



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Check Point Certified Maestro Expert

CODE:	LENGTH:	PRICE:
CKT_CCME	2 days	€2,250.00

## 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        |  |
| • Maestro Security Groups                    |  |
| • Dual Orchestrator Environment              |  |
| • Using the Command Line Interface and WebUI |  |
| • Working with Security Group Modules        |  |
| • Traffic Flow                               |  |
| • System Diagnostics                         |  |
| • Dual-Site Environment                      |  |
| • Incorporating VSX                          |  |
| • Creating Security Groups                   |  |
| • Working in a Dual Orchestrator Environment |  |
| • Configuring Security Groups                |  |
| • Working with Multiple Security Groups      |  |
| • Understanding Traffic Distribution Modes   |  |
| • Managing Traffic Flow                      |  |
| • Running System Diagnostics                 |  |
| • Creating a Dual-Site Environment           |  |
| • Deploying VSX in a Dual-Site Environment   |  |

Course Topics • Troubleshooting

Lab Exercises •

## Follow on courses

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.

## 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 for purchase directly from Arrow ECS

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
11 Jul 2022	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€2,250.00
13 Jul 2022	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€2,250.00
12 Sep 2022	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€2,250.00
14 Sep 2022	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€2,250.00
14 Nov 2022	Virtual Classroom (CET / UTC+1)	CET	English	Instructor Led Online		€2,250.00
16 Nov 2022	Virtual Classroom (CET / UTC+1)	CET	English	Instructor Led Online		€2,250.00
26 Sep 2022	Virtual Classroom (CET / UTC+1)	CEDT	English	Instructor Led Online		€2,250.00
28 Nov 2022	Virtual Classroom (CET / UTC+1)	CET	English	Instructor Led Online		€2,250.00

## Additional Information

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