

CP-CCCSA



CHECK POINT CERTIFIED CLOUD SPECIALIST (CCCS) R81

DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
2 Days	Specialist	Check Point Cloud Guard Security	ILT/MLT	IGS

INTRODUCTION

This 2-day specialist course will provide learners with basic concepts and skills necessary to administer Check Point CloudGuard security solutions.

AUDIENCE PROFILE

Technical professionals who support, install, deploy, or administer Check Point products in Cloud Environments.

PREREQUISITES

Working knowledge of Cloud Native Deployment using Microsoft Azure and Amazon Web Services, TCP/IP Networking, and Check Point Security Products. Check Point recommends that students who wish to expand their knowledge participate in the CCSA and CCSE courses.

COURSE OBJECTIVES

After completing this course, delegates will be able to:

- Explain the nature of the cloud environment.
- Describe the five pillars of cloud architecture.
- Explain the Basics of Cloud Infrastructure.
- Explain the Basics of Cloud Automation.
- Explain Check Point Security Management and How it Applies to CloudGuard.
- Describe CloudGuard Security Gateway offerings.
- Describe Cloud Load Balancers.
- Explain CloudGuard Licensing.
- Explain the different Deployment options and architectures for CloudGuard.
- Explain how and why CloudGuard is automated.
- Describe the functions of CloudGuard that can be automated.
- Describe the tools used to automate CloudGuard.
- Explain CloudGuard Automation Requirements.
- Explain basic troubleshooting techniques specific to Check Point Security Management Servers and Security Gateways.
- Describe the steps for Troubleshooting CloudGuard Network Installation.
- Explain the tools and techniques used to troubleshoot CloudGuard Network Automation.
- Explain the need for Cloud Security Posture Management.
- Describe the posture management tools available in CloudGuard.
- Explain methods for correcting Cloud Security Posture Management issues.

MODULES

Topics

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| <ul style="list-style-type: none"> - Introduction to Cloud Security - Introducing CloudGuard - CloudGuard Architectures - CloudGuard Security Policy - CloudGuard Automation - CloudGuard Troubleshooting - Introduction to Cloud Security Posture Management | <ul style="list-style-type: none"> - Install a Security Gateway Image. - Create Virtual Networks. - Deploy Internal and External Load Balancers - Deploy a Security Gateway Using Templates. - Assign Public IP Addresses to Cloud Devices - Create Web Servers in the Cloud. - Configure North-South Traffic Policy. | <ul style="list-style-type: none"> - Configure East-West Traffic Policy and Routes. - Troubleshoot North-South Traffic Issues. - Troubleshoot East-West Traffic Issues. |
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Exercises

- Deploy a Security Management Server in the Cloud.

ASSOCIATED CERTIFICATIONS & EXAM

This course prepares delegates to write the Check Point Certified Cloud Specialist-Administrator #156-560 exam.