

Advanced Architecting on AWS

COURSE OVERVIEW

This course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support Hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS. Building on concepts introduced in Architecting on AWS, Advanced Architecting on AWS is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform and also how to build complex solutions which incorporate data services, governance, and security on AWS.

WHO SHOULD ATTEND?

The course is designed for experienced cloud architects, solution architects, and IT professionals who are responsible for designing complex, scalable, and resilient applications on the AWS platform. It is ideal for individuals with a strong understanding of AWS services and architecture principles, seeking to enhance their skills in building enterprise-level solutions. This course is also suitable for those preparing for the AWS Certified Solutions Architect – Professional certification exam.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to;

- Apply the AWS Well-Architected Framework.
- Manage multiple AWS accounts for your organization.
- Connect an on-premises datacenter to AWS cloud.
- Move large data from an on-premises datacenter to AWS.
- Design large datastores for AWS cloud.
- Understand different architectural designs for scalability.
- Protect your infrastructure from DDoS attacks.
- Secure your data on AWS with encryption.
- Enhance the performance of your solutions.
- Select the most appropriate AWS deployment mechanism.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand how to;

- Design complex, secure, scalable, and cost-effective AWS architectures.
- Implement hybrid solutions integrating on-premises and cloud environments.
- Automate deployments and monitor performance using AWS tools.
- Apply governance, compliance, and security best practices in multi-account setups.
- Prepare for the AWS Certified Solutions Architect – Professional exam.

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