Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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Check Point Certified Security Administrator (CCSA) and Engineering (CCSE) R80.40 Fast Track

CÓDIGO:	**DURACIÓN:**	**Precio:**
CKT_CPSA_R80.X	40 Hours (5 días)	A consultar

Description

This 5 day course combines the content of the CCSA and CCSE courses over 5 days (instead of 6).
The course helps provide an understanding of basic concepts and skills necessary to configure Check Point Security Gateway and Management Software Blades.
Validate your understanding and skills necessary to configure and optimally manage Check Point Next Generation Firewalls.
Please note that Check Point only offer e-kit courseware for training courses. Each delegate will be provided with an official set of e-kit courseware.

Objetivos

CCSA:
• Interpret the concept of a Firewall and understand the mechanisms used for controlling network traffic.
• Describe the key elements of Check Point's unified Security Management Architecture.
• Recognize SmartConsole features, functions and tools.
• Understand Check Point deployment options.
• Describe the basic functions of Gaia.
• Describe the essential elements of a Security Policy.
• Understand how traffic inspection takes place in a unified Security Policy.
• Summarize how administration roles and permissions assist in managing policy.
• Recall how to implement backup techniques.
• Understand the Check Point policy layer concept.
• Recognize Check Point security solutions and products and how they work to protect your network.
• Understand licensing and contract requirements for Check Point security products.
• Identify tools designed to monitor data, determine threats and recognize performance improvements.
• Identify tools designed to respond quickly and efficiently to changes in gateways, tunnels, remote users, traffic flow patterns, and other activities.
• Understand Site-to-Site and Remote Access VPN deployments and communities.
• Understand how to analyze and interpret VPN traffic.
• Recognize how to define users and user groups.
• Understand how to manage user access for internal and external users.
• Understand the basic concepts of ClusterXL technology and its advantages.
• Understand how to perform periodic administrator tasks as specified in administrator job descriptions.
CCSE:

• Identify advanced CLI commands.
• Understand system management procedures, including how to perform system upgrades and apply patches and hotfixes.
• Describe the Check Point Firewall infrastructure.
• Describe advanced methods of gathering important gateway data using CPView and CPInfo.
• Recognize how Check Point's flexible API architecture supports automation and orchestration.
• Discuss advanced ClusterXL functions.
• Describe VRRP network redundancy advantages.
• Undersand how SecureXL acceleration technology is used to enhance and improve performance.
• Understand how CoreXL acceleration technology is used to enhance and improve performance.
• Identify the SmartEvent components that store network activity logs and identify events.
• Discuss the SmartEvent process that determines which network activities may lead to security issues.
• Understand how SmartEvent can assist in detecting, remediating, and preventing security threats.
• Discuss the Mobile Access Software Blace and how it secures communication and data.
• Understand Mobile Access deployment options.
• Recognize Check Point Remote Access solutions.
• Discuss Check Point Capsule components and how they protect mobile devices and business documents.
• Discuss diferent Check Point Solutions for attacks such as zero-day and Advanced Persistent Threats.
• Understand how SandBlast, Threat Emulation, and Threat Extraction prevent security incidents.
• Identify how Check Point Mobile Threat Prevention can help protect data accessed on company-issued smartphones and tablets.

Público

• Technical professionals who support, install, deploy or administer Check Point Software Blades.
• Expert users and resellers who need to perform advanced deployment configurations of Check Point Software Blade

Requisitos Previos

• General knowledge of TCP/IP
• Working knowledge of Windows and/or UNIX, network technology and the Internet
• Previous attendance/certification on CCSA
• This course is not for new users to Check Point – previous experience is required.

Programa

• Introduction to Check Point Technology	
• Security Policy Management	
• Policy Layers	• System Management
• Check Point Security Solutions and Licensing	• Automation and Orchestration
• Traffic Visibility	• Redundancy
• Basic Concepts of VPN	• Acceleration
• Managing User Access	• SmartEvent
• Working with ClusterXL	• Mobile and Remote Access

COURSE TOPICSCCSA:• Administrator Task Implementation   **CCSE:**• Threat Prevention   **LAB EXERCISES**

• Upgrading a Security Management Server to R80.10

• Working with Gaia Portal	• Applying Check Point Hotfixes
• Modifying an Existing Security Policy	• Configuring a New Security Gateway Cluster
• Configuring Hide and Static NAT	• Core CLI Elements of Firewall Administration
• Managing Administrator Access	• Configuring Manual Network Address Translation
• Installing and Managing a Remote Security Gateway	• Managing Objects Using the Check Point API
• Managing Backups	• Enabling Check Point VRRP
• Defining Access Control Policy Layers	• Deploying a Secondary Security Management Server
• Defining and Sharing Security Policy Layers	• Viewing the Chain Modules
• Working with Licenses and Contracts	• Working with SecureXL
• Working with Check Point Logs	• Working with CoreXL
• Maintaining Check Point Logs	• Evaluating Threats with SmartEvent
• Configuring a Site-to-Site VPN	• Managing Mobile Access
• Providing User Access	• Understanding IPS Protections
• Working with Cluster XL	• Deploying IPS Geo Protection
• Verifying Network Compliance	• Reviewing Threat Prevention Settings and Protections

CCSA:• Working with CP View   **CCSE:**• Deploying Threat Emulation and Threat Extraction

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.