

# Check Point Certified Endpoint Specialist (CCES) R81.20

Course code: CCESR

This two-day course for specialists provides a comprehensive knowledge of the Check Point Endpoint Security solution and its deployment in a corporate network environment. Learn the fundamental concepts and develop the skills needed to manage Harmony Endpoint Security.

## What we teach you

- Understand the emergence of increasingly more sophisticated cyberattacks and the need to protect endpoints.
- Explain the advantages of Harmony Endpoint as a security solution.
- Become familiar with the growing Endpoint Security Market.
- Describe the key elements of the Harmony Endpoint Architecture.
- Describe the Harmony Endpoint Management Environment.
- Understand Check Point's Infinity Portal.
- Explain the new Harmony Endpoint Web Management Service.
- Identify main features of the Harmony Endpoint Management console.
- Explain how to create and assign security policies for Endpoint clients using endpoint security.
- Understand deployment methods and server considerations for Endpoint Security Management installation.
- Identify the different ways to install and configure Endpoint clients.
- Understand how Endpoint Security authenticates and verifies clients connecting to the Endpoint Security Management Server.
- Describe additional server configurations that are available to help manage Endpoint clients.
- Recognize the different types of data security available to deploy on end user machines.
- Describe how Full Disk Encryption technology protects and recovers data accessed and stored on Endpoint computers.
- Understand how to secure removable media devices.
- Understand how Harmony Endpoint is defending company networks against sophisticated attacks.
- Describe Check Point Harmony Endpoint Agent.
- Explain how Harmony Endpoint Agent's advanced technologies are preventing attacks from infiltrating Endpoint machines and corporate resources.
- Become familiar with Harmony Endpoint troubleshooting methods.
- Understand how to troubleshoot and debug issues that may occur in the Endpoint Security environment.

## Required skills

Working knowledge of Windows, UNIX, networking technology, the Internet and TCP/IP security solutions.

## Course outline

Data Protection

Zero-Day Detection

Behavioral Guard

Deployment

Anti-Malware

Anti-Bot

Automatic Remediation

Threat Emulation

Threat Extraction

Forensics

Port Protection

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Cloud-Based

Threat Detection

Anti-Exploit

Anti-Ransomware

Remote Access VPN

APTs

- Activate the Harmony Endpoint manager in the Cloud.
- Configure Active Directory.
- Connect Active Directory to the Cloud management server.
- Install Initial Agent on the Domain Controller.
- Demonstrate how to deploy the Harmony Endpoint Agent on a client.
- Configure the policy operation mode.
- Create exception rules for specific removable media devices.
- Deploy and configure Anti-Bot and URL Filtering on an Endpoint client.
- Configure and deploy Full Disk Encryption on a client.
- Test Anti-Bot behavioral engine.
- Configure and deploy Media Encryption.
- Block access to certain websites for specific user groups.
- Configure and deploy Port Protection on an Endpoint client.
- Perform threat emulation and extraction of malicious content.
- Learn how to extract malicious content from a document.

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