

Cloud solutions

Sharm El-Sheikh (Egypt)

15 - 19 September 2024

UK Traininig

PARTNER



Cloud solutions

Code: IT28 From: 15 - 19 September 2024 City: Sharm El-Sheikh (Egypt) Fees: 4400 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



Zurich (Switzerland)



Stockholm (Sweden)



Lyon (France)



Copenhagen (Denmark)



Bordeaux (France)



Annecy (France)



Oslo (Norway)



Edinburgh (UK)



Glasgow (Scotland)



Malaga (Spain)



London (UK)



Istanbul (Turkey)



Amsterdam (Netherlands)
(Switzerland)



Düsseldorf (Germany)



Paris (France)



Barcelona (Spain)



Munich (Germany)



Geneva



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 (Tailand)



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



www.blackbird-training.com

UK Training

PARTNER

