Check Point Threat Prevention Specialist (CTPS)

Course Overview

Speciality | Threat Prevention

Audience

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.

Duration

Two days

Learning Path

Training:
• CCSA (required)
• CCSE (recommended)

Prerequisites

Base Knowledge:
• Internet Fundamentals
• Networking Fundamentals
• Networking Security
• System Administration

NIST/NICE

Work Role Categories:
• Implementation & Operation
• Protection & Defense

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

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JOURNEY

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SUCCESS

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EXPERTS

CERTIFY YOUR
SKILLS

EXPAND YOUR
KNOWLEDGE

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FRAMEWORK FOR SUCCESS

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