

Mastering Cloud Computing: Migration, Deployment, and Security in the Digital Age

26 – 30 July 2027
Amsterdam (Netherlands)

UK Training

PARTNER

A large, detailed image of chess pieces on a checkered board. In the foreground, a silver king piece stands prominently on a dark square. To its left, a silver pawn is on a light square. Further back, another silver pawn is visible. The background features concentric circles radiating from behind the king piece, creating a sense of depth and focus.

Mastering Cloud Computing: Migration, Deployment, and Security in the Digital Age

Ref: 3255060_185961 **Date:** 26 – 30 July 2027 **Location:** Amsterdam (Netherlands) **Fees:** 5900 GBP

Introduction

This course provides trainees with the essential knowledge and practical skills needed in the field of cloud computing. Participants will explore cloud service models, deployment approaches, migration planning, management tools, and foundational security concepts. By working through a hands-on case study, they will build the confidence to support—or even lead—a secure cloud transformation within their organizations.

Course Objectives

By the end of the course, participants will be able to:

- Define and distinguish between various cloud computing models and technologies.
- Plan for and support cloud migration processes.
- Identify and utilize key cloud computing tools and platforms.
- Apply fundamental information security principles in cloud environments.
- Examine a real-world cloud transformation case and identify key takeaways.

Course Outlines

Day 1: Fundamentals of Cloud Computing and Its Models

- Introduction to cloud computing
- Benefits and drivers for organizations
- Service models: IaaS, PaaS, SaaS
- Deployment models: public, private, hybrid cloud
- Overview of CompTIA Cloud+ concepts

Day 2: Cloud Migration Strategies and Requirements

- Evaluating organizational readiness for migration
- Migration phases: planning, execution, validation
- Technical and regulatory requirements
- Common challenges and mitigation strategies
- Managing change and encouraging user adoption

The graphic features the text 'UK Training' in a small, black sans-serif font above the word 'PARTNER' in a large, bold, black sans-serif font. The text is positioned over a background of concentric white circles and a chessboard pattern. In the foreground, there are three chess pieces: a gold king, a silver pawn, and a silver knight, all rendered in a realistic style with shadows.

UK Training
PARTNER

Day 3: Deployment and Management in Cloud Environments

- Overview of cloud platforms: AWS, Azure, GCP
- Tools for monitoring, automation, and orchestration
- Integration with existing IT systems
- Planning for high availability and continuity
- Data governance and compliance considerations

Day 4: Cloud Security Fundamentals

- Cloud-specific threats and risks
- Identity and Access Management IAM
- Encryption, data protection, and API security
- The shared responsibility model
- Security best practices in cloud environments

Day 5: Case Study and Comprehensive Review

- Case study: migrating a mid-sized organization to a hybrid cloud
- Planning and executing the migration process
- Managing security concerns and cost implications
- Reviewing key lessons and results
- Group discussion and scenario-based analysis
- Full course review
- Optional exam or practical application session

Why Attend This Course? Wins & Losses!

- Develop in-demand technical skills aligned with industry needs
- Gain opportunities to lead or contribute to digital transformation efforts
- Build confidence in managing secure cloud infrastructures
- Strengthen your organization's agility and innovation capacity

Conclusion

This course lays a strong foundation for professionals looking to succeed in cloud computing. With practical exercises, real-world scenarios, and interactive dialogue, participants will leave equipped with both the vision and a clear action plan to apply their new skills in the workplace—driving digital growth and transformation within their organizations.

A graphic of a chessboard with several pawns and a king piece. The text 'UK Training' is above 'PARTNER' which is in large bold letters.

UK Training
PARTNER