

CCAS – Check Point Certified Automation Specialist (CCAS) vR1.20 (2024)

156-520 CCAS – Check Point Automation Specialist (CCAS) ver. R81.20 (2024)



About this Course:

- Provide an understanding of the advanced concepts and skills necessary to automate and orchestrate tasks relating to managing Check Point Security Policies.

Course Goals/Skills:

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

Audience:

- Technical professionals who automate, orchestrate, and troubleshoot Check Point secured environments.
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Course Format:



Online - Live -
Virtual

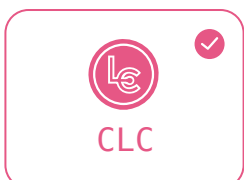
Language: English

Courseware: Digital

Duration

- 2 days
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Payment



We provide Invoices

Schedule

Sep 30

30 September 2026 @ 09:00 - 1 October 2026 @ 17:00 EEST

[CCCS – Check Point Certified Cloud Specialist \(Updated 2021 – R81\)](#)

Sep 30

30 September, 2027 @ 09:00 - 1 October, 2027 @ 17:00 EEST

[CCCS – Check Point Certified Cloud Specialist \(Updated 2021 – R81\)](#)

Sep 30

30 September, 2028 @ 09:00 - 1 October, 2028 @ 17:00 EEST

[CCCS – Check Point Certified Cloud Specialist \(Updated 2021 – R81\)](#)

Sep 30

30 September, 2029 @ 09:00 - 1 October, 2029 @ 17:00 EEST

[CCCS – Check Point Certified Cloud Specialist \(Updated 2021 – R81\)](#)

Sep 30

30 September, 2030 @ 09:00 - 1 October, 2030 @ 17:00 EEST

[CCCS – Check Point Certified Cloud Specialist \(Updated 2021 – R81\)](#)

[View Calendar](#)

We offer alternative days. Please contact us

Prerequisites:

- Check Point CCSA Certification
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Exam Prep:

- **156-520 CCAS – Check Point Automation Specialist (CCAS)**
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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