



## TRAINING OFFERING

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**You can reach us at:**

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| CODE:    | LENGTH: | PRICE:    |
|----------|---------|-----------|
| CKT_CCME | 2 days  | £1,695.00 |

## Description

The Check Point Certified Maestro Expert (CCME) course is designed for administrators and Check Point resellers that offer Hyperscale Network Security as business and technical requirements change to accommodate massive network traffic growth. This course equips IT professionals as they work towards their Check Point Certified Maestro Expert (CCME) certification. (Supported Versions: R80.XSP)

## Objectives

- Understand the concept and demand for Scalable Platforms
- Recognize the main characteristics of Scalable Platforms
- Describe how Maestro uses Hyperscale Technology
- Identify the essential components of the Maestro system
- Understand and explain how the Orchestrator's downlinks, uplinks, management, and sync ports function
- Learn how to create, delete, and modify Security Groups
- Understand the basics of the Dual-Site environment
- Describe how the Gaia Command Line Interface (CLI) supports the configuration of MHO appliances
- Perform diagnostic troubleshooting using the CLI
- Describe the purpose of the Security Group Database
- Learn how to configure interfaces using CLISH
- Evaluate how traffic flows through a Maestro environment
- Demonstrate how to use traffic monitoring commands
- Understand the four distribution modes that Maestro uses to assign packets to a Security Gateway Module
- Describe the basic use of the asg diag command to collect system diagnostics
- Describe how Dual-Site Orchestrators are configured
- Recognize how to account for Dual-Site fail-overs
- Identify how Virtual System Extension (VSX) works
- Learn the advantages of using VSX in a Dual-Site Orchestrator environment
- Describe the different layers of the OSI model involved when debugging the SGM

## Prerequisites

- Working knowledge of UNIX and/or Windows OS
- Working knowledge of Networking TCP/IP
- CCSE training/certification
- Advanced knowledge of Check Point Security products

## Programme

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|--|--|
| • Introduction to Check Point Maestro        | • Creating Security Groups                   |
| • Maestro Security Groups                    | • Working in a Dual Orchestrator Environment |
| • Dual Orchestrator Environment              | • Configuring Security Groups                |
| • Using the Command Line Interface and WebUI | • Working with Multiple Security Groups      |
| • Working with Security Group Modules        | • Understanding Traffic Distribution Modes   |
| • Traffic Flow                               | • Managing Traffic Flow                      |
| • System Diagnostics                         | • Running System Diagnostics                 |
| • Dual-Site Environment                      | • Creating a Dual-Site Environment           |
| • Incorporating VSX                          | • Deploying VSX in a Dual-Site Environment   |
| Course Topics • Troubleshooting              |  |
|  | Lab Exercises •                              |

## 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).

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

## Test and Certification

This course prepares you for exam #156-835 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 approximately 1 week prior to the start date of the course.

## Session Dates

| Date        | Location                    | Time Zone | Language | Type                  | Guaranteed | PRICE     |
|-------------|-----------------------------|-----------|----------|-----------------------|------------|-----------|
| 13 Dec 2021 | Virtual Training Class - TP | GMT       | English  | Instructor Led Online |            | £1,695.00 |

## Additional Information

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