

SD-WAN Management ▯ Advanced

London (UK)

13 - 17 July 2026

UK Training

PARTNER



SD-WAN Management – Advanced

Code: IT28 From: 13 - 17 July 2026 City: London (UK) Fees: 5100 Pound

Introduction

Software-Defined Wide Area Network SD-WAN technology has transformed enterprise networking by enabling centralized control, enhancing performance, and reducing costs. This advanced course dives into the technical, strategic, and operational elements of SD-WAN management. It is designed for IT professionals who already have experience with WANs and want to master SD-WAN deployment, monitoring, optimization, and security.

Course Objectives

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

- Analyze and evaluate SD-WAN architectures and deployment models
- Configure advanced policies for application performance, security, and routing
- Optimize SD-WAN for high availability, scalability, and QoS
- Integrate SD-WAN with cloud services, SASE, and Zero Trust frameworks
- Implement SD-WAN monitoring, analytics, and troubleshooting methodologies

Course Outlines

Day 1: Advanced SD-WAN Architecture and Design

- Evolution of SD-WAN: From Traditional WANs to AI-Driven Networks
- Centralized Orchestration and Control: Deep Dive into Controllers and Edge Devices
- Multi-Cloud and Hybrid Integration: Architectural Considerations
- Advanced Deployment Models Hub-and-Spoke, Full Mesh, Dynamic Path Selection

Day 2: Application-Aware Routing and Policy Configuration

- Policy-Based Routing PBR: Advanced Rule Configuration
- Application Classification and Real-Time Optimization
- Dynamic Path Selection and Failover Strategies
- Segment Routing and MPLS/Internet Link Coexistence

Day 3: Security in SD-WAN Environments

- Integration with Secure Access Service Edge SASE Framework
- Next-Gen Firewall Features, IPS/IDS in SD-WAN Edge Devices
- End-to-End Encryption and Key Management
- Zero Trust Networking: Concepts and SD-WAN Implementation

Day 4: Monitoring, Analytics, and Troubleshooting

- Real-Time Monitoring and Telemetry Tools
- SD-WAN Analytics: KPIs, Anomalies, and Predictive Insights
- Troubleshooting Connectivity and Performance Issues
- Using AI and ML for Autonomous Network Optimization

Day 5: Advanced Use Cases and Future Trends

- Integration with IoT, Edge Computing, and 5G
- SD-WAN as a Service SD-WANaaS and Service Chaining
- Vendor Comparison and Open Standards MEF 3.0, ONUG, etc.
- Future Trends: AI-Driven Networking, Intent-Based Networking IBN

Why Attend this Course: Wins & Losses!

- Master the latest in SD-WAN architecture and security or risk falling behind in managing complex enterprise networks
- Learn to integrate SD-WAN with cloud and Zero Trust frameworks or struggle with inefficient, fragmented systems
- Gain expertise in monitoring and analytics or remain reactive to performance issues
- Understand advanced deployment models or face limited scalability and poor failover
- Stay ahead of future networking trends or miss critical innovation opportunities

Conclusion

This course equips participants with the technical depth and strategic insight to lead SD-WAN implementations in modern enterprises.

From advanced deployment models to future-ready integrations, attendees will leave with actionable skills to enhance security, performance, and operational agility.



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,
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
Electricity Regulation, Oman

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

