

Training: Check Point
Check Point Certified Automation Specialist (CCAS) R80.20



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	2500 EUR	2 days
Traditional	CTAB Tablet	2600 EUR	2 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING TERMS

2019-09-16 | 2 days | Warszawa

TRAINING GOALS:

Check Point Certified Automation Specialist (CCAS) R80.20 is a 2-day Specialist course which provides a comprehensive understanding of automation and the **Check Points Management API architecture**. It presents advanced concepts such as how to create and execute automated scripts to perform R80 **Security Management tasks**.

Who should attend?

This course is designed for security engineers, developers, and **Check Point** resellers who need to create and execute automated scripts to perform routine tasks within their security environment and are working towards their **Check Point Certified Automation**.

Course objectives:

- Explain how automation and orchestration work together
- Understand the key drivers for incorporating automation and orchestration into security management
- Execute a shell script that demonstrates how to build a comprehensive Security Policy.
- Recognize how the Check Point API framework integrates with R80 Security Management to support automation and orchestration of daily tasks
- Describe Check Point API tools and demonstrate how they are used to manage Check Point Security Management solutions
- Demonstrate how to define new objects and modify existing ones by using the Check Point API
- Demonstrate how to create API commands to efficiently maintain the Check Point Security Management Server database

- Demonstrate how to use different methods to update the database with API commands
- Become familiar with client-side and server-side scripting and scripting languages
- Understand how to use the Bash shell to develop APIs
- Recognize and describe many of the open source tools that are available to assist with API development
- Demonstrate how to use a custom REST application to update the database of a Security Management Server
- Demonstrate how to use Postman to manage the Security Policy database through the Check Point API
- Understand what steps to take to troubleshoot and debug API scripts
- Demonstrate basic troubleshooting techniques by reviewing debugging messages in various forms
- Understand how to use self-service portal capabilities to provide general IT services
- Recognize how automation tools work with Check Point APIs to automate security management tasks and orchestrate workflow behind service portals
- Demonstrate common tasks that are automated in a Web portal to manage the Security Policy

CONSPECT:

- Introduction to automation and orchestration
- Check Point APIs
- API development
- API troubleshooting
- Self-service Web portals

Exercises

- Demonstrate Check Point automation and orchestration
- Manage objects using the Check Point API
- Create a management API shell script
- Use a variety of methods to execute API commands
- Use a custom REST tool for API calls
- Use Postman for API calls
- Debug the Check Point management API
- Automate tasks using a Check Point API enabled Web portal

REQUIREMENTS:

- Working knowledge of Windows, UNIX, networking, TCP/IP, and the Internet.

- Check Point **CCSA Certification**.

Difficulty level



CERTIFICATE:

The participants will obtain **certificates** signed by **Check Point Software Technologies Ltd.** (course completion).

This course also helps prepare for optional **CCAS exam #156-520** available at VUE test centers.

TRAINER:

Authorized Check Point Software Technologies Ltd. Trainer.