCE

Existing Solutions Architects

Programmers Interested in Deploying Applications on AWS

COURSE OUTLINE

- INTRODUCTION
 - Introduction
 - Exam Brief

- HIGH AVAILABILITY & BUSINESS CONTINUITY
 - DR & AWS Part 1
 - DR & AWS Part 2
 - DR & BC for Databases
 - Storage Gateway
 - AWS Import/Export
 - Automated BackUps

- COSTING & ACCOUNT MANAGEMENT

- Cross Account Access - Roles & Permissions
- Consolidated Billing
- Tagging & Resource Groups
- Reserved Instances for EC2 & RDS
- Knowing your EC2 Instance Types

➤ DEPLOYMENT MANAGEMENT

- CloudFormation
- Elastic Beanstalk
- OpsWorks
- Opsworks Lab

➤ NETWORK DESIGN

- VPC Refresher
- Build Your Own Custom VPC Lab (Optional)
- Deploying a NAT LAB (Optional)
- VPC Peering
- Using AWS Direct Connect
- HPC
- ELB
- Scaling NATs

➤ DATA STORAGE

- Optimizing S3
- S3 - Best Practices
- Database Design Patterns

➤ SECURITY

- AWS Directory Services
 - Security Token Service (STS)
 - Monitoring Your Network
 - Cloud HSM
 - DDoS Overview
 - IDS & IPS on AWS
- SCALABILITY & ELASTICITY
- CloudFront Advanced Topics
 - Use Caching Effectively - Memcached vs Redis
 - Kinesis Streams
 - SNS and Mobile Push
- CLOUD MIGRATION & HYBRID
- Integrating with VMware
 - Migrating Data to the Cloud Using Storage Gateway
 - Data Pipeline
 - Data Pipeline Lab
 - Network Migrations
- FINAL STEPS
- Exam Point of View

DURATION

32 Hours.