

HCNP (Huawei Certified Network Professional)

Dubai (UAE)

19 - 30 October 2025

UK Training

PARTNER



HCNP (Huawei Certified Network Professional)

Code: IT28 From: 19 - 30 October 2025 City: Dubai (UAE) Fees: 7800 Pound

Introduction

As the networking industry rapidly evolves, professionals need cutting-edge skills to manage, secure, and optimize complex networks effectively. Huawei Certified Network Professional HCNP certification is a prestigious credential that empowers IT professionals with the expertise to work with Huawei network solutions, design robust architectures, and troubleshoot advanced networking systems.

This HCNP certification course is designed to provide participants with in-depth knowledge of Huawei technologies, including Huawei routers, switches, access points, firewalls, and cloud solutions. By the end of the course, participants will be well-equipped to pursue a career as a certified network engineer or a certified network analyst, capable of handling enterprise-grade networking challenges.

Whether you are looking to access Huawei router configurations, implement Huawei suite solutions, or enhance your HCNP certification exam readiness, this course delivers hands-on experience and practical insights to advance your networking career.

Course Objectives

- Gain a comprehensive understanding of Huawei networking technologies, including routers, switches, security devices, and cloud-based solutions.
- Learn network design principles and advanced architectures to build scalable, high-performance networks.
- Develop skills in configuring and troubleshooting Huawei routers and switches for optimized network performance.
- Master Huawei firewall, intrusion prevention systems IPS, and VPN technologies to enhance network security.
- Explore emerging networking trends, including cloud computing, network virtualization VXLAN, NFV, and software-defined networking SDN.
- Understand Huawei processor technologies and their role in improving Huawei network performance.
- Gain hands-on experience with Huawei satellite communication systems and access point Huawei solutions for extended connectivity.
- Prepare for the HCNP certification exam through mock tests, practice questions, and exam-taking strategies.

Course Outlines

Day 1: Introduction to Huawei Networking Technologies

- Overview of Huawei network solutions and Huawei suite products.
- Fundamentals of routing and switching technologies.
- Introduction to Huawei certification tracks and HCNP certification exam requirements.

Day 2: Network Design Principles and Architectures

- Key design considerations for enterprise and data center networks.
- Scalable network architectures and their impact on performance.
- Network virtualization and software-defined networking SDN concepts.

Day 3: Huawei Routing Technologies

- Access Huawei router configurations and management techniques.
- Routing protocols: OSPF, BGP, and MPLS.
- Advanced routing strategies for optimized traffic flow.

Day 4: Huawei Switching Technologies

- Huawei switch configuration and VLAN segmentation.
- Understanding trunking, spanning tree protocol STP, and link aggregation.
- High availability and redundancy techniques for network reliability.

Day 5: Network Security Fundamentals

- Common network security threats and risk mitigation strategies.
- Introduction to Huawei firewall, intrusion prevention systems IPS, and access control lists ACLs.
- Best practices for protecting network infrastructure from cyber threats.

Day 6: Advanced Network Security

- Advanced threat detection and prevention techniques.
- Secure access control using multi-factor authentication and encryption.
- VPN implementation for secure remote access and data integrity.

Day 7: Network Performance Optimization

- Tools for monitoring network performance and identifying bottlenecks.
- Quality of Service QoS strategies to manage network traffic efficiently.
- Techniques to enhance network reliability and resource utilization.

Day 8: Cloud Computing and Virtualization

- Introduction to Huawei cloud solutions and virtualization technologies.
- Implementing VXLAN and NFV in modern networking environments.
- Leveraging Huawei satellite and cloud-integrated networks for extended reach.

Day 9: Hands-on Lab Exercises and Case Studies

- Practical configuration exercises using Huawei simulation tools.
- Real-world case studies to reinforce network troubleshooting skills.
- Application of learned principles in diverse networking scenarios.



Day 10: Exam Preparation and Practice Tests

- Comprehensive HCNP certification exam review.
- Practice tests and mock exams to assess readiness.
- Effective strategies for passing the Huawei Certified Network Professional HCNP certification exam.

Why Attend This Course? Wins & Losses!

- Mastery in Huawei networking technologies, including routing, switching, security, and cloud-based solutions.
- Practical experience with Huawei suite products and tools.
- Ability to access Huawei router configurations, troubleshoot network issues, and optimize performance.
- Preparation for a certified network engineer or certified network analyst career.
- Confidence to pass the HCNP certification exam and advance your career in networking.

Conclusion

This HCNP certification course provides participants with advanced Huawei networking expertise, hands-on experience, and professional certification preparation. Whether you are looking to enhance your network security skills, optimize network performance, or gain proficiency in Huawei cloud solutions, this course equips you with the knowledge and skills required to succeed as a certified network engineer or certified network analyst.

By the end of this Huawei certification training, you will be fully prepared to earn the Huawei Certified Network Professional HCNP certification, positioning yourself as a leader in modern network engineering.

Enroll today and take your networking career to the next level with Huawei!



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)
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



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



www.blackbird-training.com

