Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Check Point Certified Security Administrator (CCSA) & Troubleshooting Administrator (CCTA) Bundle

CODE:	LENGTH:	PRICE:
CKT_CPSACCTA_R81.X	40 Hours (5 days)	€3,000.00

Description

This bundle course covers the following two Check Point training courses:
Check Point Certified Security Administrator (CCSA) R81.x (3 days) And
Check Point Certified Troubleshooting Administrator (CCTA) R81.x (2 days)

Objectives

Objectives CCSA:

- Know how to perform periodic administrator tasks.
- Describe the basic functions of the Gaia operating system.
- Recognize SmartConsole features, functions, and tools.
- Understand how SmartConsole is used by administrators to give user access.
- Learn how Check Point security solutions and products work and how they protect networks.
- Understand licensing and contract requirements for Check Point security products.
- Describe the essential elements of a Security Policy.
- Understand the Check Point policy layer concept.
- Understand how to enable the Application Control and URL Filtering software.
- Blades to block access to various applications.
- Describe how to configure manual and automatic NAT.
- Identify tools designed to monitor data, determine threats and recognize opportunities for performance improvements.
- Describe different Check Point Threat Prevention solutions for network attacks.
- Articulate how the Intrusion Prevention System is configured, maintained and tuned.
- Understand the Infinity Threat Prevention system.
- Knowledge about Check Point’s IoT Protect.

Exercises CCSA:

- Configure the Security Management Server.
- Use the WebUI to run the First Time Wizard.
- Install the Smart Console.

- Install the Alpha Gateway using the network detailed in the course topology.
- Demonstrate how the Security Management Server and Gateway communicate.
- Test SIC Status.
- Create multiple administrators and apply different roles and permissions for simultaneous administration.
- Validate existing licenses for products installed on the network.
- Create and configure host, network and group objects.
- Create a simplified Security Policy.
- Demonstrate how to use Security Zones in policy.
- Demonstrate how to share a layer between Security Polices.
- Configure Network Address Translation for server and network objects.
- Enable Identity Awareness.
- Deploy user access roles for more granular control of the security Policy.
- Generate network Traffic and use traffic visibility tools to monitor the data.
- Use SmartConsole and SmartView Monitor to view status, alerts, and block suspicious traffic

Objectives CCTA:

- 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.

Exercises CCTA:

- 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

Audience

- Technical professionals who support, install deploy or administer Check Point products.
- Security administrators and Check Point resellers who need to manage and monitor issues that may occur within their Security Management environment

Follow on courses

Attend our CCSE+CCTE bundle course and pass their exams to automatically become a Check Point Certified Security Master (CCSM).
AND
Attend two more Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master Elite (CCSM Elite).

Test and Certification

This course bundle prepares you for exams #156-215.81 (CCSA) and #156-580 (CCTA) at www.VUE.com/checkpoint Note: Exam vouchers need to be purchased separately at additional cost.

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 approximately 1 week prior to the start date of the course.

Session Dates

On request. Please Contact Us

Additional Information

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