Szkolenie: Check Point
Check Point Certified Security Expert (CCSE)

DOSTĘPNE TERMINY

2026-11-23 | 3 dni | Kraków / Wirtualna sala *(Promocja)*
2026-12-09 | 3 dni | Virtual Classroom

Cel szkolenia:

This course provides students with the advanced knowledge, skills, and hands-on experience needed to deploy, manage, and monitor existing Quantum Security Environments. Students will learn how to deploy Management High Availability, provide advanced policy management, configure Site-to-Site VPN, provide advanced security monitoring, upgrade a Security Gateway, use Central Deployment tool to install hotfixes, perform an import of a Primary Security Management Server, and Deploy ElasticXL Cluster.

Target Audience

- Security Engineers
- Security Analysts
- Security Consultants
- Security Architects

NIST/NICE Work Role Categories

- Implementation & Operation
- Protection & Defense

Plan szkolenia:

- Module 1: Management High Availability
  - Explain the purpose of Management High Availability.
  - Identify the essential elements of Management High Availability.

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- Lab Tasks
  - Deploy and configure Management High Availability
  - Ensure the failover process functions as expected

- Module 2: Advanced Policy Management
  - Identify ways to enhance the Security Policy with more object types.
  - Create dynamic objects to make policy updatable from the Gateway.
  - Manually define NAT rules.
  - Configure Security Management behind NAT.
  - Lab Tasks
    - Use Updatable Objects
    - Configure Network Address Translation for server and network objects
    - Configure Management behind NAT for Branch Office connections

- Module 3: Site-to-Site VPN
  - Discuss site-to-site VPN basics, deployment, and communities.
  - Describe how to analyze and interpret VPN tunnel traffic.
  - Articulate how pre-shared keys and certificates can be configured to authenticate with third-party and externally managed VPN Gateways.
  - Explain Link Selection and ISP Redundancy options.
  - Explain tunnel management features.
  - Lab Task
    - Configure Site-to-Site VPN with internally managed Security Gateways

- Module 4: Advanced Security Monitoring
  - Describe the SmartEvent and Compliance Blade solutions, including their purpose and use.
  - Lab Tasks
    - Configure a SmartEvent Server to monitor relevant patterns and events
    - Demonstrate how to configure Events and Alerts in SmartEvent
    - Demonstrate how to run specific SmartEvent reports
    - Activate the Compliance Blade
    - Demonstrate Security Best Practice settings and alerts
    - Demonstrate Regulatory Requirements Compliance Scores

- Module 5: Upgrades
  - Identify supported upgrade options.
  - Lab Task
    - Upgrade a Security Gateway
    - Use Central Deployment tool to install Hotfixes

- Module 6: Advanced Upgrades and Migrations

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- Export/import a Management Database.
- Upgrade a Security Management Server by freshly deploying the new release or using a new appliance.
- Lab Task
  - Prepare to perform an Advanced Upgrade with Database Migration on the Primary Security Management Server in a distributed environment
  - Perform an import of a Primary Security Management Server in a distributed Check Point environment

- Module 7: ElasticXL Cluster
  - Describe the ElasticXL Cluster solution, including its purpose and use.
  - Lab Task
    - Deploy an ElasticXL Security Gateway Cluster

Wymagania:

Base Knowledge

- Unix-like and/or Windows OS
- Internet Fundamentals
- Networking Fundamentals
- Networking Security
- System Administration
- TCP/IP Networking
- Text Editors in Unix-like OS
- Minimum of 6-months of practical experience with the management of a Quantum Security Environment.

Check Point Courses

- Check Point Certified Security Administrator (required)
- Check Point Deployment Administrator (suggested)

Poziom trudności



Certyfikaty:

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

This course additionally helps prepare for CCSE R82 exam #156-315.82 available at Pearson VUE test centers www.vue.com/checkpoint

You will also find the **exam prep guide** here: https://www.checkpoint.com/downloads/training/CCSE-Exam-Prep-Guide.pdf , designed to help you succeed.

Prowadzący:

Authorized Check Point Software Technologies Ltd. Trainer

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