

Advanced AWS Well-Architected Best Practices

COURSE OVERVIEW

This interactive course provides a deep dive into Amazon Web Services (AWS) best practices to help you perform effective and efficient AWS Well-Architected Framework Reviews. The course covers the phases of a review, including how to prepare, run, and get guidance after a review has been performed. Attendees should have familiarity with the AWS concepts, terminology, services, and tools that are covered in the intermediate, 200-level AWS Well-Architected Best Practices. This course provides an AWS Well-Architected Framework Review simulation and instructor-led group exercises and discussions regarding prioritizing and solutioning risks. The content focuses on teaching learners how to prepare proposals on high and medium risk issues using the AWS Well-Architected Tool.

WHO SHOULD ATTEND?

The course is intended for experienced cloud architects, solution architects, developers, and IT professionals responsible for designing and implementing complex, scalable, and secure applications on AWS. It is ideal for those seeking to deepen their knowledge of the AWS Framework and enhance their ability to review and optimize cloud architectures across various workloads. This course is also beneficial for individuals aiming to align their solutions with AWS best practices and improve operational excellence, security, reliability, performance efficiency, and cost optimization.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Apply the AWS Well-Architected Framework to review and optimize cloud architectures.
- Design secure, scalable, and high-performance solutions following AWS best practices.
- Identify architectural trade-offs for reliability, security, operational excellence, performance efficiency, and cost optimization.
- Implement automation strategies to enhance operational efficiency and consistency.
- Utilize tools and techniques for monitoring, auditing, and logging within AWS environments.
- Conduct Well-Architected Reviews to identify areas for improvement in existing architectures.
- Develop solutions that meet compliance and governance requirements.
- Leverage AWS services and features to enhance infrastructure resilience and cost-effectiveness.
- Prepare for Well-Architected Framework certification exams or practical assessments.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Deeper levels of AWS Well-Architected Framework.
- Best practices for cloud architecture.
- Focus on operational excellence, security, reliability.
- Optimizing performance and cost management.
- Hands-on labs and real-world scenarios.
- Guidance on improving existing AWS workloads.
- Preparing for AWS Well-Architected reviews.

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