

# Check Point Certified Security Administrator CCSA R80 (156-215.80)

This Check Point CCSA R80 (156-215.80) training covers how to defend against network threats, assess current security policies, and monitor network activities. Security professionals who are Check Point-certified are relatively scarce, and those who can defend against network threats, assess current security policies, and monitor network activities are highly valued.

[CBT Nuggets course material](#) →

## WEEK 1

### Check Point Installation and Configuration

160 min.

Initial Installation and Configuration: Security Manager Overview and Installation	4
Initial Installation and Configuration: Security Manager Initial Configuration	4
Initial Installation and Configuration: Default User Accounts	11
Initial Installation and Configuration: Gateway Installation	2
Initial Installation and Configuration: Gateway Initial Configuration	4
Initial Installation and Configuration: Introduction to SmartConsole	2
Initial Installation and Configuration: Adding a Gateway to the Security Management Server	10
Initial Installation and Configuration: Backward Compatibility	3
Initial Installation and Configuration: Resetting SIC	5
Initial Installation and Configuration: Static and Default Routes	4
Initial Installation and Configuration: Snapshots	4
Initial Installation and Configuration: SmartUpdate and Licensing	6

### Check Point Security Policies

Overview	1
Security Policies: Intro and Lab	20
Security Policies: Adding a Second Gateway Demo	11
Security Policies: Zone-Based Policies Lab	15
Security Policies: Time-Based Policies Lab	9
Security Policies: Section Titles and Inline Layers	6

Security Policies: Section Titles and Inline Layers Demo	12
Security Policies: Multiple SmartConsole Admins Demo	13
Security Policies: Installing Policies on Multiple Gateways Lab	13

## WEEK 2

**155 min.**

Security Policies: Policy Packages Overview	4
Security Policies: Configure Multiple Policy Packages Lab	11
Security Policies: Troubleshooting Security Policies Lab	11
Security Policies: Implied Security Rules Lab	16

### Network Address Translation

Overview	1
Network Address Translation: Network Address Translation (NAT) Overview	5
Network Address Translation: Source NAT Lab	15
Network Address Translation: Destination Static NAT Lab	15
Network Address Translation: Auto-NAT Priority Order	3
Network Address Translation: Auto-NAT Priority Lab	12
Network Address Translation: Manual NAT Rules Overview	4
Network Address Translation: Manual NAT Lab	15

### Check Point Advanced Firewall Features

Overview	1
Advanced Firewall Features: Gateway High Availability	4

Advanced Firewall Features: Check Point Features	5
Advanced Firewall Features: URL Filtering	5
Advanced Firewall Features: Application Control	4
Advanced Firewall Features: HTTPS Inspection Overview	4
Advanced Firewall Features: Configure HTTPS Inspection	8
Advanced Firewall Features: Filtering Site Categories Demo	5
Advanced Firewall Features: Identity Awareness Overview	5

## WEEK 3

**160 min.**

Advanced Firewall Features: Identity Awareness Lab	21
Advanced Firewall Features: Threat Prevention Policy Overview	3
Advanced Firewall Features: Threat Prevention Policy Example	4
Advanced Firewall Features: Anti-Spoofing	9

### Virtual Private Networks (VPNs)

Overview	1
VPNs: Site-to-Site VPN Overview	6
VPNs: IPsec Overview	5
VPNs: IPsec Site-to-Site VPN Demo	15
VPNs: VPN Tunnel Utility	4
VPNs: SmartView Monitor Overview Lab	11
VPNs: Suspicious Activity Monitoring Lab	12
VPNs: SmartEvent Overview Lab	14

## Check Point Command Line Interface

Overview	1
Command Line Interface: Interface Config using CLI Lab	12
Command Line Interface: Locks in Gaia Lab	12
Command Line Interface: Removing a Policy at the CLI	10
Command Line Interface: CPView	4
Command Line Interface: CLISH and Expert Mode	4
Command Line Interface: Processes and Daemons Overview	10

### WEEK 4

**13 min.**

Command Line Interface: Changing the Web UI port at the CLI	4
Command Line Interface: Web and CLI Backups	8