

AWS Solutions Architect – Associate

Course syllabus · Live online · Associate

Design secure, resilient, high-performing and cost-effective architectures on AWS and prepare for the Solutions Architect – Associate certification.

Live training	60 hours in total
Weekday batch	6 weeks · Monday to Friday, 2 hours per day (10 hours a week)
Weekend batch	8 weeks · Saturday and Sunday, 4 hours each day (8 hours a week)
Self-practice	about 40 hours in total (labs, assignments, revision)
Total effort	about 100 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?

Students, freshers, IT professionals and career switchers who want to design and deploy on AWS.

Prerequisites

Basic computer and networking awareness. Cloud Practitioner knowledge helps; fundamentals are covered in module 1.

What you will learn

- Translate business requirements into AWS architectures
- Secure accounts, identities and network traffic
- Design multi-tier VPC networks
- Choose the right compute, storage and database services
- Build scalable, highly available and fault-tolerant systems
- Apply serverless, container and automation patterns
- Plan backup and disaster recovery
- Approach the certification exam with confidence

Tools and technologies

EC2 · S3 · VPC · IAM · RDS · DynamoDB · Lambda · CloudFormation · API Gateway · SQS/SNS · Transit Gateway · CloudFront

Detailed syllabus

Each module works through real business requests, has you present a solution, and ends with a knowledge check.

#	Module	Hours	Topics	Hands-on
1	Architecting Fundamentals	3	• Business requests and requirements • AWS services and infrastructure • AWS Well-Architected Framework • Presenting solutions	Review a sample architecture
2	Account Security	4	• Principals and identities • Security policies • Managing multiple accounts (AWS Organizations)	Write IAM policies, set up Organizations and SCPs
3	Networking 1	6	• IP addressing and CIDR • Virtual Private Cloud (VPC) fundamentals • VPC traffic security: security groups and NACLs	Design a multi-tier VPC
4	Compute	6	• Compute services overview • Amazon EC2 instances, instance storage, pricing options • AWS Lambda	Launch and right-size EC2, deploy Lambda
5	Storage	5	• Storage services • Amazon S3: classes, versioning, lifecycle, replication • Shared file systems (EFS/FSx) • Data migration tools	S3 lifecycle and replication lab
6	Database Services	5	• Database services overview • Amazon RDS and Aurora • Amazon DynamoDB • Database caching • Database migration tools	Multi-AZ RDS and DynamoDB lab
7	Monitoring and Scaling	5	• Monitoring, alarms and events • Load balancing • Auto scaling	Auto-scaled web tier behind an ALB
8	Automation	3	• AWS CloudFormation • Infrastructure management	Deploy a stack with CloudFormation
9	Containers	3	• Microservices • Containers • Container services (ECS/EKS/Fargate)	Run a container on ECS Fargate
10	Networking 2	4	• VPC endpoints • VPC peering • Hybrid networking (VPN, Direct Connect) • AWS Transit Gateway	Peer two VPCs
11	Serverless	6	• What is serverless? • Amazon API Gateway • Amazon SQS and SNS • Amazon Kinesis • AWS Step Functions	Serverless order-processing workflow
12	Edge Services	3	• Edge fundamentals • Amazon Route 53 • Amazon CloudFront • DDoS protection • AWS Outposts	CloudFront with S3 origin
13	Backup and Recovery	3	• Disaster planning • AWS Backup • Recovery strategies (backup, pilot light, warm standby, multi-site)	Backup plan and restore
14	Certification	4	• Certification path • How to clear the certification exam • Scenario-question practice • Full-length mock exam	Mock exam
	Total live hours	60		

Projects

- Highly available three-tier web application
- Serverless order-processing system
- Disaster-recovery plan for a sample workload

Assessment

Knowledge check after every module, scenario reviews and a full-length mock exam.

Certification

Prepares you for the AWS Certified Solutions Architect – Associate exam.

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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