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

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

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- 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

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- 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

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