

Check Point Certified Automation Specialist (CCAS)



Online Course

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Course Modules

1. OBJECTIVES

- Define and explain the benefits of automation and orchestration.
- Discuss technologies used for automation and orchestration
- Basic components of the Check Point API infrastructure
- Given a scenario, prepare the Check Point environment for API.
- Describe the basic workflow for Management API command usage.
- Identify the supported automation tools for Management API.
- Given a scenario, use the appropriate automation tool to run
- 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
- List best practices and guidelines for Management and Gaia APIs.
- Identify the benefits of using the JSON argument (--format json)
- Give eg of how to use the jq utility to filter Mngmnt API output.
- Prerequisites for using Postman for Check Point Web API calls.
- Basic workflow for using Postman to send Check Pnt Web API calls.
- Scenario, config and use Postman to send Web API commands.



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2. 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 & external tools to automate object & policy creation
- Automate the creation and installation of the security policy.
- Automate the connection of the Security Gateway.
- Automate adjustments to Check Point Server Config with the Gaia API.
- Use the Management API and the Gaia API to add resources
- Use JSON scripts and jq to view objects and monitor performance.

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The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.



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