

SD-WAN Management

Lyon (France)

22 - 26 September 2025

UK Traininig

PARTNER



SD-WAN Management

Code: IT28 From: 22 - 26 September 2025 City: Lyon (France) Fees: 4900 Pound

Introduction

Welcome to the SD-WAN Management Course, designed to equip participants with advanced knowledge and practical skills to navigate the transformative world of Software-Defined Wide Area Networks SD-WAN. As organizations increasingly adopt SD-WAN technology for its flexibility, cost efficiency, and enhanced security, mastering its deployment and management has become essential for modern network professionals.

This course provides a comprehensive exploration of what SD-WAN is, how it differs from traditional WANs, and its strategic importance in today's network management landscape. Through hands-on training and real-world case studies, participants will learn how to configure, deploy, secure, and optimize managed SD-WAN solutions effectively.

Course Objectives

By completing this course, participants will:

- Understand SD-WAN Architecture: Gain a thorough understanding of SD-WAN components and architecture, including the control, data, and management planes.
- Master Deployment and Configuration: Learn how to configure and deploy SD-WAN managed services tailored to organizational needs.
- Optimize Performance and Security: Develop skills to manage SD-WAN performance, ensuring optimal security and reliability.
- Troubleshoot SD-WAN: Acquire practical troubleshooting techniques to resolve common SD-WAN management issues efficiently.
- Leverage Automation and AI/ML: Explore how automation and AI/ML technologies can enhance SD-WAN management and improve network operations.

Course Outlines

Day 1: Introduction to SD-WAN

- What is SD-WAN?: A foundational understanding of SD-WAN technology and its impact on modern networks.
- Key differences between SD-WAN and traditional WANs.
- Benefits of SD-WAN: Flexibility, cost efficiency, and enhanced security.
- Understanding SD-WAN architecture: Control plane, data plane, and management plane.

Day 2: Deployment and Configuration of SD-WAN

- Deployment models: Hybrid, cloud-based, and branch office implementations of managed SD-WAN.



- Hands-on configuration of SD-WAN devices and platforms.
- Routing protocols and dynamic path selection in WAN management.
- Integrating SD-WAN with existing network infrastructure seamlessly.

Day 3: Performance Management in SD-WAN

- Real-time monitoring tools for proactive WAN management and monitoring.
- Optimizing WAN traffic with QoS and traffic shaping techniques.
- Managing multiple link types MPLS, broadband, LTE to ensure stability.
- Failover management and dynamic path selection for network resilience in managed SD-WAN services.

Day 4: Security and Troubleshooting in SD-WAN

- Security features of SD-WAN: Encryption, firewalls, and VPNs.
- Securing direct internet access DIA and branch connections.
- Identifying and troubleshooting common SD-WAN management issues.
- Using logs and alerts to analyze and resolve network problems effectively.

Day 5: Automation and AI in SD-WAN & Conclusion

- Leveraging automation for streamlined SD-WAN operations, including provisioning and updates.
- Exploring AI/ML applications for proactive and intelligent WAN management.
- Case studies: Real-world examples of successful SD-WAN deployment and management.
- Course wrap-up: Q&A session, review, and preparation for certification.

Why Attend This Course: Wins & Losses!

- Master Key SD-WAN Concepts: Gain a deep understanding of what SD-WAN is and its strategic importance in modern networks.
- Hands-On Training: Practical experience with SD-WAN deployment, configuration, and performance optimization.
- Enhanced Security Skills: Learn to secure networks with SD-WAN's built-in encryption and firewall capabilities.
- Future-Proof Your Career: Leverage cutting-edge tools like automation and AI/ML to enhance your SD-WAN management skills.
- Certification Readiness: Equip yourself for industry-recognized certification to advance your career in SD-WAN management.
- Managed SD-WAN Solutions Expertise: Understand managed SD-WAN services and how they contribute to the overall health of the network.

Conclusion

The SD-WAN Management Course is a comprehensive program designed to prepare professionals for the rapidly evolving demands of modern network management. By mastering the principles of SD-WAN architecture, deployment, security, and performance optimization, participants will emerge equipped to lead their organizations into the future of network management.

Whether you are looking to enhance your skills, prepare for certification, or gain hands-on experience, this course offers the knowledge and tools you need to succeed in the realm of managed SD-WAN solutions.



Join us today to become a leader in SD-WAN management, ready to tackle the challenges of tomorrow's networks!



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)



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



المؤسسة العامة للتأمينات الاجتماعية
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.



هيئة تنظيم الكهرباء - عمان
AUTHORITY FOR ELECTRICITY REGULATION, OMAN
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

UK Training

PARTNER

