



Check Point Certified Engineer (CCSE) R80

Advanced course teaches how to build, modify, deploy and troubleshoot Check Point Security Systems on the GAiA operating system. Hands-on lab exercises teach how to debug firewall processes, optimize VPN performance and upgrade Management Servers.

Audience

Expert users and resellers who need to perform advanced deployment configurations of Check Point Software Blades.

Pre-Requisites

- Security Administration Course or CCSA certification (R80 Not R77)
- Windows Server, UNIX and networking skills and TCP/IP experience
- Certificate management and system administration

Topics Covered

COURSE TOPICS

- System Management
- Automation and Orchestration
- Redundancy
- Acceleration
- SmartEvent
- Mobile and Remote Access
- Threat Prevention

LAB EXERCISES

- Upgrading a Security Management Server to R80.10
- Applying Check Point Hotfixes
- Configuring a New Security Gateway Cluster
- Core CLI Elements of Firewall Administration
- Configuring Manual Network Address Translation
- Managing Objects Using the Check Point API
- Enabling Check Point VRRP

- Deploying a Secondary Security Management Server
- Viewing the Chain Modules
- Working with SecureXL
- Working with CoreXL
- Evaluating Threats with SmartEvent
- Managing Mobile Access
- Understanding IPS Protections
- Deploying IPS Geo Protection
- Reviewing Threat Prevention Settings and Protections
- Deploying Threat Emulation and Threat Extraction