Advanced Network Security

Category: Networking & Security | **Vendor:** HPE Aruba Networking

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: Certified Network Security Expert

Course Overview

This course helps you prepare for HPE Aruba Networking Certified Network Security Expert certification exams. The training offers advanced ways of using HPE Aruba Networking solutions to enforce Zero Trust Security. With a heavy emphasis on scenario-based lab activities, the course covers topics such as designing and implementing role-based access controls, integrating HPE Aruba Networking solutions with third-party products, and detecting and mitigating threats. Additionally, you will learn to integrate HPE Aruba Networking's SASE solutions.

About This Course

- Introduction to the Scenario
- Harden Devices
- Deploy Certificates
- Implement Certificate-Based Authentication and Access Control
- Enhance Certificate-Based Authentication and Access Control
- Implement Best Practices for RADIUS and 802.1X
- Integrate with Cloud Mobility Device Management (MDM)
- Implement Compliance-Based Controls
- Implement Device-Based Authentication and Access Control
- Use Custom NAE Scripts and Agents
- Securing an AOS-10 Architecture
- Investigating Threats and Vulnerabilities
- Integrate HPE Aruba Networking SASE Solutions
- Mock Exam

Who Should Attend

A senior network engineer responsible for implementing and troubleshooting security controls on enterprise networks. Candidate can discuss the network security stack in depth with customers (firewall, proxy, remote access, IDS/IPS, access control, NTA, UEBA).

Prerequisites & Entry Requirements

General Prerequisites:

Aruba recommends that the candidate has attended the Implementing Network Security (IANS) course prior to attending this expert level course. Or have equivalent experience and knowledge of advanced network security technologies.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After you successfully complete this course, expect to be able to:

- Design and implement certificate-based authentication, role-based access controls, and Dynamic Segmentation for a variety of customer requirements, including specialized ones
- Deploy a comprehensive solution that fits customers’ specific network security needs
- Use HPE Aruba Networking solutions and integrate HPE Aruba Networking SASE solutions to protect customers against threats all the way to the edge

Detailed Course Outline

- Introduction to the Scenario
- Harden Devices
- Deploy Certificates
- Implement Certificate-Based Authentication and Access Control
- Enhance Certificate-Based Authentication and Access Control
- Implement Best Practices for RADIUS and 802.1X
- Integrate with Cloud Mobility Device Management (MDM)
- Implement Compliance-Based Controls
- Implement Device-Based Authentication and Access Control
- Use Custom NAE Scripts and Agents
- Securing an AOS-10 Architecture
- Investigating Threats and Vulnerabilities
- Integrate HPE Aruba Networking SASE Solutions
- Mock Exam

Skills You Will Learn:

After you successfully complete this course, expect to be able to:

- Design and implement certificate-based authentication, role-based access controls, and Dynamic Segmentation for a variety of customer requirements, including specialized ones
- Deploy a comprehensive solution that fits customers’ specific network security needs
- Use HPE Aruba Networking solutions and integrate HPE Aruba Networking SASE solutions to protect customers against threats all the way to the edge

Frequently Asked Questions

Q: What delivery options are available for Advanced Network Security?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Advanced Network Security course helps prepare you for the Certified Network Security Expert certification path.

Q: How many CPD hours does this course provide?

The 5-day Advanced Network Security course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Advanced Network Security training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Advanced Network Security?

Yes, we provide corporate training, dedicated training, and closed classes for Advanced Network Security. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Advanced Network Security, Aruba Security, AANSTS

Q: Why choose Nexus Human for Advanced Network Security?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Advanced Network Security training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 14/11/2026.