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

Duration: 2 Days   Course Code: CKT_CCTA

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.

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-certification-faq.pdf

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)

Content:

Topics

- 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

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

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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