

## Advanced Network Security, Rev. 24.41

**Duration: 5 Days**

### Course Description:

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.

### Target Audience:

Typical candidates for this course are senior network engineers responsible for implementing and troubleshooting security controls on enterprise networks. Learners can discuss the network security stack in depth with customers (firewall, proxy, remote access, IDS/IPS, access control, NTA, UEBA).

### Course Objectives:

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

### Course Outlines:

- 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

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