Check Point Certified Security Administrator (CCSA)

Duration: 2 Days   Course Code: CCSA

Overview:

Check Point Certified Security Administration (CCSA) R81.2 provides an understanding of the basic concepts and skills necessary to configure CheckPoint Security Gateway and Management Software Blades. During this course you will configure a Security Policy and learn about managing and monitoring a secure network, upgrading and configuring a Security Gateway and implementing a virtual private network.

Target Audience:

Technical persons who support, install, deploy or administer Check Point Software Blades should attend this course. Anyone seeking CCSA certification

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.

Prerequisites:

Persons attending this course should have a working knowledge of networking concepts, Windows Server and/or UNIX, and experience with TCP/IP and the Internet.

Testing and Certification

This training prepares the student for the Check Point Certified Security Administrator R81.2 exam which can be taken in our VUE testing centers.

Follow-on-Courses:

T-VPN-02, Check Point Security Engineering (CCSE R81.2)

Content:

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

Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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