

# **Enterprise Computing Solutions - Education Services**

# **TRAINING OFFERING**

Du kan nå oss her

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# **Check Point Certified Automation Specialist (CCAS) R81.20**

CODE: LENGTH: PRICE:

CKT CCAS R81.20 16 Hours (2 days) kr21,000.00

# **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.

#### **Audience**

This 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**

#### Topics:

- 1. Introduction to Check Point APIs
- 2. Management API
- 3. Introduction to Automation and Orchestration
- 4. Gaia API
- 5. JSON and jq
- 6. Postman
- 7. Best Practices and Guidelines

#### **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.

#### 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).

Choose from the following Infinity Specialization courses:

- Check Point Certified Troubleshooting Administrator (CCTA)
- Check Point Certified Harmony Endpoint Specialist (CCES)
- 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**

This course prepares you for exam #156-520 at <a href="https://www.vue.com/checkpoint">www.vue.com/checkpoint</a>
Full information on Check Point's Certification Program can be viewed at: <a href="https://www.checkpoint.com/downloads/training/check-point-certification-fag.pdf">https://www.checkpoint.com/downloads/training/check-point-certification-fag.pdf</a>

# **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	Туре	Guaranteed	PRICE
11 Dec 2025	Virtual Classroom (CET / UTC +1)	CET	English	Instructor Led Online		kr21,000.00

#### **Tilleggsinformasjon**

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.