

AWS – Solution Architect (Professional) Training Certification



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About the Program

The AWS Certified Solutions Architect - Professional (SAP-C01) examination is intended for individuals who perform a solutions architect professional role. This exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform.







The AWS Solution Architect Professional training is considered one of the complex examinations in today's industry. For clearing and mastering this field, apprentices must master an abundance of technical knowledge, including many topics describing best architecture practices with AWS. Wissenhive's designed this course to help learners building and acquiring the understanding and knowledge required to clear the exam.

Wissenhive's AWS Solution Architect Professional will allow individuals to enhance their skills and gain advanced knowledge in designing principles, like strategies to consolidate billing. Gain in-depth knowledge about AWS cross-account access and numerous connectivity procedure to Amazon web services. In this course, students learn about the detailed concept of AWS solutions, which includes:

- Identity Permissions and Management
- Directory Services and Federation of AWS
- Hybrid Connectivity and Advanced Amazon VPC
- Compute, Load Balancing, Auto Scaling
- AWS Storage Services, AWS Database Services, Analytics Services, and Migration & Transfer Service
- DNS, Caching, and Performance Optimization
- Docker Containers and PaaS
- Deployment and Management
- Monitoring, Logging, and Auditing



Key Training Features

-  Lifetime Training Access
-  Study Guides
-  Assessments
-  On Demand Doubt Clearance Session
-  24/7 support
-  Flexible Scheduling

Target Audience

The AWS Solution Architect Professional is ideal for IT professionals who are already working or want to make a career as a senior or professional in

- Operational Support Engineer
- Cloud Software Engineer
- System Integrator — Cloud
- Cloud Developer
- AWS Solutions Architect
- AWS SysOps Administrator
- Senior AWS Cloud Architect



[Pre- Requisites](#)

There are prerequisites for the AWS Solution Architect Professional, but Wissenhive recommends at least having one of the following:

- Certified AWS Solutions Architect Associate
- Developer Associate Certifications
- SysOps Administrator Associate Certifications

OR

- Working experience with AWS platform services

[About AWS- Solution Architect –\(SAP-C01\) Exam](#)

Exam Content

- Format: 75 questions; either multiple choice or multiple response
- Delivery Method: Testing center or online proctored exam
- Time: 180 minutes to complete the exam



Response Types

There are two types of questions on the examination:

- Multiple choice: Has one correct response and three incorrect responses (distractors).
- Multiple responses: Has two correct responses out of five response options.
Select one or more responses that best complete the statement or answer the question. Distractors, or incorrect answers, are response options that an examinee with incomplete knowledge or skill would likely choose. However, they are generally plausible responses that fit in the content area defined by the test objective. Unanswered questions are scored as incorrect; there is no penalty for guessing.

Unscored Content Your examination may include unscored items that are placed on the test to gather statistical information. These items are not identified on the form and do not affect your score.



AWS – Certification Path

Professional

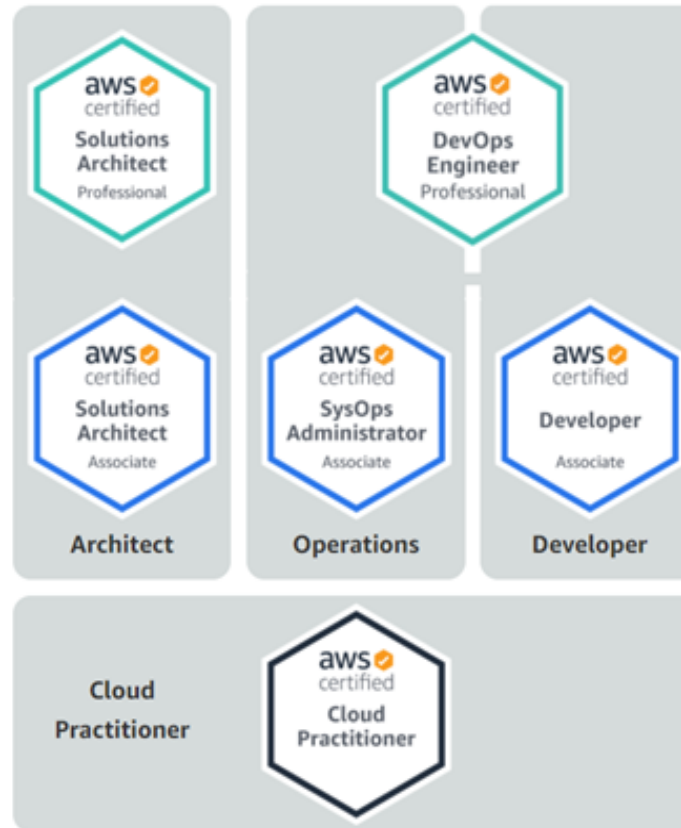
Two years of comprehensive experience designing, operating, and troubleshooting solutions using the AWS Cloud

Associate

One year of experience solving problems and implementing solutions using the AWS Cloud

Foundational

Six months of fundamental AWS Cloud and industry knowledge



Specialty

Technical AWS Cloud experience in the Specialty domain as specified in the exam guide



Course Curriculum

Module 01 - Design Highly Available, Fault-tolerant, Scalable, and Cost-efficient Systems

- Designing services in the cloud
- Designing and planning
- Logging and monitoring
- Architectures of hybrid IT
- Designing the storage of the hybrid structure

Module 02 - Identity and Access Management

- IAM and its policies
- IAM users
- Groups and roles of IAM
- Configuring access to IAM

Module 03 - Amazon Virtual Private Cloud

- Virtual Private Cloud (VPC) of Amazon
- Networking
- Subnets
- Using network ACLs and security groups
- Designing a customized VPC



Course Curriculum

Module 04 - Elastic Compute Cloud

- Cloud Computing
- Amazon EC2
- Amazon Machine Images (AMI)
- Launching and connecting to instances of EC2 Linux and EC2 Windows
- Creating an AMI
- Instance types in EC2
- Amazon EBS
- Pricing of EC2
- Elastic Load Balancing (ELB)
- Services of AWS
- Autoscaling
- AWS Lambda
- Elastic Container Service in Amazon
- Configuring ELB

Module 05 - Amazon Simple Storage Service (S3)

- Buckets and S3
- Version control
- Management of the life cycle
- CDNs and CloudFront
- Encryption and security
- Snowball
- Creating an S3 bucket



Course Curriculum

Module 06 - Amazon Route 53 and Databases

- Concepts of Amazon Route 53
- Zone 0 hosted by Amazon Route 53
- Overview of databases
- Relational Database Service (RDS) of Amazon
- AMI databases
- Amazon DynamoDB, Redshift, Aurora, and ElastiCache
- Database Migration Services (DMS) of AWS

Module 07 - Application Services

- AWS and its application services
- Amazon workspaces
- Elastic Transcoder
- Amazon SNS

Module 08 - Cloud Deployment Security Practices

- AWS responsibilities
- Design patterns
- Security attributes
- CloudFormation and CloudWatch

Module 09 - Disaster Recovery and Troubleshooting

- Products and overview of disaster recovery
- Troubleshooting and support



[Contact us](#)

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If you have any further questions or would like to chat with us, give us a call

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