Training: Check Point
Check Point Threat Prevention Specialist (CTPS)

TRANING TERMS

2025-10-01 | 2 days | Kraków / Virtual Classroom
2025-10-16 | 2 days | Warszawa / Virtual Classroom
2025-10-27 | 2 days | Virtual Classroom
2025-11-20 | 2 days | Kraków / Virtual Classroom
2025-12-18 | 2 days | Warszawa / Virtual Classroom

TRAINING GOALS:

This two-day Specialist-level course is designed for security professionals who want to gain the concepts and skills necessary to deploy and manage Custom Threat Prevention within a Check Point Security environment.

COURSE OBJECTIVES

- Customize IPS Protections for specific security needs.
- Identify ways to optimize Threat Prevention performance.

WHO SHOULD ATTEND?

Security professionals who want to customize IPS and Anti-Bot/Anti-Virus Protections for specific security needs and identify ways to optimize Threat Prevention performance.

CONSPECT:

- Module 1: History of Threat Prevention
    - Lab Tasks
        - Verify the Security Environment
        - Verify Connectivity Between Systems

- Module 2: IPS Protections
    - Lab Tasks
        - Enable and Configure Custom Threat Prevention
        - Configure the Inspection Settings
        - Update IPS Protections
        - Configure General and Specific Protections

- Configure and Test Core Protections

- Module 3: Anti-Virus and Anti-Bot Protections
  - Lab Tasks
    - Enable Anti-Bot and Anti-Virus
    - Configure Anti-Bot and Anti-Virus

- Module 4: Threat Prevention Policy Profiles
  - Lab Tasks
    - Create Custom Threat Prevention Profiles
    - Configure the Custom Profiles
    - Configure Anti-Bot and Anti-Virus in the Custom Profiles

- Module 5: Threat Prevention Policy Layers
  - Lab Tasks
    - Configure Gateway Interface Settings
    - Configure Threat Prevention Policy Layers
    - Configure Threat Prevention Rules with Custom Profiles

- Module 6: Threat Prevention Logs and Traffic Analysis
  - Lab Tasks
    - Modify Threat Prevention Logs and Configure SmartEvent Settings
    - Test Threat Prevention Protections
    - View Threat Prevention Logs and Events
    - Use Web SmartConsole to View Logs and Events.

- Module 7: Threat Prevention Exceptions and Exclusions
  - Lab Tasks
    - Use IPS and Threat Prevention Exceptions
    - Create an Inspection Settings Exception
    - Create a Core Activations Exception

- Module 8: Correlated Threat Prevention Views and Reports
  - Lab Tasks
    - Verify SmartEvent Activation
    - Generate and Verify Logs for Reporting
    - Configure SmartEvent Views and Reports

- Module 9: Threat Prevention Updates
  - Lab Tasks
    - Verify Recent Updates
    - Configure Update Settings

- Module 10: Threat Prevention Performance Optimization

- Lab Tasks
  - Analyze Threat Prevention Performance
  - Create Penalty Box Exceptions and Null Profiles
  - Test the Panic Button Protocol

- Module 11: Advanced Threat Prevention Features and Troubleshooting
  - Lab Tasks
    - Add a Custom SNORT Rule
    - Create and Test a Custom Threat Indicator
    - Observe Traffic Drops in Real Time
    - Audit Configuration Changes

REQUIREMENTS:

Before taking this course, the following prerequisites are strongly encouraged:

Base knowledge of:

- Internet Fundamentals
- Networking Fundamentals
- Networking Security
- System Administration
- Check Point Training/Certification:
- Check Point Certified Security Administrator (CCSA) - required
- Check Point Certified Security Expert (CCSE) – recommended

Difficulty level

CERTIFICATE:

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

This course additionally helps prepare for Check Point Threat Prevention Specialist - R81.20 (CTPS) – Exam #156-590 available at Pearson VUE test centers.

TRAINER:

Authorized Check Point Software Technologies Ltd. Trainer