

CHECK POINT CERTIFIED SECURITY ADMINISTRATOR (CCSA) R80

Three Day Course

WHO SHOULD ATTEND?

Technical professionals, who support, install, deploy or administer Check Point Software Blades.

COURSE GOAL:

Provide an understanding of basic concepts and skills necessary to configure Check Point Security Gateway and Management Software Blades.

PREREQUISITES:

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

COURSE TOPICS

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

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

COURSE OBJECTIVES

- 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.

CERTIFICATION
INFORMATION

CCSA

Prepare for exam #156-215.80 at VUE.com/checkpoint