



TRAINING OFFERING

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Check Point Certified Security Expert (CCSE) R80.X (includes 180 days lab access)

CODE:	LENGTH:	PRICE:
CKT_CCSE_R80.X	3 days	£1,795.00

Description

Advanced three-day 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. **Goals:** Validate and enhance your skills and optimally manage Check Point advanced security management systems.

Objectives

- Articulate Gaia system management procedures
- Explain how to perform database migration procedures
- Articulate the purpose and function of Management High Availability
- Describe how to use Check Point API tools to perform management functions
- Articulate an understanding of Security Gateway cluster upgrade methods
- Discuss the process of Stateful Traffic inspection
- Articulate an understanding of the Check Point Firewall processes and debug procedures
- Describe advanced ClusterXL functions and deployment options
- Explain how the SecureXL acceleration technology enhances and optimizes Security Gateway performance
- Describe how the CoreXL acceleration technology enhances and improves Security Gateway performance
- Articulate how utilizing multiple traffic queues can make traffic handling more efficient
- Describe different Check Point Threat Prevention solutions for network attacks
- Explain how SandBlast, Threat Emulation, and Threat Extraction help to prevent security incidents
- Recognize alternative Check Point Site-to-Site deployment options
- Recognize Check Point Remote Access solutions and how they differ from each other
- Describe Mobile Access deployment options

Audience

Technical professionals who perform advanced deployment configurations of Check Point products.

Prerequisites

CCSA training and/or certification with a working knowledge of Windows and/or UNIX, networking technology, the Internet and TCP/IP.

Programme

- Management Maintenance
- Management Migration
- Management
- High Availability
- Policy Automation
- Gateway Maintenance
- The Firewall Kernel
- User-Mode Processes
- ClusterXL
- Traffic Acceleration
- Core Acceleration
- Interface Acceleration
- Threat Prevention
- Threat Emulation
- Advanced Site-to-Site VPN
- Remote Access VPN

Topics:• Mobile Access

Exercises:

- Perform an upgrade of a Security Management server in a distributed environment
- Use the migrate_export command to prepare to migrate a Security Management Server
- Deploy a Secondary Management Server
- Demonstrate how to define new network and group objects using the Check Point API
- Perform an upgrade of Security Gateways in a clustered environment
- Use Kernel table commands to evaluate the condition of a Security Gateway
- Use common commands to evaluate the condition of a Security Gateway
- Configure Virtual MAC
- Demonstrate how SecureXL affects traffic flow
- Describe how the CoreXL acceleration technology enhances and improves Security Gateway performance
- Demonstrate how to monitor and adjust interface traffic queues
- Identify specific threat protections used by Check Point Threat Prevention
- Demonstrate how to enable Mobile Access for remote users

Follow on courses

Attend two Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master (CCSM).

Attend four Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master Elite (CCSM Elite).

For information on Infinity Specialization courses please view our main Check Point training page (<https://edu.arrow.com/uk/trainings/open/check-point/316/trainings-list>)

Test and Certification

Prepare for exam #156-315.80 at www.VUE.com/checkpoint

Exam vouchers are available at an additional cost from 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
13 Dec 2021	Virtual Classroom	GMT	English	Instructor Led Online	Yes	£ 1,795.00 £1,615.50
17 Jan 2022	London - Dowgate	GMT	English	Classroom		£1,795.00

Hill					
17 Jan 2022	Virtual Classroom	GMT	English	Instructor Led Online	£1,795.00
14 Feb 2022	London - Dowgate Hill	GMT	English	Classroom	£1,795.00
14 Feb 2022	Virtual Classroom	GMT	English	Instructor Led Online	£1,795.00
14 Mar 2022	London - Dowgate Hill	GMT	English	Classroom	£1,795.00
14 Mar 2022	Virtual Classroom	GMT	English	Instructor Led Online	£1,795.00
11 Apr 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
11 Apr 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
09 May 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
09 May 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
06 Jun 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
06 Jun 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
04 Jul 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
04 Jul 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
01 Aug 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
01 Aug 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
19 Sep 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
19 Sep 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
17 Oct 2022	London - Dowgate Hill	BST	English	Classroom	£1,795.00
17 Oct 2022	Virtual Classroom	BST	English	Instructor Led Online	£1,795.00
14 Nov 2022	London - Dowgate Hill	GMT	English	Classroom	£1,795.00
14 Nov 2022	Virtual Classroom	GMT	English	Instructor Led Online	£1,795.00
12 Dec 2022	London - Dowgate Hill	GMT	English	Classroom	£1,795.00
12 Dec 2022	Virtual Classroom	GMT	English	Instructor Led Online	£1,795.00
20 Dec	London - Dowgate	GMT	English	Classroom	£1,795.00

2021	Hill					
20 Dec 2021	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.