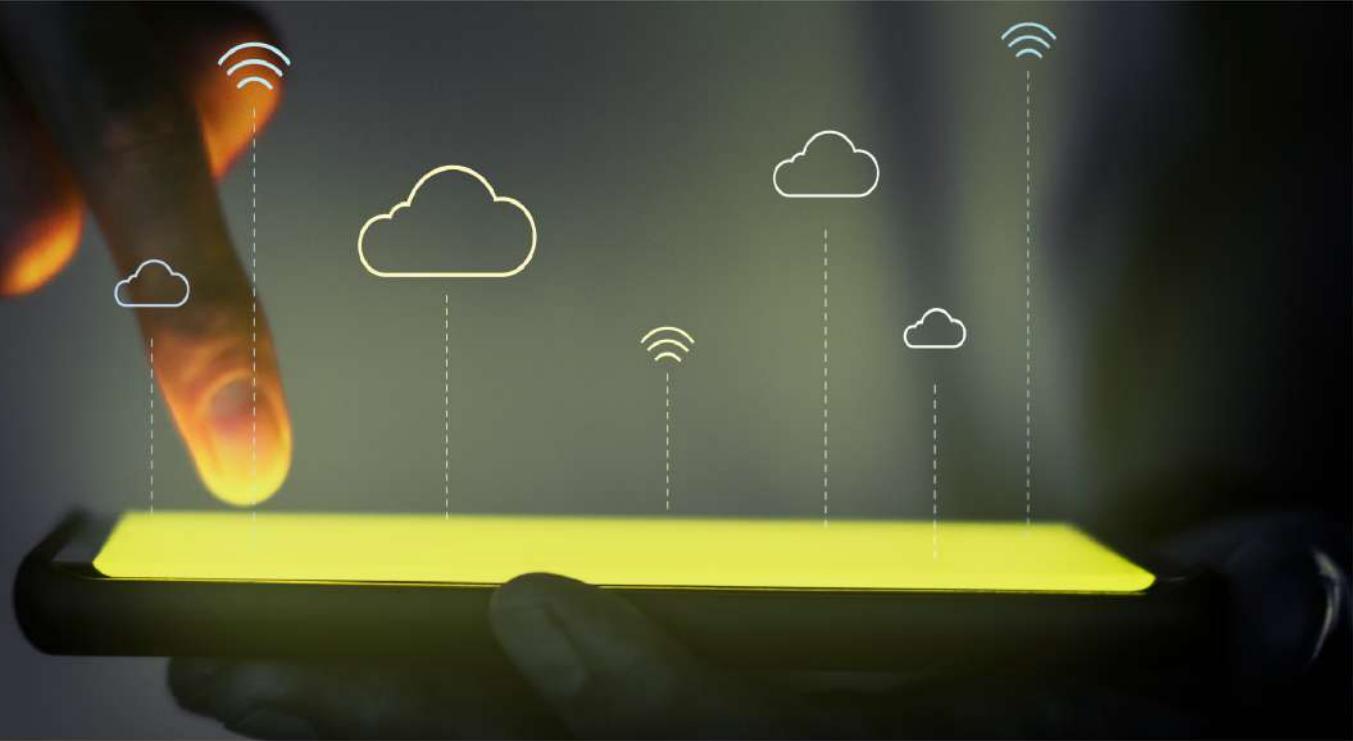




# **AWS Certified Cloud Practitioner & Solutions Architect – Associate**



## **AWS CERTIFIED CLOUD PRACTITIONER**

The AWS Certified Cloud Practitioner Certification is intended for individuals who can effectively demonstrate an overall knowledge of the AWS Cloud independent of a specific job role. You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge. You're required to write the CLF-C01 exam to be Certified with AWS Cloud Practitioner.

## **AWS CERTIFIED SOLUTIONS ARCHITECT – ASSOCIATE :**

The AWS Certified Solutions Architect - Associate (SAA-C03) Certification is intended for individuals who perform in a solutions architect role. This certification validates a candidate's ability to use AWS technologies to design solutions based on the AWS Well-Architected Framework. Required exam is SAA-C03 to get Certified in AWS Certified Solutions Architect-Associate.

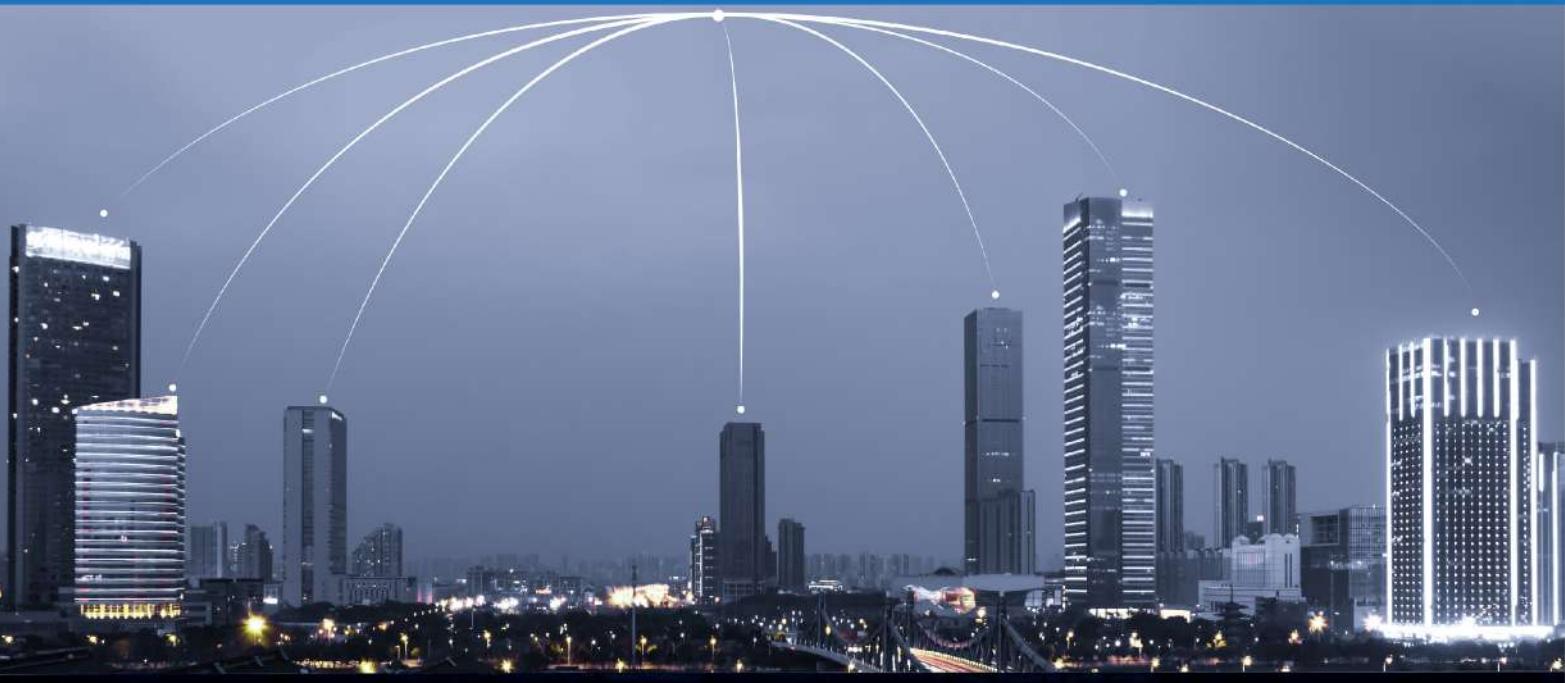
## **COURSE DETAILS AWS CLOUD PRACTITIONER TRAINING**

### **Required exam – AWS Certified Cloud Practitioner CLF-C01**

The AWS Certified Cloud Practitioner examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the Amazon Web Services (AWS) Cloud, regardless of their role or title.

No technical IT experience is required for this exam, but some general IT knowledge would certainly be beneficial.

## TARGET AUDIENCE



- ▶ IT Engineers attempting the (CLF-C01) AWS Certified Cloud Practitioner exam.
- ▶ This certification is intended for people beginning to work with cloud-based solutions and services.
- ▶ Candidates who are looking to validate their foundational level knowledge of the cloud.
- ▶ Individuals involved in selling or purchasing cloud-based solutions and services.
- ▶ Business managers, program managers and technical sales, with a general IT background.

**This AWS Certified Cloud Practitioner training covers the CLF-C01 exam objectives, and topics such as:**

Domain	% of Exam
Domain 1: Cloud Concepts	26%
Domain 2: Security and Compliance	25%
Domain 3: Technology	33%
Domain 4: Billing and Pricing	16%

## Domain 1: Cloud Concepts

- 1.1 Define the AWS Cloud and its value proposition
- 1.2 Identify aspects of AWS Cloud economics
- 1.3 Explain the different cloud architecture design principles

## Domain 2: Security and Compliance

- 2.1 Define the AWS shared responsibility model
- 2.2 Define AWS Cloud security and compliance concepts
- 2.3 Identify AWS access management capabilities
- 2.4 Identify resources for security support

## Domain 3: Technology

- 3.1 Define methods of deploying and operating in the AWS Cloud
- 3.2 Define the AWS global infrastructure
- 3.3 Identify the core AWS services
- 3.4 Identify resources for technology support

## Domain 4: Billing and Pricing

- 4.1 Compare and contrast the various pricing models for AWS (for example, On-Demand Instances, Reserved Instances, and Spot Instance pricing)
- 4.2 Recognize the various account structures in relation to AWS billing and pricing
- 4.3 Identify resources available for billing support

# COURSE DETAILS

## AWS CERTIFIED SOLUTION ARCHITECT-ASSOCIATE TRAINING

### Required exam – AWS Certified Solution Architect-Associate – SAA-C02

It validates an examinee's ability to: Define a solution using architectural design principles based on customer requirements. Provide implementation guidance based on best practices to an organization throughout the lifecycle of a project. The examination is scored against a minimum standard established by AWS professionals who are guided by certification industry best practices and guidelines.

### PREREQUISITES

There are no pre-requisites for AWS Certified Solutions Architect – Associate training sessions as such. But recommends the candidates to grasp basic knowledge through IP Rulers course – "AWS Cloud Practitioner" or candidate with minimum 6months of hands-on experience administering AWS.

### TARGET AUDIENCE



- ▶ IT Engineers who aims to become AWS administrators.
- ▶ Candidates preparing for AWS's: SAA-C02 exam.
- ▶ IT professionals who works for organizations that are planning to locate some or all of their infrastructure services on AWS
- ▶ Also intended for people who works with cloud-based solutions and services.
- ▶ Candidates who are looking to validate their knowledge level in cloud Administration.
- ▶ Individuals involved in selling or purchasing cloud-based solutions and services.
- ▶ IT managers, Program managers, IT Administrator or System Administrators, who likes to enhance their knowledge in Cloud Technology.



Domain	% of Exam
Domain 1: Design Resilient Architectures	30%
Domain 2: Design High-Performing Architectures	26%
Domain 3: Design Secure Architectures	24%
Domain 4: Design cost-Optimized Architectures	20%

## 1.0 Design Resilient Architectures

- 1.1 Design a multi-tier architecture solution
- 1.2 Design highly available and/or fault-tolerant architectures
- 1.3 Design decoupling mechanisms using AWS services
- 1.4 Choose appropriate resilient storage

## 2.0 Design High-Performing Architectures

- 2.1 Identify elastic and scalable compute solutions for a workload
- 2.2 Select high-performing and scalable storage solutions for a workload
- 2.3 Select high-performing networking solutions for a workload
- 2.4 Choose high-performing database solutions for a workload

## 3.0 Design Secure Applications and Architectures

- 3.1 Design secure access to AWS resources
- 3.2 Design secure application tiers
- 3.3 Select appropriate data security options

## 4.0 Design Cost-Optimized Architectures

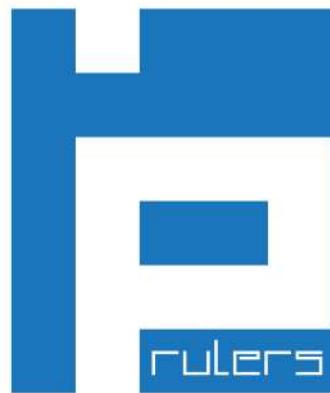
- 4.1 Identify cost-effective storage solutions
- 4.2 Identify cost-effective compute and database services
- 4.3 Design cost-optimized network architectures

## TRAINER'S PROFILE

- ▶ IP Rulers is managed by an expert team of trainers with over 15 years' experience in the industry and in hands-on training.
- ▶ All the trainers have multiple CCIEs in their respective areas of interest.
- ▶ Individual trainers' profiles can be provided upon request by email, along with demos and LinkedIn profiles.
- ▶ Online and classroom demos are also available upon request

## BENEFITS

- ▶ Expertise skills in cloud computing concepts in the fast changing world of technology cloud computing concepts
- ▶ Ability to recognize customer requirements and implement proposed solutions of Cloud.
- ▶ Enhanced job opportunities related with core services available with AWS
- ▶ You will be able to demonstrate a strong knowledge of cloud concepts, as well as AWS services, workloads, security, privacy, pricing, and support.
- ▶ Training will give the IT professionals a deep understanding of AWS cloud services and how to make the most of them
- ▶ Also appropriate for technical students who need to explore and create services in the AWS portal.
- ▶ Great target for new or aspiring Azure administrators to be mastery of AWS cloud products.
- ▶ AWS Administrator Associate training is considered professional-level AWS training, which means it was designed for AWS administrators.



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