

Training Partner

Training partner of the year 2019

AMERICAS

Architecting on AWS

Code:	AWS-ARCH
Length:	3 days
URL:	View Online

Prerequisite Courses

Essentials for Getting Started - AWS Technical Essentials

[View Details](#)

Architecting on AWS covers the fundamentals of building IT infrastructure on AWS. The course is designed to teach solutions architects how to optimize the use of the AWS Cloud by understanding AWS services and how these services fit into cloud-based solutions. This course emphasizes AWS cloud best practices and recommended design patterns to help students think through the process of architecting optimal IT solutions on AWS. Case studies throughout the course showcase how some AWS customers have designed their infrastructures and the strategies and services they implemented.

Skills Gained

This course teaches you how to:

- Make architectural decisions based on the AWS-recommended architectural principles and best practices.
- Leverage AWS services to make your infrastructure scalable, reliable, and highly available.
- Leverage AWS managed services to enable greater flexibility and resiliency in an infrastructure.
- Make an AWS-based infrastructure more efficient in order to increase performance and reduce costs.
- Use the Well-Architected Framework to improve architectures with AWS solutions.

Who Can Benefit

This course is intended for:

- Solutions Architects
- Solution Design Engineers

Course Details

Delivery Method

This course is delivered through a mix of:

- Instructor-led Training
- Hands-on Labs

Day 1

- The Simplest Architectures
- Adding a Compute Layer
- Adding a Database Layer
- Networking in AWS Part 1

Day 2

- Networking in AWS Part 2
- AWS Identity and Access Management (IAM)
- Elasticity, High Availability, and Monitoring
- Automation

Day 3

- Caching
- Building Decoupled Architectures
- Microservices and Serverless Architectures
- RTO/RPO and Backup Recovery Setup
- Optimizations and Review

Related Certifications

Authorized training from ExitCertified is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Architect

AWS Certified Solutions Architect - Associate

[View Certification](#)

[View All Certifications](#)

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

Architect - Advanced Architecting on AWS

[View Details](#)

Security - Security Engineering on AWS

[View Details](#)

Big Data - Big Data on AWS

[View Details](#)

Architect - Planning and Designing Databases on AWS

[View Details](#)

Architect - AWS Certification Exam Readiness Workshop: AWS Certified Solutions Architect – Associate

[View Details](#)
