

CheckPoint Certified Security Expert (CCSE) (CCSER)

ID CCSER Price 2,240.— €(excl. VAT) Duration 3 days

This course is part of the following Certifications

Check Point Certified Security Expert (CCSE)

Prerequisites

- CCSA training/certification
- Fundamental Unix and Windows knowledge, certificate management experience, system administration and networking

Course Objectives

COURSE 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 stickyness.
- 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.

Course Content

EXERCISES

- 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

Course Topics

- Advanced Deployments
- Management High Availability
- Advanced Gateway Deployment
- Advanced Policy Configuration
- Advanced User Access Management
- Custom Threat Protection
- Advanced Site-to-Site VPN

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- Remote Access VPN
- Mobile Access VPN
- Advanced Security Monitoring
- Performance Tuning
- Advanced Security Maintenance

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Training Centres worldwide



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