

# CHPO-2 - CCSE R82 - CHECK POINT CERTIFIED SECURITY EXPERT R82

Categoria: Check Point

### INFORMAZIONI SUL CORSO

£55

Durata: 3 Giorni

Categoria: Check Point Qualifica Istruttore: Check Point Certified Dedicato a: Professionista IT Produttore: Check Point

Security Instructor

### **OBIETTIVI**

This course provides students with the advanced knowledge, skills, and hands-on experience needed to deploy, manage, and monitor existing Quantum Security Environments. Students will learn how to deploy Management High Availability, provide advanced policy management, configure Site-to-Site VPN, provide advanced security monitoring, upgrade a Security Gateway, use Central Deployment tool to install hotfixes, perform an import of a Primary Security Management Server, and Deploy ElasticXL Cluster.

## **PREREQUISITI**

# Base Knowledge

- -Unix-like and/or Windows OS
- -Internet Fundamentals
- -Networking Fundamentals
- -Networking Security
- -System Administration
- -TCP/IP Networking
- -Text Editors in Unix-like OS
- -Minimum of 6-months of practical experience with the management of a Quantum Security Environment.

### **CONTENUTI**

## Module 1: Management High Availability

- -Explain the purpose of Management High Availability.
- -Identify the essential elements of Management High Availability.

#### Lab Tasks

- -Deploy and configure Management High Availability
- -Ensure the failover process functions as expected

## Module 2: Advanced Policy Management

- -Identify ways to enhance the Security Policy with more object types.
- -Create dynamic objects to make policy updatable from the Gateway.
- -Manually define NAT rules.



-Configure Security Management behind NAT.

#### Lab Tasks

- -Use Updatable Objects
- -Configure Network Address Translation for server and network objects
- -Configure Management behind NAT for Branch Office connections

#### Module 3: Site-to-Site VPN

- -Discuss site-to-site VPN basics, deployment, and communities.
- -Describe how to analyze and interpret VPN tunnel traffic.
- -Articulate how pre-shared keys and certificates can be configured to authenticate with third-party and externally managed VPN Gateways.
- -Explain Link Selection and ISP Redundancy options.
- -Explain tunnel management features.

### Lab Task

-Configure Site-to-Site VPN with internally managed Security Gateways

## Module 4: Advanced Security Monitoring

-Describe the SmartEvent and Compliance Blade solutions, including their purpose and use.

### Lab Tasks

- -Configure a SmartEvent Server to monitor relevant patterns and events
- -Demonstrate how to configure Events and Alerts in SmartEvent
- -Demonstrate how to run specific SmartEvent reports
- -Activate the Compliance Blade
- -Demonstrate Security Best Practice settings and alerts
- -Demonstrate Regulatory Requirements Compliance Scores

#### Module 5: Upgrades

-Identify supported upgrade options.

### Lab Task

- -Upgrade a Security Gateway
- -Use Central Deployment tool to install Hotfixes

### Module 6: Advanced Upgrades and Migrations

- -Export/import a Management Database.
- -Upgrade a Security Management Server by freshly deploying the new release or using a new appliance.

## Lab Task

- -Prepare to perform an Advanced Upgrade with Database Migration on the Primary Security Management Server in a distributed environment
- -Perform an import of a Primary Security Management Server in a distributed Check Point environment

#### Module 7: ElasticXL Cluster

-Describe the ElasticXL Cluster solution, including its purpose and use.

### Lab Tasks

-Deploy an ElasticXL Security Gateway Cluster



# **INFO**

Esame: 156-315.82 - 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)