Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Check Point Certified Troubleshooting Expert (CCTE) R81.20 (includes 180 days' lab access)

CODE:

CKT_CCTE_R81.20

LENGTH:

16 Hours (2 days)

PRICE:

£1,595.00

Description

The Check Point Certified Troubleshooting Expert (CCTE) provides advanced troubleshooting skills to investigate and resolve more complex issues that may occur while managing your Check Point security environment.
Goals
Provide advanced troubleshooting skills to investigate and resolve more complex issues that may occur while managing your Check Point Security environment.

Objectives

- 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.

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

Topics

- Introduction to Advanced Troubleshooting
- Advanced Management Server Troubleshooting
- Advanced Troubleshooting with Logs and Events
- Advanced Gateway Troubleshooting
- Advanced Firewall Kernel Debugging

- Advanced Access Control Troubleshooting
- Advanced Identity Awareness Troubleshooting
- Advanced Site-to-Site VPN Troubleshooting
- Advanced Client-to-Site VPN Troubleshooting

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.

Follow on courses

Attend two Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master (CCSM).
Attend four Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master Elite (CCSM Elite).
Choose from the following Infinity Specialization courses:
• Check Point Certified Endpoint Specialist (CCES)
• Check Point Certified Troubleshooting Administrator (CCTA)
• Check Point Certified Automation Specialist (CCAS)
• Check Point Certified Cloud Specialist (CCCS)
• Check Point Certified MDSM Specialist (CCMS)
• Check Point Certified VSX Specialist (CCVS)
• Check Point Certified Troubleshooting Expert (CCTE)
• Check Point Certified Maestro Expert (CCME)

- Check Point Certified Cloud Network Security Expert for AWS (CNSE-AWS)
- Check Point Certified Cloud Network Security Expert for Azure (CNSE-AZURE)

Test and Certification

Certification Information
Prepare for exam #156.587 at
www.vue.com/checkpoint
An exam voucher can be purchased at an additional charge – please contact us for further information.
Full information on Check Point's Certification Program can be viewed at
https://www.checkpoint.com/downloads/training/check-point-certification-faq.pdf

Further Information

Please note that Check Point only offer e-kit courseware for training courses. Each delegate will be provided with an official set of e-kit courseware.

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
25 Jun 2026	Virtual Classroom	BST	English	Instructor Led Online		~~£ 1,595.00~~ £1,276.00
17 Sep 2026	Virtual Classroom	BST	English	Instructor Led Online		£1,595.00
12 Nov 2026	Virtual Classroom	GMT	English	Instructor Led Online		£1,595.00
03 Dec 2026	Virtual Classroom	GMT	English	Instructor Led Online		£1,595.00
20 May 2026	Virtual Classroom	BST	English	Instructor Led Online	Yes	~~£ 1,595.00~~ £1,196.25
20 Jul 2026	Virtual Classroom	BST	English	Instructor Led Online		£1,595.00
01 Oct 2026	Virtual Classroom	BST	English	Instructor Led Online		£1,595.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.