



CHECK POINT SECURITY ADMINISTRATION

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.