

Check Point Security Administration (CCSA)

ID CCSA Prix CHF 2 410,- (Hors Taxe) Durée 3 jours

A qui s'adresse cette formation

Ingénieur sécurité, administrateur sécurité, ingénieur réseaux

Cette formation prépare à la/aux certifications

Check Point Certified Security Administrator (CCSA)

Pré-requis

- General knowledge of TCP/IP
- Working knowledge of Windows and/or UNIX, network technology and the Internet

Objectifs

- Introduction to Check Point Technology
- Security Policy Management
- Policy Layers
- Check Point Security Solutions and Licensing
- Traffic Visibility
- Basic Concepts of VPN
- Managing User Access
- Working with ClusterXL
- Administrator Task Implementation

Contenu

- Describe the key elements of Check Point's unified, secure management architecture.
- Interpret the concept of a firewall and understand the mechanisms used for controlling network traffic.
- Recognize SmartConsole features and functions.
- Understand Check Point deployment options.
- Describe the basic functions of the Gaia OS.
- Describe the elements of a unified security policy.
- Understand how traffic inspection takes place in a unified security policy.
- Summarize how administration roles and permissions assist in managing policy.
- Implement Check Point backup techniques.
- 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 opportunities for performance improvements.
- Identify tools designed to respond quickly and efficiently to changes in gateways, tunnels, remote users and traffic flow patterns or security activities.
- Understand Site-to-Site and Remote Access VPN deployments and VPN communities.
- Understand how to analyze and interpret VPN tunnel traffic.
- Recognize how to define users and user groups.
- 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.

Lab Exercises

- Defining roles and users in Gaia Portal
- Installing and navigating SmartConsole
- Configuring objects, rules, and settings to define a Security Policy
- Publishing database changes
- Installing and managing a remote Security Gateway
- Performing Hide and Static Network Address Translation
- Configuring Application Control and URL filtering Access Control policy layers.
- Working with multiple concurrent Administrators and testing permissions profiles.
- Working with Check Point licenses
- Viewing and maintaining logs
- Configuring a Virtual Private Network
- Providing User Access
- Working with Check Point clustering
- Producing Check Point reports

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Centres de formation dans le monde entier



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