

CP-CCES

Check Point Certified Endpoint Specialist (CCES) R81



DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
2 Days	Specialist	Check Point Security	ILT/VILT	CLCs

Introduction

This 2-day Specialist course will provide learners with an understanding of the skills necessary to effectively manage and protect your endpoint security network using the Check Point R81 Harmony Endpoint product.

Audience Profile

Technical professionals who support, install deploy or administer Check Point products.

Prerequisites

Working knowledge of Windows, UNIX, networking technology, the Internet and TCP/IP Security solutions. Check Point recommends that students who wish to expand their knowledge participate in the CCSA and CCSE courses.

Course Objectives

After completing this course, delegates will be able to:

- 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.

Modules

Topics

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| - Zero-Day Detection | - Automatic Remediation | - Data Protection |
| - Behavioural Guard | - Threat Emulation | - Threat Detection |
| - Deployment | - Threat Extraction | - Anti-Exploit |
| - Deployment | - Forensics | - Anti-Ransomware |
| - Anti-Malware | - Port Protection | - Remote Access VPN |
| - Anti-Bot | - Cloud-Based | - APTs |

Exercises

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| <ul style="list-style-type: none">- 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. | <ul style="list-style-type: none">- 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 behavioural engine. | <ul style="list-style-type: none">- 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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Associated Certifications & Exam

This course prepares delegates to write the Check Point Certified Endpoint Specialist #156-530 exam.