

Course Details

- 2 Day Duration
- Location Dublin, City Centre
- Cost €1400 per candidate
- Hand-on Labs
- Suitable for anyone who manages VPN-1/Firewall-1 Gateway Deployments
- Covers official curriculum for Certified Security Administrator (CCSA) NGX

Course Objectives

- Show how VPN-1 NGX components and Check Point's Secure Virtual Network Architecture protect critical information assets.
- Create rules and modify a Security Policy's properties.
- Use private IP-address allocation and unregistered internal addressing schemes, to overcome IP addressing limitations.
- Use monitoring tools to track, monitor, and account for all connections logged by Check Point components.
- Protect organizations from known network attacks and entire categories of emerging or unknown attacks, using SmartDefense.
- Distribute content security to Security Gateways, screen URLs and block suspicious Web data, and provide auditing capabilities and detailed reports.
- Verify the identity of users logging in to NGX, using NGX authentication schemes.
- Implement LDAP, and integrate it with NGX SmartCenter Server.
- Configure VPNs, using IKE encryption and Check Point's simplified VPN setup.
- Back up critical files and directories, for availability and timely recovery of Security Gateways and SmartCenter Servers



Course Content

The course covers the following major topics

- VPN-1/FireWall-1 architecture
- VPN-1/FireWall-1 component deployment
- How to define a Security Policy using SmartDashboard
- How to deploy and manage distributed gateways, using Check Point's SmartUpdate and Secure Internal Communications
- How to administer and troubleshoot VPN-1/FireWall-1 Security Policies
- How to enable SmartDefense global protection mechanisms
- How to set up User Authentication in a VPN-1/FireWall-1 environment
- How to implement Network Address Translation
- How to protect your network with backups
- How to upgrade VPN-1/FireWall-1
- How to license VPN-1/FireWall-1



Lab exercises Include

- Defining VPN-1/FireWall-1 rules, objects, and users
- Establishing basic VPN-1/FireWall-1 Security Policies
- Setting up User Authentication
- Configuring SmartDefense
- Configuring Network Address Translation Using SmartUpdate for VPN-1/FireWall-1 installation

Who should attend

Systems administrators, security managers, or network engineers who manage VPN-1/FireWall-1 gateway deployments and those who want to earn Check Point Certified Security Administrator (CCSA) NGX certification

Pre-requisites

Basic networking knowledge, knowledge of Windows Server and/or UNIX, and experience with TCP/IP and the Internet

Certification

This course meets the requirements for the CCSA NGX certification. A separate examination (not part of the course) is available for delegates who wish to have formal certification.