

# Cloud Architect Path



## Objective

The Architect Path is intended for solutions architects, technical architects and design engineers to help build their confidence designing application and infrastructure architectures in the AWS Cloud.

Participants will gain hands-on experience building and shaping solutions for networking, storage and compute, progressively building both their depth and breadth of knowledge.

Attendees who complete this path will gain confidence architecting secure and scalable systems for both cloud-native and hybrid cloud architectures.



## Level

Experienced



## Duration

9 days

£ 3,880



### Cloud Practitioner Essentials

In this course, you'll gain an overall understanding of AWS Cloud, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS services, security, architecture, pricing, and support. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.



### Architecting on AWS

This course covers the fundamentals of building IT infrastructure on the AWS platform. Students learn how to optimize the AWS Cloud by understanding how AWS services fit into cloud-based solutions. In addition, students explore AWS Cloud best practices and design patterns for architecting optimal IT solutions on AWS, and build a variety of infrastructures in guided, hands-on activities. The course also covers how to create fledgling architectures and build them into robust and adaptive solutions.



### Exam Readiness: AWS Certified Solutions Architect – Associate

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### Exam Voucher: AWS Certified Solutions Architect – Associate



### Advanced Architecting on AWS

In this course, you will build on concepts introduced in Architecting on AWS. You will learn how to build complex solutions that incorporate data services, governance, and security on the AWS platform. You will also learn about specialized AWS services, including AWS Direct Connect and AWS Storage Gateway, that support hybrid architecture, and you will learn about best practices for building scalable, elastic, secure, and highly available applications on AWS.



### Exam Readiness: AWS Certified Solutions Architect – Professional

The exam validates advanced technical skills and experience in designing distributed applications and systems on the AWS platform. The course reviews sample exam questions in each topic area and teaches you how to interpret the concepts being tested so that you can more easily eliminate incorrect responses.



### Exam Voucher: AWS Certified Solutions Architect - Professional

# Cloud Architect Path



## Abilities Validated by the Certification

- Effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies.
- Define a solution using architectural design principles based on customer requirements.
- Provide implementation guidance based on best practices to the organization throughout the life cycle of the project.



## Abilities Validated by the Certification

- Design and deploy dynamically scalable, highly available, fault-tolerant, and reliable applications on AWS.
- Select appropriate AWS services to design and deploy an application based on given requirements.
- Migrate complex, multi-tier applications on AWS.
- Design and deploy enterprise-wide scalable operations on AWS.
- Implement cost-control strategies.