



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**You can reach us at:**

Arrow Enterprise Computing Solutions Ltd, Part 1st Floor, Suite 1D/1, Central House, Otley Road, Harrogate, HG3 1UG

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



# Check Point Certified Automation Specialist (CCAS) R81.20 (includes 1 month's lab access 24/7)

**CODE:**

CKT\_CCAS\_R81.20

**LENGTH:**

16 Hours (2 days)

**PRICE:**

£1,595.00

**Description**

Gain the knowledge and skills to effectively implement automation and orchestration technologies in a Check Point security environment.

**Objectives**

- Define and explain the benefits of automation and orchestration.
- Discuss technologies used for automation and orchestration, such as scripts and APIs.
- Discuss the basic components of the Check Point API infrastructure and how these components interact to provide security automation and orchestration.
- Given a scenario, prepare the Check Point environment for API operations.
- Describe the basic workflow for Management API command usage.
- Identify the supported automation tools for Management API commands.
- Given a scenario, use the appropriate automation tool to run Management API commands.
- Describe the basic workflow for Gaia API command usage.
- Identify the supported automation tools for Gaia API commands.
- Given a scenario, use the appropriate automation tool to run Gaia API commands.
- List best practices and guidelines for Management and Gaia APIs.
- Identify the benefits of using the JSON argument (`--format json`) with Management API commands.
- Give examples of how to use the jq utility to filter Management API output.
- Identify the prerequisites for using Postman for Check Point Web API calls.
- Describe the basic workflow for using Postman to send Check Point Web API calls.
- Given a scenario, configure and use Postman to send Web API commands. Exercises:
  - Use scripts to deploy a Security Management Server.
  - Deploy a Security Gateway using the Blink utility.
- Use best practices to prepare the security environment for API usage.
- Use internal and external tools to automate object and policy creation and modification.
- Automate the creation and installation of the security policy.
- Automate the connection of the Security Gateway.
- Automate adjustments to Check Point Server Configuration with the Gaia API.
- Use the Management API and the Gaia API to add resources, modify object settings, and perform maintenance tasks.
- Use JSON scripts and jq to view objects and monitor performance.

**Audience**

This Specialist-level course is designed for Security Professionals who want to gain practical knowledge and skills using automation and orchestration technologies to streamline and improve Check Point security management and operations.

**Prerequisites**

- Working knowledge of Unix-like and/or Windows operating systems, networking fundamentals, networking security, TCP/IP networking, Bash scripting, and vi editor.
- Other prerequisites that are strongly encouraged include knowledge of Check Point security (CCSA and CCSE) and a minimum of six months practical experience with Check Point security solutions.

**Programme**

- Introduction to automation and orchestration
- Introduction to Check Point APIs
- Management API
- Gaia API
- Best practices and guidelines
- JSON and jq
- Postman

## 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).

- [Check Point Certified Endpoint Specialist \(CCES\)](#)
- [Check Point Certified Troubleshooting Administrator \(CCTA\)](#)
- [Check Point Certified Cloud Specialist \(CCCS\)](#)
- [Check Point Certified MDSM Specialist \(CCMS\)](#)
- [Check Point Certified VSX Specialist \(CCVS\)](#)
- [Check Point Certified Troubleshooting Expert \(CCTE\)](#)
- [Check Point Certified Maestro Expert \(CCME\)](#)
- [Check Point Certified Cloud Network Security Expert for AWS \(CNSE-AWS\)](#)
- [Check Point Certified Cloud Network Security Expert for Azure \(CNSE-AZURE\)](#)

## Test and Certification

Prepare for exams #156-521 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/checkpoint-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 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,595.00 £1,435.50
16 Oct 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,595.00
27 Nov 2025	Virtual Classroom	GMT	English	Instructor Led Online		£1,595.00
04 Aug 2025	Virtual Classroom	BST	English	Instructor Led Online		£1,595.00 £1,355.75

## Additional Information

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