

## Szkolenie: Check Point Check Point Certified Security Administrator (CCSA)



### DOSTĘPNE TERMINY

2024-08-27 | 3 dni | Warszawa / Wirtualna sala (Promocja)  
2024-09-16 | 3 dni | Virtual Classroom  
2024-09-16 | 3 dni | Warszawa / Wirtualna sala (Promocja, Termin gwarantowany)  
2024-10-14 | 3 dni | Kraków / Wirtualna sala (Promocja)  
2024-10-14 | 3 dni | Virtual Classroom  
2024-10-28 | 3 dni | Virtual Classroom  
2024-10-28 | 3 dni | Warszawa / Wirtualna sala (Promocja)  
2024-11-25 | 3 dni | Kraków / Wirtualna sala (Promocja)  
2024-11-25 | 3 dni | Virtual Classroom

### Cel szkolenia:

Learn basic concepts and develop skills necessary to administer IT security fundamental tasks

### COURSE OBJECTIVES

- Describe the primary components of a Check Point Three-Tier Architecture and explain how they work together in the Check Point environment.
- Explain how communication is secured and how traffic is routed in the Check Point environment.
- Describe the basic functions of the Gaia operating system.
- Identify the basic workflow to install Security Management Server and Security Gateway for a single-domain solution.
- Create SmartConsole objects that correspond to the organization's topology for use in policies and rules.
- Identify the tools available to manage Check Point licenses and contracts, including their purpose and use.
- Identify features and capabilities that enhance the configuration and management of the Security Policy.
- Explain how policy layers affect traffic inspection.
- Articulate how Network Address Translation affects traffic.
- Describe how to configure manual and automatic Network Address Translation (NAT).
- Demonstrate an understanding of Application Control & URL Filtering and Autonomous Threat Prevention capabilities and how to configure these solutions to meet an organization's security requirements.

- Articulate how pre-shared keys and certificates can be configured to authenticate with third party and externally managed VPN Gateways.
- Describe how to analyze and interpret VPN tunnel traffic.
- Configure logging parameters.
- Use predefined and custom queries to filter log results.
- Identify how to monitor the health of supported Check Point hardware using the Gaia Portal and the command line.
- Describe the different methods for backing up Check Point system information and discuss best practices and recommendations for each method.

## WHO SHOULD ATTEND?

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

## Plan szkolenia:

- Security Management
- SmartConsole
- Deployment
- Object Management
- Licenses and Contracts
- Policy Rule and Rulebase
- Policy Packages
- Policy Layers
- Traffic Inspection
- Network Address Translation
- Application Control
- URL Filtering
- Logging
- Snapshots
- Backup and Restore
- Gaia
- Permissions
- Policy Installation
- Lab Exercises
  - Deploying SmartConsole
  - Installing a Security Management Server
  - Installing a Security Gateway

- Configuring Objects in SmartConsole
- Establishing Secure Internal Communication
- Managing Administrator Access
- Managing Licenses
- Creating a Security Policy
- Configuring Order Layers
- Configuring a Shared Inline Layer
- Configuring NAT
- Integrating Security with a Unified Policy
- Elevating Security with Autonomous Threat Prevention
- Configuring a Locally Managed Site-to-Site VPN
- Elevating Traffic View
- Monitoring System States
- Maintaining the Security Environment

## Wymagania:

Working knowledge of Unix-like and Windows operating systems and TCP/IP Networking.

## Poziom trudności



## Certyfikaty:

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

This course additionally helps prepare for CCSA exam [#156-215.81](#) available at Pearson VUE test centers.

## Prowadzący:

Autoryzowany trener Check Point Software Technologies Ltd.