

# Network Security Fundamentals, Rev. 24.41

## Course description

The HPE Aruba Networking Security Fundamentals, Rev. 24.41 course teaches you foundational security concepts and prepares you to take the exam to achieve the ACA - Network Security (ACA-NS) certification. The course describes common security threats and vulnerabilities and provides an overview of important security technologies. You will learn how to create a trusted network infrastructure with HPE Aruba Networking mobility solutions and switches. In addition to discussing device hardening, the course covers implementing security at the edge with AAA, basic roles and firewall policies, dynamic segmentation, and endpoint classification. The course will further explain basic threat detection technologies and how to collect logs and alarms, and use them to initiate an investigation.

Updates to the course went live on October 15, 2024, covering an introduction to the new Secure Service Edge (SSE) technology. See [Release Notes](#) for details.

## Ideal candidate for this course

Typical candidates for this course are network or help desk engineers working in a customer or partner environment with six months to a year of experience in networking in both wired and wireless environments.

## Suggested prerequisites

It is highly recommended that candidates have a basic understanding of networking and security concepts before taking this course.

## Topics

- Security Threats and Security Strategy
- Security Technologies
- Hardening AOS-CX Switches
- Hardening AOS Devices
- Secure LAN Protocols
- Network Authentication and Encryption Technologies
- Edge Security with HPE Aruba Networking

## Objectives

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

1. Protect and Defend:

- Define security terminology
- Harden devices
- Secure a WLAN
- Secure a wired LAN
- Secure the WAN
- Secure the Service Edge
- Classify endpoints

2. Analyze:

Course ID	0001210364
Course format, Typical duration	Select one:VILT - Virtual Instructor Led, 4 days ILT - Instructor Led, 4 days
Skill level	Foundational (FND)
Delivery languages	English
Lab required	Yes
Related certifications	<ul style="list-style-type: none"> <li>• <a href="#">HPE Aruba Networking Certified Associate - Network Security</a></li> </ul>
In preparation for these exams	<p>Selected items from this course are included in these exams:</p> <ul style="list-style-type: none"> <li>• <a href="#">HPE Network Security Associate Exam</a></li> </ul>

[Register for this course.](#)

Find this course offering in the Training calendar. Click "Register" to take the course in The Learning Center. Login and Password required.

- Threat detection
- Troubleshooting
- Endpoint classification

3. Investigate:

- Forensics

## How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001210364>

## For more information

[Contact our program](#)

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