



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**You can reach us at:**

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

**CODE:**

CKT\_CCSA\_R81.XX

**LENGTH:**

24 Hours (3 days)

**PRICE:**

£1,795.00

**Description**

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.

**Objectives**

- 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.

**Audience**

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

## **Prerequisites**

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

## **Programme**

Topics:

- Security Management
- SmartConsole
- Deployment
- Object Management
- Licenses and Contracts
- Policy Rule and Rulebase
- Policy Packages
- Policy Layers
- Traffic Inspection
- Network Address Translation
- Application Control
- URL Filtering
- Logging
- Snapshots
- Backup and Restore
- Gaia
- Permissions
- Policy Installation

Exercises:

- Deploying SmartConsole
- Installing a Security Management Server
- Installing a Security Gateway
- Configuring Objects in SmartConsole
- Establishing Secure Internal Communication
- Managing Administrator Access
- Managing Licenses
- Creating a Security Policy
- Configuring Order Layers
- Configuring a Shared Inline Layer

- Configuring NAT
- Integrating Security with a Unified Policy
- Elevating Security with Autonomous Threat Prevention
- Configuring a Locally Managed Site-to-Site VPN
- Elevating Traffic View
- Monitoring System States
- Maintaining the Security Environment

## **Follow on courses**

Check Point Certified Security Expert (CCSE) R81.20

## **Test and Certification**

Certification: 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 from [educationteam.ecs.uk@arrow.com](mailto:educationteam.ecs.uk@arrow.com) (0870 251 1000)

Full information on Check Point's Certification Program can be viewed at <https://www.checkpoint.com/downloads/training/check-point-certification-faq.pdf>

## **Further Information**

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.

Arrow ECS are a Check Point Platinum Elite Authorised Training Company (ATC) Partner and participate in the Check Point Learning Credits (CLCs) and Partner Coop Training Program.

## **Session Dates**

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
04 Aug 2025	Virtual Classroom	BST	English	Instructor Led Online	Yes	£ <del>1,795.00</del> £1,525.75
20 Aug 2025	Virtual Classroom	BST	English	Instructor Led Online		£ <del>1,795.00</del> £1,525.75
01 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£ <del>1,795.00</del> £1,615.50
15 Sep 2025	Arrow ECS London c/o JustIT		English	Classroom		£1,795.00
13 Oct 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
27 Oct 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
10 Nov 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
24 Nov 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
08 Dec 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
15 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£ <del>1,795.00</del> £1,615.50
01 Dec 2025	Arrow ECS London c/o JustIT		English	Classroom		£1,795.00
01 Dec 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
27 Aug 2025	Virtual Classroom	BST	English	Instructor Led Online		£ <del>1,795.00</del> £1,525.75
08 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£ <del>1,795.00</del> £1,615.50
06 Oct 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
22 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00

## Additional Information

This training is also available as onsite training. [Please contact us to find out more.](#)