

Security Administration R81.20 (CCSA)

Course Duration : 40 Hours

Course code : CCSA-R81.20

1. Course Overview

The **Security Administration R81.20 (CCSA)** course provides foundational knowledge of Check Point security technologies. This course focuses on configuring, managing, and monitoring Check Point Security Gateways and Management Servers to protect enterprise networks from threats.

2. What you'll learn?

- Check Point security architecture
- Security Gateway and Management Server concepts
- Firewall policy configuration
- Network Address Translation (NAT)
- VPN basics
- Monitoring and troubleshooting fundamentals

3. Target Audience

- Network and security administrators
- IT security professionals
- Firewall engineers
- System administrators
- Security support engineers

4. Pre-Requisites

- Basic knowledge of networking concepts
- Understanding of TCP/IP
- Familiarity with security fundamentals

5. Course Content (Modules)

Module 1: Introduction to Check Point Security

- Check Point architecture
- Security components overview

Module 2: Security Management and Policy

- Smart Console basics
- Security policy configuration

Module 3: Firewall and NAT

- Access control policies
- NAT configuration

Module 4: VPN Fundamentals

- Site-to-site VPN
- Remote access VPN

Module 5: Monitoring and Troubleshooting Basics

- Logs and monitoring
- Basic troubleshooting techniques