

*the*knowledgeacademy

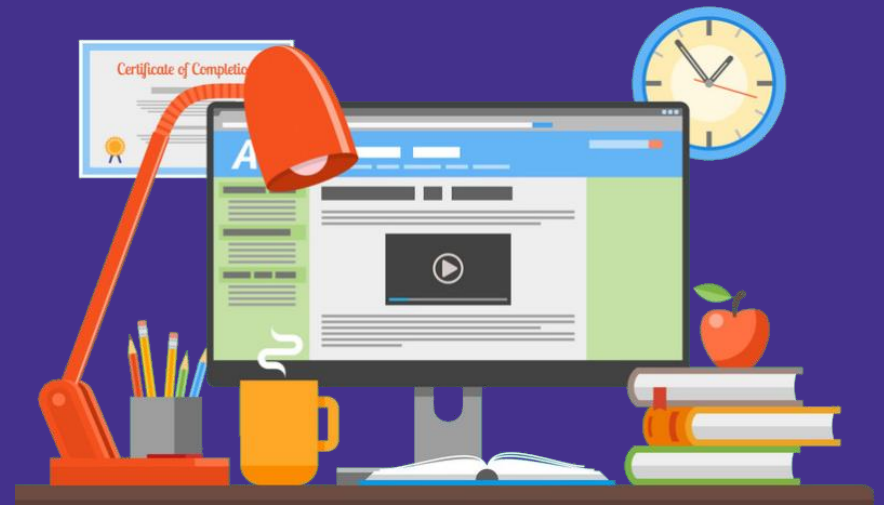
AWS Associate Solutions Architect Training

New York - San Francisco - London - Sydney - Dubai - Singapore - Vancouver - Bangalore



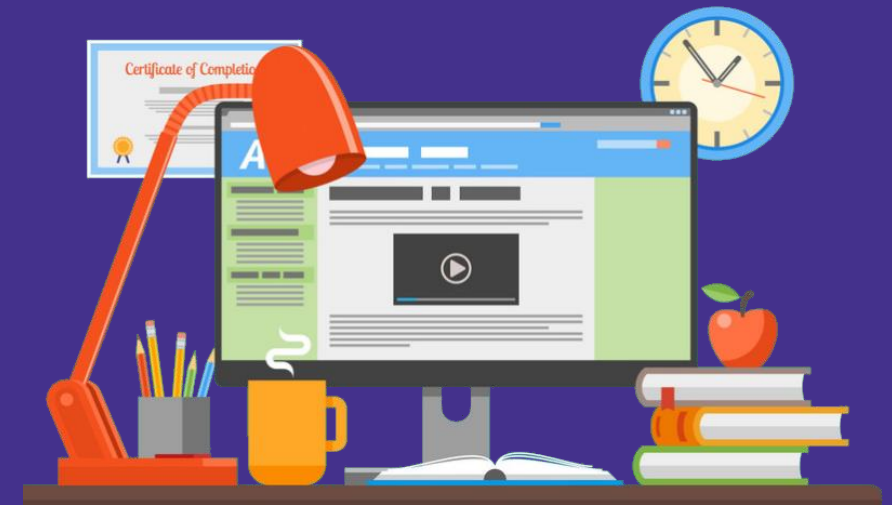
Contents

Contents	2
AWS Associate Solutions Architect Training	4
Syllabus	5
Module 1: Introduction to Cloud Computing and AWS	6
Module 2: Amazon Elastic Compute Cloud and Amazon Elastic Block Store	7
Module 3: Amazon Simple Storage Service and Amazon Glacier Storage	8
Module 4: Amazon Virtual Private Cloud	9
Module 5: Databases	10
Module 6: Authentication and Authorisation	11



Contents

Module 7: CloudTrail, CloudWatch, and AWS Config	12
Module 8: Domain Name System and Network Routing	13
Module 9: Reliability Pillar	14
Module 10: Performance Efficiency Pillar	15
Module 11: Security Pillar	16
Module 12: Cost Optimisation Pillar	17
Module 13: Operational Excellence Pillar	18
Our Delivery Methods	19
Contact us	20



AWS Associate Solutions Architect Training

- ✓ Amazon Web Service is a web-based platform that provides profitable and scalable cloud computing solutions. Solution architect helps to build, design, maintain and deploy AWS crucial infrastructure and business applications.
- ✓ This training is beneficial due to the high demand for AWS experts, demonstration of commitments, and relatively easy to earn. Acquiring the required knowledge of AWS will help learners to understand AWS networking including network address translation, VPC and EC2.
- ✓ In this AWS Associate Solutions Architecture Training, you will gain a thorough understanding of Amazon Web Services (AWS) and the various cloud services provided by Amazon.
- ✓ During this training, you will learn about Amazon's simple storage service and glacier storage. You will also learn about AWS cloud, platform architecture, virtual private cloud, Amazon redshift, and AWS config.
- ✓ After completing this training course, you will be able to plan, design, and scale AWS cloud computing services. You will also be able to pass the associate-level AWS Solutions Architect certification exam.



Syllabus

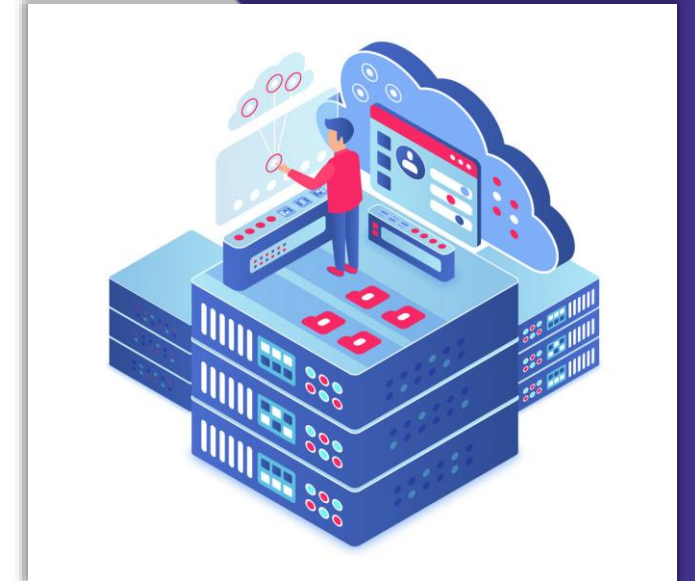
This course is split into 13 easy-to-understand modules, which will enable you to plan, design, and scale AWS cloud computing services and to pass the associate-level AWS Solutions Architect certification.

- **Module 1: Introduction to Cloud Computing and AWS**
- **Module 2: Amazon Elastic Compute Cloud and Amazon Elastic Block Store**
- **Module 3: Amazon Simple Storage Service and Amazon Glacier Storage**
- **Module 4: Amazon Virtual Private Cloud**
- **Module 5: Databases**
- **Module 6: Authentication and Authorisation**
- **Module 7: CloudTrail, CloudWatch, and AWS Config**
- **Module 8: Domain Name System and Network Routing**
- **Module 9: Reliability Pillar**
- **Module 10: Performance Efficiency Pillar**
- **Module 11: Security Pillar**
- **Module 12: Cost Optimisation Pillar**
- **Module 13: Operational Excellence Pillar**

Module 1

Introduction to Cloud Computing and AWS

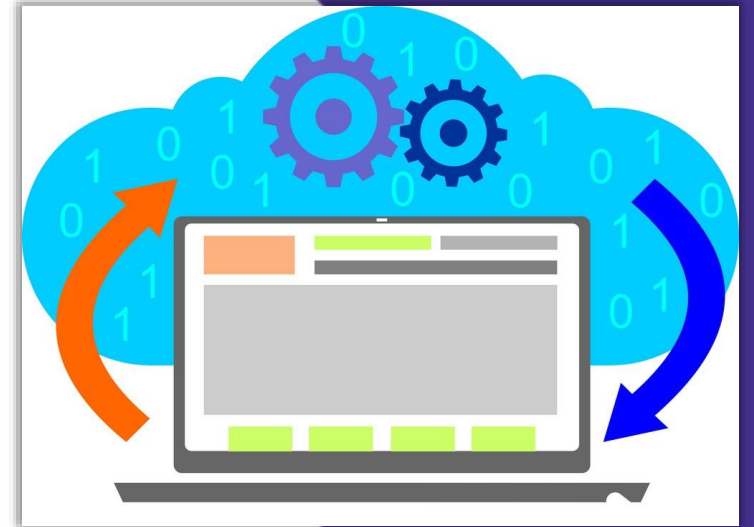
- Cloud Computing and Virtualisation
- AWS Cloud
- AWS Platform Architecture
- AWS Reliability and Compliance
- Working with AWS



Module 2

Amazon Elastic Compute Cloud and Amazon Elastic Block Store

- Introduction
- EC2
 - Instances
 - Storage Volumes
- EC2 Instance
 - Accessing
 - Securing
- Other EC2-Related Services



Module 3

Amazon Simple Storage Service and Amazon Glacier Storage

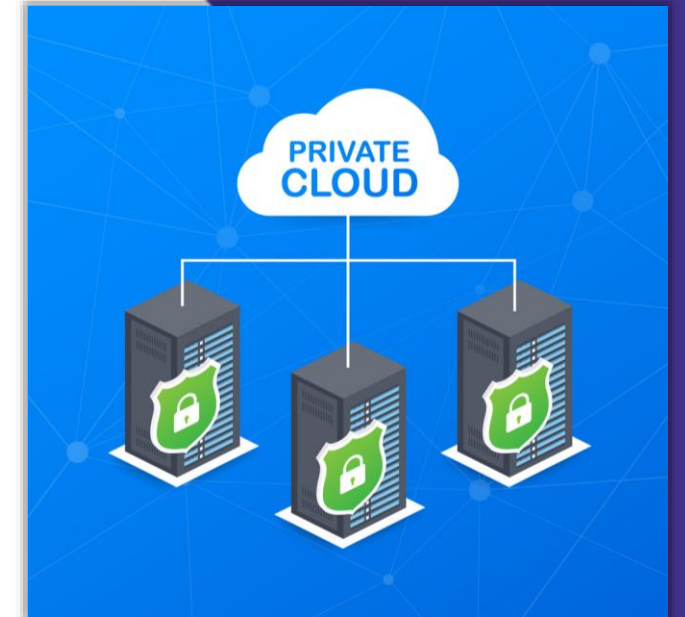
- Introduction
- S3
 - Service Architecture
 - Durability and Availability
 - Object Lifecycle
- Accessing S3 Objects
- Amazon Glacier
- Storage Pricing
- Other Storage-Related Services



Module 4

Amazon Virtual Private Cloud

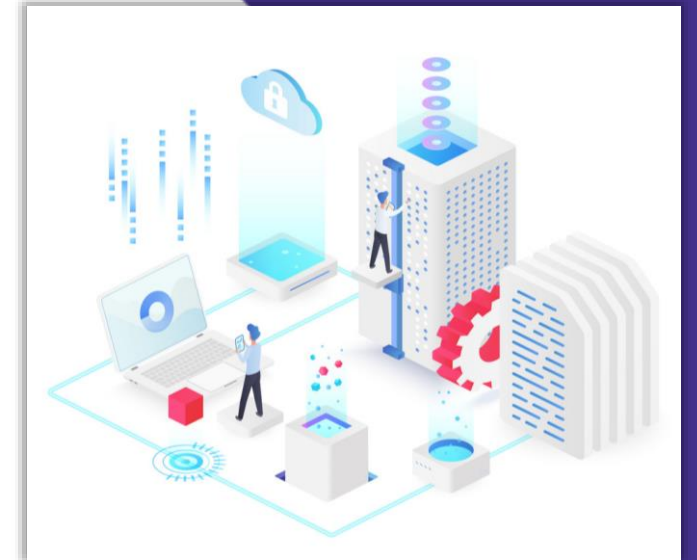
- Introduction
- VPC CIDR Blocks
- Subnets
- Elastic Network Interfaces
- Internet Gateways
- Route Tables
- Security Groups
- Network Access Control Lists
- IP Addresses
 - Public
 - Elastic
- Network Address Translation Devices
- VPC Peering



Module 5

Databases

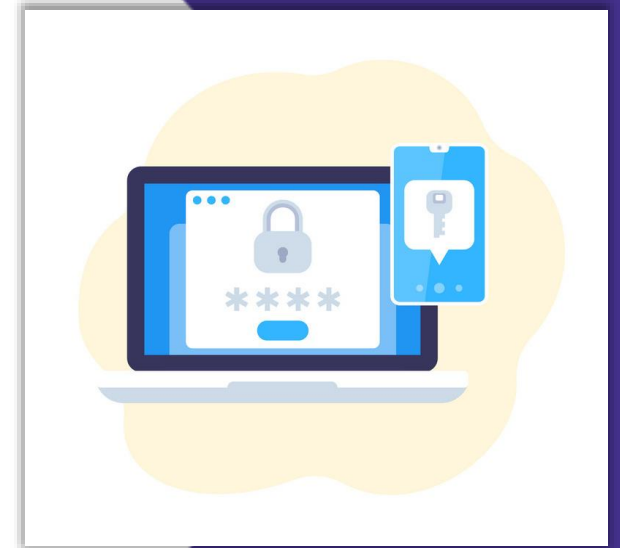
- Introduction
- Relational Databases
- Amazon Relational Database Service
- Amazon Redshift
- Nonrelational (No-SQL) Databases
- DynamoDB



Module 6

Authentication and Authorisation

- Introduction
- IAM Identities
- Authentication Tools



Module 7

CloudTrail, CloudWatch, and AWS Config

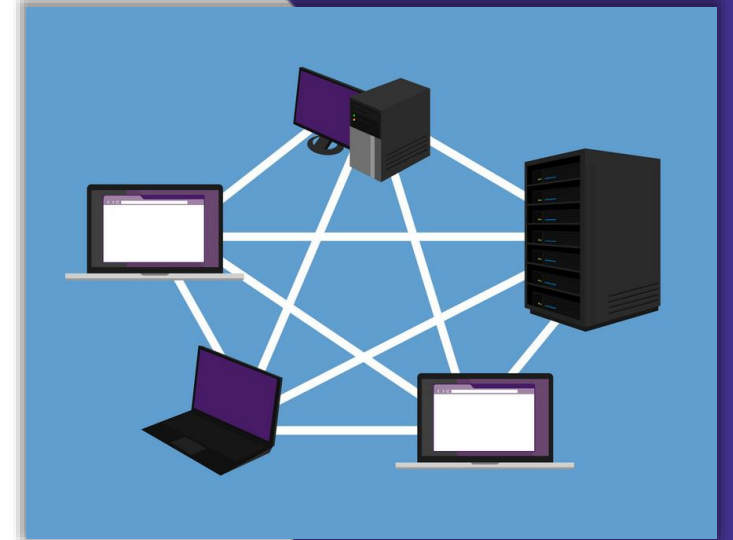
- Introduction
- CloudTrail
- CloudWatch
 - Introduction
 - Logs
 - Alarms
- AWS Config



Module 8

Domain Name System and Network Routing

- Introduction
- Domain Name System
- Amazon Route 53
- Amazon CloudFront



Module 9

Reliability Pillar

- Introduction
- Calculating Availability
- EC2 Auto Scaling
- Data Backup and Recovery
- Creating a Resilient Network
- Designing for Availability



Module 10

Performance Efficiency Pillar

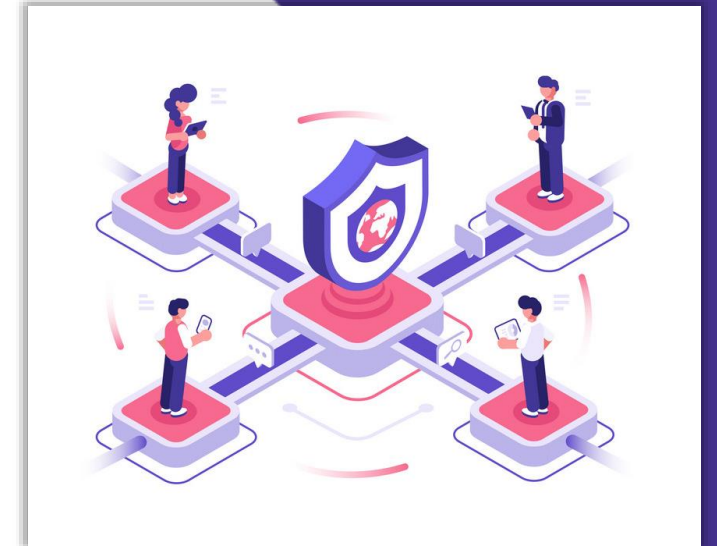
- Introduction
- Optimising Performance for the Core AWS Services
- Infrastructure Automation
- Reviewing and Optimising Infrastructure Configurations
- Optimising Data Operations



Module 11

Security Pillar

- Introduction
- Identity and Access Management
- Detective Controls
- Protecting Network Boundaries
- Data Encryption



Module 12

Cost Optimisation Pillar

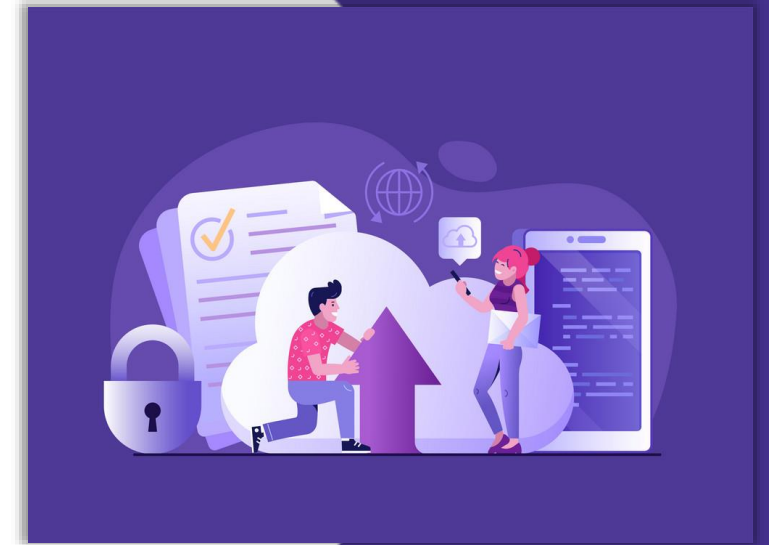
- Introduction
- Planning, Tracking, and Controlling Costs
- Cost-Optimising Compute



Module 13

Operational Excellence Pillar

- Introduction
- CloudFormation
- CodeCommit
- CodeDeploy
- CodePipeline
- AWS Systems Manager



Our Delivery Methods



POPULAR

Online Instructor-led

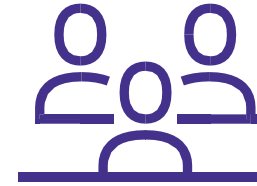
Join a scheduled class with a live instructor and other delegates. Ask questions, share documents, interact with whiteboards, ask live questions and communicate with your trainer and peers. Access the best pool of trainers, wherever you are.



POPULAR

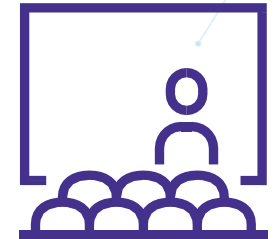
Online Self-paced

Learn at your own pace. Our expert trainers are on hand to help you with anything. All of our courses come with a standard 90 days access which can be upgraded if need be.. Our e-learning platform is available on all devices.



In-house

Our courses can be adapted to meet your individual project or business requirements. In-house training gives your team a great opportunity to come together, bond and discuss, which may be limited in a standard classroom setting.







Classroom



Some of our courses are available in our classrooms. All of our trainers are highly qualified, having 10+ years of experience. We use the highest quality learning facilities to make sure your experience is as comfortable as possible.



Contact Us


Europe



 +44 1344 203 999 

 +49 8000101090 



 +353 12338944 



 +31 208081674 

 +41 315281584 



 +32 35001305 



North America

 +1 7204454674 


 +1 6474932992 



Oceania



 +61 272026926 


 +64 98874342 

Asia

 +91 181 5047001

 +971 80003111293 

 +852 2592 5349 

 +65 6929 8747 