

Check Point Certified Security Administrator (CCSA) R82

Course Duration : 24 Hours

Course code : CCSA-R82

1. Course Overview

The **Check Point Certified Security Administrator (CCSA) R82** course provides foundational knowledge and practical skills to manage Check Point security gateways and management servers. This course focuses on firewall policies, NAT, VPN basics, monitoring, and day-to-day administration tasks required to secure enterprise networks using Check Point R82.

2. What you'll learn?

- Check Point R82 architecture and components
- Security policy creation and management
- Network Address Translation (NAT)
- VPN fundamentals
- Monitoring, logging, and reporting
- Basic troubleshooting techniques

3. Target Audience

- Network administrators
- Security administrators
- Firewall engineers
- IT support professionals
- Entry-level cybersecurity professionals

4. Pre-Requisites

- Basic understanding of networking concepts
- Knowledge of TCP/IP, routing, and firewall basics
- Prior security experience is helpful but not mandatory

5. Course Content (Modules)

Module 1: Introduction to Check Point R82

- Security architecture overview
- Management and gateway components

Module 2: Smart Console and Object Management

- Smart Console navigation
- Network and host objects

Module 3: Security Policy Management

- Access control rule base
- Policy installation and verification

Module 4: Network Address Translation (NAT)

- Static and dynamic NAT
- NAT rule configuration

Module 5: VPN Fundamentals

- VPN concepts
- Site-to-site VPN basics

Module 6: Monitoring and Logging

- Logs and alerts
- Reporting tools

Module 7: Basic Troubleshooting and Maintenance

- Common firewall issues
- System maintenance tasks

