

Check Point Certified Troubleshooting Administrator (CCTA) R81.20 (includes 180 days' lab access)

Duration: 2 Days **Course Code: CKT_CCTA** **Delivery Method: Virtual Learning**

Overview:

The Check Point Certified Troubleshooting Administrator (CCTA) provides an understanding of the concepts and skills necessary to troubleshoot issues that may occur when managing the Check Point Security Management architecture and Security Gateways.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

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 environment.

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.

Prerequisites:

- 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.

Testing and Certification

This course prepares you for exam #156-580 at www.VUE.com/checkpoint. Exam vouchers are available at an additional cost - please ask for details. Full information on Check Point's Certification Program can be viewed at <https://www.checkpoint.com/downloads/training/check-point-certificati>

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)
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Content:

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

Additional 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.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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