GTC International Consulting Limited
Riverbank House
1 Putney Bridge Approach
Fulham, London, SW6 3BQ
T: +44(0)2037055710
E:enquiries@thegtcgroup.com
W: www.thegtcgroup.com

Cloud Computing Fundamentals with AWS & Azure

COURSE OVERVIEW

This foundational course provides a comprehensive introduction to the core principles, services, and deployment models of modern cloud platforms. It is designed to equip participants with an understanding of how cloud computing transforms business operations, enhances scalability, and optimizes IT infrastructure. The curriculum will explore key concepts such as virtualization, cloud service models (IaaS, PaaS, SaaS), and essential features like elasticity, availability, and cost efficiency. Participants will gain practical exposure to industry-leading platforms.

WHO SHOULD ATTEND?

This course is intended for IT professionals, system administrators, developers, and business decision-makers who aspire to gain foundational knowledge of cloud computing and its practical applications. No prior cloud experience is required, making it accessible to beginners while still offering value to experienced professionals seeking to solidify their understanding of cloud fundamentals.

COURSE OUTCOMES

Delegates will acquire the expertise to:

- Interpret the key concepts, benefits, and challenges of cloud computing.
- Differentiate between service models (IaaS, PaaS, SaaS) and deployment models (public, private, hybrid, multi-cloud).
- Navigate and utilize core AWS and Azure services such as compute, storage, networking, and identity management.
- Apply fundamental cloud security and compliance practices.
- Build and deploy simple workloads on AWS and Azure platforms.
- Evaluate cost models, billing, and resource optimization strategies in cloud environments.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- Introduction to Cloud Concepts.
- AWS Fundamentals with practical exploration of EC2, S3, IAM, VPC, and CloudWatch.
- Exploration of Azure Virtual Machines, Blob Storage, Azure Active Directory, and Monitor.
- Development of pricing models, billing dashboards and optimization strategies for cost management.
- Cloud Security & Compliance.
- Practical exercises to deploy, manage, and monitor cloud resources on AWS & Azure.

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