

# Checkpoint Firewall

Today with the evolution of Internet and Information Technologies the serious concern is to protect the valuable content (Data) present and developed in our Personal Computers and Corporate Networks from various threats like Viruses, Trojans, Spyware, Spam etc. As a Network Administrator or even as a user the need for management of these threats has become a major challenge in the Industry.

The Firewall Course offered by Zoom Technologies will enable you to handle these challenges with ease and protect your valuable data content and information.

## Course Outline

- ☞ Introduction to Checkpoint firewall
- ☞ Discussion on the modular nature of Checkpoint firewall
- ☞ Functionalities of Management, FW-1 & GUI modules
- ☞ Types of Checkpoint installation
- ☞ Hardware platform
- ☞ Checkpoint Rule base
- ☞ IP spoofing
- ☞ Installation of Checkpoint R77 GAIA
- ☞ Initial configuration of R77 GAIA
- ☞ Web access to Checkpoint
- ☞ Download & Installation of smart console
- ☞ Accessing Checkpoint through smart dashboard
- ☞ Checkpoint objects description
- ☞ Anti-spoofing configuration
- ☞ Network Address Translation
  - Hide NAT
  - Static NAT
- ☞ Filter Configuration
- ☞ Monitoring Traffic and Connections
- ☞ URL Filtering
- ☞ Antivirus inspection
- ☞ Content Analysis
- ☞ Identity Awareness
- ☞ User Management and Authentication User Authentication
  - User Authentication
  - Session Authentication
  - Client Authentication
- ☞ IPSEC VPN
- ☞ Intrusion Prevention System
- ☞ Backup & Restore of configuration
- ☞ Advanced and in-depth explanation of Check Point firewall technology
- ☞ Key tips and techniques for troubleshooting Check Point firewall technology
- ☞ Advanced upgrading concepts and practices
- ☞ Reporting tools, deployment options and features