

## Network Management

*Kuala Lumpur (Malaysia)*

*27 April - 1 May 2026*

UK Training

# PARTNER



## Network Management

Code: IT28 From: 27 April - 1 May 2026 City: Kuala Lumpur (Malaysia) Fees: 4900 Pound

### Introduction

Network management is a critical discipline involving the administration, operation, and maintenance of network systems to ensure optimal performance, reliability, and security. This course provides a comprehensive understanding of the principles, protocols, and tools essential for effective network management. Through an in-depth exploration of the well-known FCAPS framework Fault Management, Configuration Management, Accounting Management, Performance Management, and Security Management, participants will learn best practices in managing networks across various areas such as fault detection, configuration, performance optimization, and security.

### Course Objectives

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

- Understand the fundamental concepts and architecture of network management.
- Identify and implement the five key functional areas of network management: Fault Management, Configuration Management, Accounting Management, Performance Management, and Security Management FCAPS.
- Utilize industry-standard protocols like SNMP Simple Network Management Protocol and NetFlow for monitoring and managing networks effectively.
- Apply best practices for configuring and managing network devices such as routers, switches, and firewalls.
- Leverage tools and techniques for network performance optimization and troubleshooting.
- Understand the role of Software-Defined Networking SDN and virtualization in modern network management.

### Course Outlines

#### Day 1: Introduction to Network Management

- Overview of networking concepts and architectures.
- The OSI model and TCP/IP protocol suite.
- Introduction to Network Management Systems NMS.
- The FCAPS model: Fault Management, Configuration Management, Accounting Management, Performance Management, and Security Management.

#### Day 2: Fault and Configuration Management

- Fault Management: Detection, isolation, and resolution.
- Configuration Management: Device configuration and change management.
- Hands-on exercise: Configuring SNMP on network devices.



### Day 3: Performance and Accounting Management

- Performance Management: Monitoring and analysis techniques.
- Tools for performance measurement and optimization.
- Accounting Management: Usage monitoring and reporting.

### Day 4: Security Management and Advanced Topics

- Security Management: Threat detection and response.
- Network security protocols and best practices.
- Introduction to Software-Defined Networking SDN.
- Virtualization in network management.

### Day 5: Practical Applications and Case Studies

- Case studies on network management challenges and solutions.
- Emerging trends in network management technologies.

### Why Attend This Course: Wins & Losses!

- Gain hands-on skills and knowledge in network management.
- Learn to apply the FCAPS framework for simplified network operations.
- Master the use of cutting-edge tools and protocols like SNMP and NetFlow.
- Develop the ability to troubleshoot and optimize network performance efficiently.
- Stay ahead with insights into modern technologies like SDN and virtualization.
- Understand network management policies and how to implement managed network solutions.

### Conclusion

This course offers a unique opportunity for network professionals to enhance their skills and deepen their understanding of modern network management practices. By combining theoretical insights with practical applications, participants will be well-equipped to tackle current and future challenges in this ever-evolving field.

Whether you are looking to enhance your knowledge of managed network services, learn about network management protocols, or gain practical experience in managing network security, this course provides all the tools and knowledge you need to succeed.

Join us today and take your expertise in network management to the next level!





# 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)



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



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



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

