

Check Point Security Expert R81.20 (CCSE)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Live Training
- **Data:** 18 Jul. 2022 a 20 Jul. 2022
- **Preço:** 2120€
- **Horário:** Laboral - das 9h00 às 17h00
- **Nível:** Avançado
- **Duração:** 21 horas

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

Advanced three-day course teaches how to build, modify, deploy and troubleshoot the R81.20 Check Point Security Systems on the GAiA operating system. Hands-on lab exercises teach how to debug firewall processes, optimize VPN performance and upgrade Management Servers.

Destinatários

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

Pré-requisitos

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

Objetivos

- 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.
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Programa

LAB EXERCISES

- Navigate the Environment and Using the Management API
- Deploy Secondary Security Management Server
- Configure a Dedicated Log Server
- Deploy SmartEvent
- Configure a High Availability Security Gateway Cluster
- Work with ClusterXL
- Configure Dynamic and Updateable Objects
- Verify Accelerated Policy Installation and Monitoring Status
- Elevate Security with HTTPS Inspection
- Deploy Identity Awareness
- Customize Threat Prevention
- Configure a Site-to-Site VPN with an Interoperable Device
- Deploy Remote Access VPN
- Configure Mobile Access VPN
- Monitor Policy Compliance
- Report SmartEvent Statistics
- Tuning Security Gateway Performance