Check Point Certified Security Administrator (CCSA)

Duration: 3 Days

Description

The Check Point CCSA course provides an understanding of basic concepts and skills necessary to configure Check Point Security Gateway and Management Software Blades. (Supported Versions: R80.10, R80.20)

Participants

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

Prerequisites

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

Objectives

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

• 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.

Programme

• 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

Test & Certification

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