

## English Delivery Only: Check Point Certified Security Administrator (CCSA) R81.20 (includes 180 days' lab access)

**Cursusduur: 3 Dagen    Cursuscode: CKT\_CCSA\_R81\_20    Trainingsmethode: Maatwerk**

### Beschrijving:

This core course covers the fundamentals needed to deploy, configure, and manage daily operations of Check Point Security Gateways and Management Software Blades that run on the Gaia operating system. Learn basic concepts and develop skills necessary to administer IT security fundamental tasks.

#### Maatwerk

Global Knowledge biedt zowel standaard- als maatwerk cursussen die zijn afgestemd op uw wensen en die als besloten cursus op uw eigen locatie of onze locatie gevolgd kunnen worden.

### Doelgroep:

Technical professionals who support, install, deploy or administer Check Point products.

### Doelstelling:

- ? Describe the primary components of a Check Point Three-Tier Architecture and explain how they work together in the Check Point environment.
- ? Explain how communication is secured and how traffic is routed in the Check Point environment.
- ? Describe the basic functions of the Gaia operating system.
- ? Identify the basic workflow to install Security Management Server and Security Gateway for a single-domain solution.
- ? Create SmartConsole objects that correspond to the organization's topology for use in policies and rules.
- ? Identify the tools available to manage Check Point licenses and contracts, including their purpose and use.
- ? Identify features and capabilities that enhance the configuration and management of the Security Policy.
- ? Explain how policy layers affect traffic inspection.
- ? Articulate how Network Address Translation affects traffic.
- ? Describe how to configure manual and automatic Network Address Translation (NAT).
- ? Demonstrate an understanding of Application Control & URL Filtering and Autonomous Threat Prevention capabilities and how to configure these solutions to meet an organization's security requirements.
- ? Articulate how pre-shared keys and certificates can be configured to authenticate with third party and externally managed VPN Gateways.
- ? Describe how to analyze and interpret VPN tunnel traffic.
- ? Configure logging parameters.
- ? Use predefined and custom queries to filter log results.
- ? Identify how to monitor the health of supported Check Point hardware using the Gaia Portal and the command line.
- ? Describe the different methods for backing up Check Point system information and discuss best practices and recommendations for each method.

### Vereiste kennis en vaardigheden:

Working knowledge of Unix-like and Windows operating systems and TCP/IP Networking.

### Examens en certificering

Prepare for exam #156-215.81.20 at [www.VUE.com/checkpoint](http://www.VUE.com/checkpoint)  
Exam vouchers are available at an additional cost - please ask for details.  
Full information on Check Point's Certification Program can be viewed at  
<https://www.checkpoint.com/downloads/training/check-point-certification-faq.pdf>

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## Vervolg cursussen:

Check Point Certified Security Expert (CCSE) R81.20

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### Cursusinhoud:

Topics:	? Logging	? Managing Licenses
? Security Management	? Snapshots	? Creating a Security Policy
? SmartConsole	? Backup and Restore	? Configuring Order Layers
? Deployment	? Gaia	? Configuring a Shared Inline Layer
? Object Management	? Permissions	? Configuring NAT
? Licenses and Contracts	? Policy Installation	? Integrating Security with a Unified Policy
? Policy Rule and Rulebase	Exercises:	? Elevating Security with Autonomous Threat Prevention
? Policy Packages	? Deploying SmartConsole	? Configuring a Locally Managed Site-to-Site VPN
? Policy Layers	? Installing a Security Management Server	? Elevating Traffic View
? Traffic Inspection	? Installing a Security Gateway	? Monitoring System States
? Network Address Translation	? Configuring Objects in SmartConsole	? Maintaining the Security Environment
? Application Control	? Establishing Secure Internal Communication	
? URL Filtering	? Managing Administrator Access	

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### Extra informatie:

Please note that Check Point only offer e-kit courseware for training courses. Each delegate will be provided with an official set of e-kit courseware.

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## Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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[www.globalknowledge.com/nl-nl/](http://www.globalknowledge.com/nl-nl/)

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