Hewlett Packard Enterprise

Network Security Fundamentals (0001210364)

H37YQS

Course ID	H37YQS
Duration	5 days
Format	ILT/VILT
Schedule, pricing & registration	View now
Browse related courses	View now

This course covers common security threats and vulnerabilities and provides an overview of important security technologies. You learn how to create a trusted network infrastructure with Aruba Networking mobility solutions and switches. In addition to discussing device hardening, this course covers implementing security at the edge with AAA, basic roles and firewall policies, dynamic segmentation, and endpoint classification. You learn about basic threat detection technologies and how to collect logs and alarms and use them to initiate an investigation. Additionally, an introduction to HPE Aruba Networking Secure Service Edge (SSE) is included in this course. This course covers foundational security concepts and prepares you to take the Aruba Networking Certified Associate – Networking Security (ACA-NS) certification exam.

5 reasons to choose HPE as your training partner

1. Learn HPE and in-demand IT industry technologies from expert instructors.
2. Build career-advancing power skills.
3. Enjoy personalized learning journeys aligned to your company's needs.
4. Choose how you learn: in person, virtually, or on demand—anytime, anywhere.
5. Sharpen your skills with access to real environments in virtual labs.

Explore our simplified purchase options, including HPE Education Learning Credits.

Audience

This course is ideal for network or help desk engineers working in a customer or partner environment who have 6-12 months of experience in networking in both wired and wireless environments.

Prerequisites

Before taking this course, you should have a basic understanding of networking and security concepts.

Course objectives

After completing this course, you should be able to:

- Protect and Defend:
  - Define security terminology
  - Harden devices
  - Secure a WLAN
  - Secure a wired LAN
  - Secure the WAN
  - Secure the Service Edge
  - Classify endpoints
- Analyze:
  - Threat detection
  - Troubleshooting
  - Endpoint classification
- Investigate:
  - Forensics

Detailed course outline

Module 1: Security Threats and Security Strategy

Module 2: Security Technologies

Module 3: Hardening AOS-CX Switches

Module 4: Hardening AOS Devices

Module 5: Secure LAN Protocols

Module 6: Network Authentication and Encryption Technologies

Module 7: Edge Security with HPE Aruba Networking

Module 8: Enforce Role-Based Authentication and Access Control

Module 9: Identify and Classify Endpoints

Module 10: HPE Aruba Networking Unified SASE

Module 11: Troubleshooting and Monitoring

Module 12: Threat Detection and Forensics

Learn more at

hpe.com/ww/learnnetworking

Follow us:



Hewlett Packard Enterprise

© Copyright 2024 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty.

Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

All third-party marks are property of their respective owners.

H37YQS A.02.24.41, November 2024