



Arrow ECS Finland Oy - Education Services

## TRAINING OFFERING

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# Check Point Certified Troubleshooting Expert (CCTE) R81.20

CODE:	LENGTH:	PRICE:
CKT_CCTE_R81.20	16 Hours (2 days)	€2,150.00

## Description

Provide advanced troubleshooting skills to investigate and resolve more complex issues that may occur while managing your Check Point Security environment

## Objectives

Introduction to Advanced Troubleshooting  
Advanced Management Server Troubleshooting  
Advanced Troubleshooting with Logs and Events  
Advanced Identity Awareness Troubleshooting  
Advanced Site-to-Site VPN Troubleshooting  
Advanced Client-to-Site VPN Troubleshooting  
Advanced Gateway Troubleshooting  
Advanced Firewall Kernel Debugging  
Advanced Access Control Troubleshooting

## Audience

This course is designed for security experts and Check Point resellers who desire to obtain the necessary knowledge required to perform more advanced troubleshooting skills while managing their security environments.

## Prerequisites

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

## Programme

- Identify and use Linux-based and Check Point commands and tools for system monitoring, file editing, and file viewing.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Management Server and API Server issues.
- Investigate and troubleshoot traffic or security-related issues using logs and events monitoring tools.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Security Gateway issues.
- Demonstrate an understanding of advanced troubleshooting tools and techniques for kernel debugging.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Access Control issues.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Identity Awareness issues.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Site-to-Site VPN Troubleshooting issues.
- Identify and use the appropriate troubleshooting and debug commands/tools to resolve advanced Client-to-Site VPN Troubleshooting issues.

### EXERCISES

- Collect and read live and historical CPView data. • Troubleshoot CPM and SmartConsole login issues.
- Restore a Management High Availability environment from a temporary Primary Down condition.
- Troubleshoot SmartLog processes. • Collect and interpret user mode debugs. • Collect and interpret kernel debugs.
- Debug Unified Policy Inspection in kernel to understand match process. • Debug the Identity Awareness user mode processes.
- Collect and interpret Site-to-Site VPN Debugs. • Collect and interpret Remote Access VPN Debugs.

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
06 Feb 2025	Virtual Classroom (CET / UTC +1)		English	Instructor Led Online		€2,150.00
06 Feb 2025	Espoo Arrow Classroom (CET / UTC +1)		English	Classroom		€2,150.00
15 May 2025	Virtual Classroom (CET / UTC +1)		English	Instructor Led Online		€2,150.00
15 May 2025	Espoo Arrow Classroom (CET / UTC +1)		English	Classroom		€2,150.00

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)