Training: Check Point
Check Point Certified Troubleshooting Administrator (CCTA)

TRANING TERMS

2025-11-06 | 2 days | Kraków / Virtual Classroom
2025-12-04 | 2 days | Warszawa / Virtual Classroom

TRAINING GOALS:

Demonstrate and apply understanding of the concepts and skills necessary to troubleshoot issues that may occur when managing the Security Management environment.

COURSE OBJECTIVES

- Identify online resources for Check Point security products and solutions.
- Demonstrate understanding of capture packet technologies.
- Demonstrate understanding of Firewall chain modules, Kernel and User Mode, and Kernel and User Space.
- Use Linux and Check Point utilities to review processes and system information.
- Troubleshoot log collection issues and interrupted communications.
- Monitor network activity and traffic flow.
- Demonstrate understanding of Check Point SmartConsole and Policy installation.
- Investigate and troubleshoot issues with Check Point SmartConsole and Policy installation.
- Demonstrate understanding of Check Point Identity Awareness.
- Investigate and troubleshoot issues with Check Point Identity Awareness.
- Demonstrate understanding of Check Point Application Control and URL Filtering.
- Investigate and troubleshoot issues with Check Point Application Control and URL Filtering.
- Demonstrate understanding of Check Point Network Address Translation.
- Investigate and troubleshoot issues with Check Point Network Address Translation.
- Demonstrate understanding of Check Point Threat Prevention.
- Investigate and troubleshoot issues with Check Point Threat Prevention.
- Demonstrate understanding of Check Point licenses and contracts.
- Investigate and troubleshoot Check Point licenses and contracts.

WHO SHOULD ATTEND?

This course is designed for security administrators and Check Point resellers who need to manage and

monitor issues that may occur within their Security Management environent.

CONSPECT:

- Introduction to Troubleshooting Fundamentals
- Fundamentals of Traffic Monitoring
- SmartConsole and Policy Management Troubleshooting
- Identity Awareness Troubleshooting
- Access Control Troubleshooting
- Troubleshooting Issues with NAT
- Understanding Threat Prevention
- License and Contract Troubleshooting
- Lab Exercises
    - Using tcpdump and Wireshark
    - Viewing Firewall Chain Modules
    - Using Basic Linux and Check Point Commands
    - Troubleshooting Logging Communication Issues
    - Analyzing Traffic Captures
    - Troubleshooting SmartConsole and Using SmartConsole Tools
    - Troubleshooting Identity Awareness
    - Troubleshooting Application Control and URL Filtering
    - Investigating Network Address Translation Issues
    - Evaluating Advanced Threat Prevention Products
    - Verifying Licenses

REQUIREMENTS:

Working knowledge of UNIX and/or Windows operating systems. Working knowledge of Networking TCP/IP. CCSA training/certification. Advanced knowledge of Check Point Security products

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Check Point Software Technologies Ltd. (course completion).

This course additionally helps prepare for CCTA exam #156-582 available at Pearson VUE test centers.

TRAINER:

Authorized Check Point Software Technologies Ltd. Trainer.