



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# Check Point Certified Security Expert (CCSE) R81.20

CODE:	LENGTH:	PRICE:
CKT_CCSE_R81.XX	24 Hours (3 days)	€2,995.00

## Description

Learn advanced concepts and develop skills necessary to design, deploy, and upgrade Check Point Security environments.

## Objectives

- Identify basic interfaces used to manage the Check Point environment.
- Identify the types of technologies that Check Point supports for automation.
- Explain the purpose of the Check Management High Availability (HA) deployment.
- Identify the workflow followed to deploy a Primary and solution Secondary servers.
- Explain the basic concepts of Clustering and ClusterXL, including protocols, synchronization, connection stickiness.
- Identify how to exclude services from synchronizing or delaying synchronization. • Explain the policy installation flow.
- Explain the purpose of dynamic objects, updatable objects, and network feeds.
- Understand how to manage user access for internal and external users.
- Describe the Identity Awareness components and configurations. • Describe different Check Point Threat Prevention solutions.
- Articulate how the Intrusion Prevention System is configured. • Obtain knowledge about Check Point's IoT Protect.
- Explain the purpose of Domain-based VPNs. • Describe situations where externally managed certificate authentication is used.
- Describe how client security can be provided by Remote Access. • Discuss the Mobile Access Software Blade.
- Explain how to determine if the configuration is compliant with the best practices.
- Define performance tuning solutions and basic configuration workflow.
- Identify supported upgrade and migration methods and procedures for Security Management Servers and dedicated Log and SmartEvent Servers.
- Identify supported upgrade methods and procedures for Security Gateways

## Audience

Technical Professionals who architect, upgrade, maintain, and support Check Point products

## Prerequisites

CCSA Training or Certification, fundamental Unix and Windows knowledge, certificate management experience, system administration and networking knowledge.

## Programme

- Navigating the Environment and Using the Management API • Deploying Secondary Security Management Server
- Configuring a Dedicated Log Server • Deploying SmartEvent • Configuring a High Availability Security Gateway Cluster
- Working with ClusterXL • Configuring Dynamic and Updateable Objects
- Verifying Accelerated Policy Installation and Monitoring Status • Elevating Security with HTTPS Inspection
- Deploying Identity Awareness • Customizing Threat Prevention • Configuring a Site-to-Site VPN with an Interoperable Device
- Deploying Remote Access VPN • Configuring Mobile Access VPN • Monitoring Policy Compliance
- Reporting SmartEvent Statistics • Tuning Security Gateway Performance

## Test and Certification

Prepare for exam #156-315.81.20 [VUE.com/checkpoint](https://vue.com/checkpoint)

## Session Dates

On request. Please [Contact Us](#)

## **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)