

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

Barcelona (Spain)

27 - 31 July 2026

UK Training

PARTNER



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

Code: IT28 From: 27 - 31 July 2026 City: Barcelona (Spain) Fees: 5100 Pound

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

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.



Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



Salzburg (Austria)



Florence (Italy)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



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)
(Kuwait)



Phuket (Thailand)



Shanghai (China)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City



Seoul (South Korea)



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



MANNAI Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior,
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



Gulf Bank
Kuwait



Defence Space Administration
Nigeria



National Industries
Group (Holding),
Kuwait



Hamad Medical
Corporation,
Qatar



USAID
Pakistan



STC Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



Authority for

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



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

