



## CTR-905 CCSE - Check Point Certified Security Expert

### *About this course*

This is a 40-hour course that provides you with an understanding of the basic concepts and skills necessary to configure Check Point 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.

### *Audience profile*

This course is for systems administrators, support analysts, security engineers, network engineers, and any other IT professional with general knowledge of TCP/IP, and working knowledge of Windows, UNIX/Linux, network technology, and the internet.

### *At course completion*

After completing this course, students will be able to:

- Introduce and deploy checkpoint technology and platforms
- Understand the security policies, monitor traffic, and connections
- Use Smart Update, user management, and authentication
- Identify Identity awareness
- Examine checkpoints VPNs

### *Course details*

#### **Module 1: Check Point Security Management & Upgrading**

This module will teach about checkpoint security management, backup and restore security gateways, and management of servers. You'll learn about upgrading standalone full high availability.

#### **Module 2: The Check Point Firewall**

This module is about the advanced firewall, checkpoint firewall infrastructure as well as a security gateway. You'll learn about kernel tables, checkpoint firewall key features, NAT, and FW monitor.

#### **Module 3: Clustering and Acceleration**

This module gives a broad clustering and acceleration, VRRP, clusters, maintenance Tasks, and Tools. You will learn about security acceleration and multi-core acceleration.

#### **Module 4: Check Point Smart Dashboard**

This module teaches students how to connect the gateway with the checkpoint management server, learn about stealth rules and cleanup rules, and create objects, networks, or network ranges. You'll learn about how to create a service port manually in a checkpoint firewall and all the basics of a Smart Dashboard.



### **Module 5: Advanced User Management**

This module will educate students on user management, troubleshooting user authentication, and user directory. And Identity awareness will be taught in this session.

### **Module 6: Advanced IPsec VPN and Remote Access**

This session teaches advanced IPsec VPN and remote access, concepts, and practices. Students will learn all about remote access VPNs, tunnel management, troubleshooting, and VPN debugging.

### **Module 7: Auditing and Reporting**

This module will teach the checkpoint auditing and reporting procedure, Smart Event, Smart Event architecture, and Smart Reporter.

#### ***Prerequisites***

- Entry Level exam (American test)
- Systems Administrators, Support Analysts, Security Engineers, Network Engineers, Any other IT
- Professional with General knowledge of TCP/IP
- Working knowledge of Windows, UNIX, network
- Technology and the Internet