Szkolenie: Check Point
Check Point Deployment Administrator (CPDA)

Cel szkolenia:

This course provides students with the fundamental knowledge, skills, and hands-on experience needed to deploy a new Quantum Security Environment. Students learn how to install and perform basic configuration of SmartConsole, the Gaia Operating System, a Security Management Server, and a Security Gateway. Additionally, students learn how to create a basic policy, deploy a Security Gateway Cluster, configure a Dedicated Log Server, perform maintenance tasks including System Backups and Snapshots and batch import Objects and Rules.

Target Audience

- Deployment Administrators
- Security Administrators
- Security Consultants

NIST/NICE Work Role Categories

- Implementation and Operation (IO)

Plan szkolenia:

- Module 1: Introduction to Quantum Security
  - Identify the primary components of a Check Point Three-Tier Architecture and explain how they work together in the Check Point environment.
- Module 2: Quantum Security Architecture
  - Identify key considerations when planning a new Quantum Security deployment.
  - Lab Tasks
    - Verify the Check Point Hosts
    - Document the Network Environment
    - Verify the A-GUI Client Host
- Module 3: Primary Security Management Server Deployment
  - Identify the basic workflow, guidelines, and best practices for a Primary Security

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Management Server deployment.
    - Lab Tasks
        - Install the Gaia Operating System
        - Configure the Primary Security Management Server
        - Deploy SmartConsole
- Module 4: Security Gateway Deployment
    - Identify the basic workflow, guidelines, and best practices for a Security Gateway deployment.
    - Lab Tasks
        - Run the First Time Wizard on the Security Gateway
        - Create a Security Gateway Object
        - Test SIC and Install Licenses
- Module 5: Policy Fundamentals
    - Describe the essential elements of a Security Policy.
    - Identify features and capabilities that enhance the configuration and management of the Security Policy.
    - Lab Tasks
        - Create an Access Control Policy Package
        - Add and Modify a Rule in the Access Control Policy
- Module 6: Security Gateway Cluster Deployment
    - Identify the basic workflow, guidelines, and best practices for a Security Gateway Custer deployment.
    - Lab Tasks
        - Reconfigure the Security Environment
        - Configure Cluster Members as Security Gateways
        - Configure Cluster Member Interfaces
        - Add Members to the Clusters
        - Add Licenses to the Cluster Members
- Module 7: Dedicated Log Server Deployment
    - Identify the basic workflow, guidelines, and best practices for a dedicated Log Server deployment.
    - Lab Tasks
        - Configure a dedicated Log Server
        - Add a dedicated Log Server
- Module 8: Maintenance Fundamentals
    - Explain the purpose of a regular maintenance strategy.
    - Identify the basic workflow, guidelines, and best practices for Backup/Restore, Snapshot Management, Load/Save Configuration, Hardware Health Monitoring, and Software

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Updates.

- Lab Tasks
  - Collect and Download System Backups
  - Collect and Download Snapshots

- Module 9: Batch Import of Security Environment Components
  - Describe purpose of a batch import and give import use cases.
  - Identify the basic workflow, guidelines, and best practices for a batch import.
  - Lab Tasks
    - Import and Create Host Objects
    - Import and Create Network Objects
    - Import and Create Group Objects
    - Import and Create Access Control Rules

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

Check Point Courses

- No prerequisite courses

Poziom trudności



Certyfikaty:

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

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Prowadzący:

Authorized Check Point Software Technologies Ltd. Trainer

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