# COURSE TOPICS

* 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

# LAB EXERCISES

* Working with Gaia Portal
* Modifying an Existing Security Policy
* Configuring Hide and Static NAT
* Managing Administrator Access
* Installing and Managing a Remote Security Gateway
* Managing Backups
* Defining Access Control Policy Layers
* Defining and Sharing Security Policy Layers
* Working with Licenses and Contracts
* Working with Check Point Logs
* Maintaining Check Point Logs
* Configuring a Site-to-Site VPN
* Providing User Access
* Working with Cluster XL
* Verifying Network Compliance
* Working with CP View

# COURSE OBJECTIVES

* 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 description

Website: Email:

**CHECK POINT CYBER SECURITY ADMINISTRATOR (CCSA) R80.10**

**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

[**https://datacipher.com.au/**](https://datacipher.com.au/)**training@datacipher.com.au**

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