

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

Barcelona (Spain)

15 - 19 September 2025

UK Training

PARTNER



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

Code: IT28 From: 15 - 19 September 2025 City: Barcelona (Spain) Fees: 5100 Pound

Introduction

This course equips trainees with essential knowledge and practical skills in the field of cloud computing. Participants will learn about cloud service models, deployment strategies, migration planning, management tools, and security fundamentals. Through a practical case study, they will gain the confidence to support or lead a secure cloud transformation within their organizations.

Course Objectives

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

- Define and differentiate cloud computing models and technologies.
- Plan and support cloud migration processes.
- Identify and utilize cloud computing tools and platforms.
- Apply fundamental information security principles in cloud environments.
- Analyze a real-world cloud transformation case and extract key lessons learned.

Course Outline

Day 1 - Fundamentals of Cloud Computing and Its Models

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

Day 2 - Cloud Migration Strategies and Requirements

- Assessing organizational readiness for migration
- Migration phases: planning, execution, validation
- Regulatory and technical requirements
- Common challenges and how to address them
- Change management and user adoption

Day 3 - Deployment and Management in Cloud Environments

- Overview of cloud platforms: AWS, Azure, GCP



- Monitoring, automation, and orchestration tools
- Integration with existing systems
- Planning for high availability and business continuity
- Data governance and regulatory compliance

Day 4 - Cloud Security Fundamentals

- Cloud-related threats and risks
- Identity and Access Management IAM
- Encryption, data protection, and securing APIs
- Shared responsibility model
- Best practices for securing cloud environments

Day 5 - Case Study and Comprehensive Review

- Case study: Migrating a mid-sized organization to a hybrid cloud environment
 - Planning and executing the migration
 - Managing security and costs
 - Lessons learned and outcomes
- Group discussion and scenario analysis
- Comprehensive course review
- Optional exam or practical activity

Why attend this course? Gains & Losses!

- Develop in-demand, modern technical skills.
- Increase opportunities to lead or participate in digital transformation projects.
- Build confidence in securely managing cloud environments.
- Enhance your organization's ability to innovate and stay agile.

Conclusion

This course provides a solid foundation for any professional aiming to excel in cloud computing. Through hands-on training, a real-world case study, and interactive discussions, participants will leave with a comprehensive vision and a clear action plan to apply what they've learned in their work environments, contributing to their organizations' digital success.



Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Anney (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)
(Switzerland)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

ASIA



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut



Blackbird Training Cities

AFRICA



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients



UK Training
PARTNER



Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation


Technical Courses

Artificial Intelligence (AI)
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



BLACKBIRD
FOR TRAINING

 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

