

AWS Solution Architect – Professional

COURSE OVERVIEW

AWS Solution Architect – Professional is an advanced course designed for experienced cloud architects who want to enhance their skills in designing and deploying dynamically scalable, highly available, fault-tolerant, and reliable applications on AWS. This course covers best practices for building complex solutions, including networking, security, storage, and database design, while optimizing performance and cost. Participants will learn how to migrate large-scale systems, implement enterprise governance, and design hybrid architectures.

WHO SHOULD ATTEND?

The course is intended for experienced cloud architects, solution architects, and IT professionals responsible for designing and deploying complex applications on AWS. It is suitable for those with advanced technical skills and knowledge of AWS services who wish to enhance their expertise in building scalable, secure, and cost-optimized solutions. This course is also ideal for individuals preparing for the AWS Certified Solutions Architect – Professional certification exam.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Design and deploy scalable, reliable, and highly available systems on AWS.
- Select appropriate AWS services to design and implement complex architectures.
- Migrate multi-tier applications on AWS while ensuring performance optimization and cost-efficiency.
- Implement enterprise-scale governance, security, and monitoring frameworks.
- Design hybrid architectures with on-premises and AWS components.
- Automate deployments and infrastructure management using AWS tools.
- Troubleshoot complex AWS environments and optimize workloads for performance and cost.
- Prepare for the AWS Certified Solutions Architect – Professional certification exam.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Designing scalable and reliable AWS applications.
- Building highly available and fault-tolerant systems.
- Applying best practices in networking and security.
- Optimizing storage and database solutions.
- Improving performance and reduce costs.
- Migrating large-scale systems to AWS.
- Implementing enterprise governance.
- Designing hybrid cloud architectures.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded