

Training: Check Point Check Point Certified Security Administrator (CCSA)



TRAINING TERMS

2021-10-04 | 3 days | Virtual Classroom
2021-10-04 | 3 days | Warszawa
2021-12-13 | 3 days | Kraków
2021-12-13 | 3 days | Virtual Classroom

TRAINING GOALS:

This 3-day course covers everything you need to start-up, configure and manage daily operations of Check Point Security Gateway and Management Software Blades systems on the GAiA operating system.

Course objectives:

- Interpret the concept of a Firewall and understand the mechanisms used for controlling network traffic.
- Describe the key elements of Check Point's unified Security Management Architecture.
- Recognise SmartConsole features, functions and tools.
- Understand Check Point deployment options.
- Describe the basic functions of Gaia.
- Describe the essential elements of a Security Policy.
- Understand how traffic inspection takes place in a unified Security Policy.
- Summarise how administration roles and permissions assist in managing policy.
- Recall how to implement backup techniques.
- Understand the Check Point policy layer concept.
- Recognise Check Point security solutions and products and how they work to protect your network.
- Understand licensing and contract requirements for Check Point security products.
- Identify tools designed to monitor data, determine threats and recognize performance improvements.
- Identify tools designed to respond quickly and efficiently to changes in gateways, tunnels, remote users, traffic flow patterns, and other activities.
- Understand Site-to-Site and Remote Access VPN deployments and communities.
- Understand how to analyse and interpret VPN traffic.

- Recognise how to define users and groups.
- Understand how to manage user access for internal and external users.
- Understand the basic concepts of ClusterXL technology and its advantages.
- Understand how to perform periodic administrator tasks as specified in administrator job descriptions.

Who should attend?

Technical professionals who support, install, deploy, or administer Check Point Software Blades.

CONSPECT:

- Introduction to Check Point Technology
- Security Policy Management
- Policy Layers
- Check Point Security Solutions and Licensing
- Traffic Visibility
- Basic Concepts of VPN
- Managing User Access
- Working with ClusterXL
- Administrator Task Implementation
- Lab Exercises
 - Working with Gaia Portal
 - Modifying an Existing Security Policy
 - Configuring Hide and Static NAT
 - Managing Administrator Access
 - Installing and Managing a Remote Security Gateway
 - Managing Backups
 - Defining Access Control Policy Layers
 - Defining and Sharing Security Policy Layers
 - Working with Licenses and Contracts
 - Working with Check Point Logs
 - Maintaining Check Point Logs
 - Configuring a Site-to-Site VPN
 - Providing User Access
 - Working with Cluster XL
 - Verifying Network Compliance
 - Working with CP View

REQUIREMENTS:

- General knowledge of TCP/IP
- Working knowledge of Windows and/or UNIX, network technology and the Internet

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Check Point Software Technologies Ltd. (course completion).

This course additionally helps prepare for CCSA exam [#156-215.80](#) available at Pearson VUE test centers.

TRAINER:

Authorized Check Point Software Technologies Ltd. Trainer.