

Cloud solutions

*Berlin (Germany)*

*30 December 2024 - 3 January 2025*

UK Training

**PARTNER**



## Cloud solutions

Code: IT28 From: 30 December 2024 - 3 January 2025 City: Berlin (Germany) Fees: 4700 Pound

### Introduction

"Cloud solutions" refer to a range of cloud-based services and technologies that enable businesses and individuals to access and utilize computing resources and applications over the internet. These solutions leverage cloud computing, which is a model for delivering various computing services, including servers, storage, databases, networking, software, analytics, and more, over the internet.

### Course Objectives

- Understanding Cloud Concepts
- Technical Proficiency
- Security Knowledge
- Architectural Insights
- Cloud Application Development
- DevOps and CI/CD Proficiency
- Effective Resource Management
- Data Management Skills
- Exploring Advanced Cloud Services
- Migration Strategies
- Risk Assessment and Compliance
- Cost Management
- Disaster Recovery and Business Continuity
- Real-World Applications
- Hands-On Experience

### Course Outlines

#### Day 1

##### Fundamentals of Cloud Computing

- Understanding the cloud concept
- Types of cloud services IaaS, PaaS, SaaS
- Benefits and challenges of cloud solutions
- Cloud deployment models public, private, hybrid



- Key cloud providers and their offerings

## Day 2

### Cloud Infrastructure and Architecture

- Virtualization and containerization
- Network and storage in the cloud
- Security in cloud computing
- Scalability and elasticity
- Hands-on practice with cloud services

## Day 3

### Cloud Application Development

- Building and deploying cloud-native applications
- Microservices and serverless architecture
- DevOps and continuous integration/continuous deployment CI/CD
- Managing data in the cloud
- Practical exercises on app development

## Day 4

### Cloud Services and Solutions

- Databases in the cloud
- AI and machine learning services
- Internet of Things IoT in the cloud
- Cloud monitoring and management tools
- Case studies and real-world applications

## Day 5

### Cloud Migration and Best Practices

- Strategies for migrating to the cloud
- Risk assessment and compliance
- Cost management in the cloud
- Disaster recovery and business continuity
- Final project and course review.





## Blackbird Training Cities

### Europe

izmir



Podgorica (Montenegro)



Stockholm (Sweden)



Lyon (France)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Manchester (UK)



Milan (Italy)

### USA & Canada



Los Angeles (USA)



Florida (USA)



Online



Boston (USA)



Washington (USA)



Miami (USA)



New York (USA)



Toronto (Canada)



## Blackbird Training Cities

### Asia



Baku (Azerbaijan)



Maldives (Maldives)



Manila (Philippines)



Bali (Indonesia )



Bangkok (Thailand)



Beijing (China)



Moscow (Russia )  
(Malaysia)



Singapore (Singapore )



Sydney (Australia)



Tokyo (Japan)



Dubai (UAE)



Kuala Lumpur



Jakarta (Indonesia)

### Africa



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Marocco)



Nairobi (Kenya)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



## Blackbird Training Clients



UK Training  
**PARTNER**





## Blackbird Training Categories

### Management & Admin

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 Refinement

### Technical Courses

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

 [training@blackbird-training.com](mailto:training@blackbird-training.com)

 [www.blackbird-training.com](http://www.blackbird-training.com)

UK Training  
**PARTNER**

