

AWS Dual Certification Combo

Course syllabus · Live online · Foundational + Associate

Two certifications in one program: AWS Cloud Practitioner (Foundational) plus Solutions Architect (Associate).

Live training	90 hours in total
Weekday batch	9 weeks · Monday to Friday, 2 hours per day (10 hours a week)
Weekend batch	12 weeks · Saturday and Sunday, 4 hours each day (8 hours a week)
Self-practice	about 60 hours in total (labs, assignments, revision)
Total effort	about 150 hours including self-practice
Mode	Live instructor-led online sessions · session recordings after each class · small batches
Trainer	Ameya Vaidya
Batch start	Shared by our counselor
Batch timings	Weekday / weekend options, shared by our counselor
Course fee	Shared by our counselor (varies with current offers)

Who is this for?

Beginners who want the complete path, from cloud fundamentals to solution architecture, in one program.

Prerequisites

None. We start from the fundamentals.

What you will learn

- Everything in AWS Cloud Practitioner
- Everything in AWS Solutions Architect – Associate
- Exam readiness for both certifications

Tools and technologies

EC2 · S3 · VPC · IAM · RDS · DynamoDB · Lambda · CloudWatch · CloudFormation

Detailed syllabus

Includes hands-on labs such as launching a basic EC2 + S3 integration, plus certification exam readiness for each exam.

#	Module	Hours	Topics	Hands-on
1	Part 1 · Cloud Concepts Overview	2	• Introduction to Cloud Computing • Advantages of Cloud • Introduction to AWS • AWS Cloud Adoption Framework (AWS CAF)	Create and secure an AWS account, set a billing alarm
2	Part 1 · Cloud Economics & Billing	3	• AWS Pricing Fundamentals • Total Cost of Ownership (TCO) • Billing & Cost Management • AWS Technical Support Plans	Explore Cost Explorer, Budgets and the Pricing Calculator
3	Part 1 · AWS Global Infrastructure	2	• AWS Global Infrastructure Overview • Regions, Availability Zones and edge locations • AWS Services & Categories	Tour the console across regions

#	Module	Hours	Topics	Hands-on
4	Part 1 · AWS Cloud Security	3	• Shared Responsibility Model • AWS Identity & Access Management (IAM) • Securing AWS Accounts • Data Protection & Compliance	Create IAM users, groups, roles and enable MFA
5	Part 1 · Networking & Content Delivery	3	• Networking Basics • Amazon VPC • VPC Security • Amazon Route 53 • Amazon CloudFront	Build a custom VPC with public and private subnets
6	Part 1 · Compute Services	3	• Amazon EC2 • EC2 Cost Optimization • AWS Lambda • Elastic Beanstalk • Container Services	Launch an EC2 web server and a Lambda function
7	Part 1 · Storage Services	3	• Amazon EBS • Amazon S3 • Amazon EFS • Amazon S3 Glacier	Host a static website on S3
8	Part 1 · Databases	2	• Amazon RDS • Amazon DynamoDB • Amazon Redshift • Amazon Aurora	Launch an RDS database and a DynamoDB table
9	Part 1 · Cloud Architecture	2	• AWS Well-Architected Framework • Reliability & Availability • AWS Trusted Advisor	-
10	Part 1 · Monitoring & Scaling	3	• Elastic Load Balancing • Amazon CloudWatch • EC2 Auto Scaling	Build a load-balanced, auto-scaling web tier
11	Part 1 · Exam Preparation	4	• Exam format and question strategy • Domain-wise revision • Two full-length mock tests with review • Exam-day guidance	Mock tests
12	Part 2 · Architecting Fundamentals	3	• Business requests and requirements • AWS services and infrastructure • AWS Well-Architected Framework • Presenting solutions	Review a sample architecture
13	Part 2 · Account Security	4	• Principals and identities • Security policies • Managing multiple accounts (AWS Organizations)	Write IAM policies, set up Organizations and SCPs
14	Part 2 · Networking 1	6	• IP addressing and CIDR • Virtual Private Cloud (VPC) fundamentals • VPC traffic security: security groups and NACLs	Design a multi-tier VPC
15	Part 2 · Compute	6	• Compute services overview • Amazon EC2 instances, instance storage, pricing options • AWS Lambda	Launch and right-size EC2, deploy Lambda
16	Part 2 · Storage	5	• Storage services • Amazon S3: classes, versioning, lifecycle, replication • Shared file systems (EFS/FSx) • Data migration tools	S3 lifecycle and replication lab
17	Part 2 · Database Services	5	• Database services overview • Amazon RDS and Aurora • Amazon DynamoDB • Database caching • Database migration tools	Multi-AZ RDS and DynamoDB lab

#	Module	Hours	Topics	Hands-on
18	Part 2 · Monitoring and Scaling	5	- Monitoring, alarms and events - Load balancing - Auto scaling	Auto-scaled web tier behind an ALB
19	Part 2 · Automation	3	- AWS CloudFormation - Infrastructure management	Deploy a stack with CloudFormation
20	Part 2 · Containers	3	- Microservices - Containers - Container services (ECS/EKS/Fargate)	Run a container on ECS Fargate
21	Part 2 · Networking 2	4	- VPC endpoints - VPC peering - Hybrid networking (VPN, Direct Connect) - AWS Transit Gateway	Peer two VPCs
22	Part 2 · Serverless	6	- What is serverless? - Amazon API Gateway - Amazon SQS and SNS - Amazon Kinesis - AWS Step Functions	Serverless order-processing workflow
23	Part 2 · Edge Services	3	- Edge fundamentals - Amazon Route 53 - Amazon CloudFront - DDoS protection - AWS Outposts	CloudFront with S3 origin
24	Part 2 · Backup and Recovery	3	- Disaster planning - AWS Backup - Recovery strategies (backup, pilot light, warm standby, multi-site)	Backup plan and restore
25	Part 2 · Certification	4	- Certification path - How to clear the certification exam - Scenario-question practice - Full-length mock exam	Mock exam
	Total live hours	90		

Projects

- Static website on S3 + CloudFront
- Highly available three-tier web application
- Serverless order-processing system

Assessment

Quizzes, module knowledge checks and mock exams for both certifications.

Certification

Prepares you for the AWS Certified Cloud Practitioner and Solutions Architect – Associate exams.

What is included

- Live instructor-led online sessions
- Hands-on labs and assignments
- Session recordings after each class
- Doubt-solving support
- Course completion certificate
- Small interactive batches
- Unpaid internship opportunities

Our promise: we do not offer guaranteed-placement claims. We focus on building genuine skills so you are capable of clearing interviews and doing the job. Unpaid internship opportunities are available for practical exposure. Fees and batch dates vary with current offers, so please confirm them with our counselor. This syllabus is indicative and may be updated to reflect industry changes.

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