

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

*Barcelona (Spain)*

*24 - 28 August 2026*

UK Training

# PARTNER



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

Code: IT28 From: 24 - 28 August 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  
Kingdom of Saudi Arabia  
KSA



Mabruk Oil Company  
Libya



Saudi Electricity  
Company,  
KSA



BADAN PENGELOLA  
KEUANGAN Haji,  
Indonesia



NATO  
Italy



ENI CORPORATE  
UNIVERSITY,  
Italy



Gulf Bank  
Kuwait



General Organization for  
Social Insurance  
KSA



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

