Checkpoint (CCSE & CCSA)

Course Description:

Check Point Security Expert is an advanced course for Check Point's Security Gateway and Management Systems. This 3-day course provides hands-on training to achieve advanced skills necessary to manage and troubleshoot R75 Check Point Software Blades including advanced firewall, advanced user management and clustering, advanced IPsec and VPN and remote access. During this course, students will perform debugs on firewall processes and optimize VPN performance.

Check Point Security Administrator provides 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. In addition, you will upgrade and configure a Security Gateway to implement a virtual private network for both internal and external, remote users.

Course Prerequisites:

Persons attending this course should have general knowledge of TCP/IP, and working knowledge of Windows, UNIX, network technology and the internet.

Target Audience:

This course is specially designed for the B.Tech /B.E(CSE/IT/EEE/ECE/Mech) and all other IT related Graduates and Post Graduate students. Mission Professionalism has conquered the job scenario and companies seek for well qualified, professional and skilled manpower. Quality Education and Performance Oriented Training is our motto.

What Student/Professionals Will Learn?

- Be prepared to defend against network threats
- Evaluate existing security policies and optimize the rule base
- Manage user access to corporate LANs
- Monitor suspicious network activities and analyze attacks
- Troubleshoot network connections
- Protect email and messaging content
- install the security gateway in a distributed environment
- Configure rules on Web and Gateway servers
- Create a basic rule base in SmartDashboard and assign permissions
- Schedule backups and seamless upgrades with minimal downtime
- Monitor and troubleshoot IPS and common network traffic

COURSE-CONTENT

1. **Introduction to Check Point Technology Foot printing and Reconnaissance**
2. **DeploymentPlatforms Enumeration**
3. **Introduction to the Security Policy Malware Threats**
4. **Monitoring Traffic and Connections**
5. **Using SmartUpdate**
6. **User Management and Authentication**
7. **Identity Awareness**
8. **Introduction to Check Point VPNs**

9. Advanced Firewall
10. Advanced Upgrading
11. Advanced User Management
12. Advanced Clustering
13. Advanced Acceleration
14. Advanced IPsec VPN
15. Remote Access
16. Auditing and Reporting

INTEGER Innovation will provide:

- Training Slides taught during training by trainers
- Programmatic Examples
- Assignments of each topic in a module
- Demos executed during training session.
- Software's and installation guide (for future help)
- E-books for further reading in depth
- Reference links
- 24X7 online support for any queries or doubts.