

# CHPO-2 - CCSE R81.20 - CHECK POINT CERTIFIED SECURITY EXPERT R81.20

Categoria: **Check Point**

## INFORMAZIONI SUL CORSO



Durata:  
3 Giorni



Categoria:  
Check Point



Qualifica Istruttore:  
Check Point Certified  
Security Instructor



Dedicato a:  
Professionista IT



Produttore:  
Check Point

## OBIETTIVI

- 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.

## PREREQUISITI

- CCSA Training or Certification.
- Fundamental Unix and Windows knowledge.
- Certificate management experience.
- System administration and networking knowledge.

### Topics

- Advanced Deployments
- Management High Availability
- Advanced Gateway Deployment
- Advanced Policy Configuration
- Advanced User Access Management
- Custom Threat Protection
- Advanced Site-to-Site VPN
- Remote Access VPN
- Mobile Access VPN
- Advanced Security Monitoring
- Performance Tuning
- Advanced Security Maintenance

### 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

## INFO

**Esame:** 156-315.81.20 - Check Point Certified Security Expert

**Materiale didattico:** Materiale didattico ufficiale Check Point in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)