Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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CHECK POINT™   **Check Point Certified Cloud Specialist (CCCS)**

CODE:	LENGTH:	PRICE:
CCCS_R80.X	16 Hours (2 days)	€1,650.00

Description

Check Point Certified Cloud Specialist (CCCS)

Who Should Attend?
Technical professionals who support, install, deploy, or manage Check Point CloudGuard IaaS solutions within their security environment.
 Course Goal
Provide an understanding of the basic concepts and skills necessary to configure and deploy Check Point CloudGuard IaaS products in public cloud platforms such as Microsoft Azure, Amazon Web Services (AWS), and Google Cloud Platform.
 PrerequisitesCheck Point CCSA training/certification **Course Objectives**

- Explain cloud network functions, service models, and deployment options.
- Identify CloudGuard's primary components that protect cloud environments and datacenters.
- Understand the key elements and basic concepts of the Secure Public Cloud Blueprint.
- Describe the deployment options available for CloudGuard IaaS instances.
- Recall the general troubleshooting resources and the misconfiguration issues that impact CloudGuard deployments.
- Recognize the security policy layers and security object settings used in cloud security configurations.
- Learn how to create an adaptive Security Policy with a cloud-context aware rulebase.
- Understand the process of automating Security Policy enforcement on Security Gateways.
- Recognize the types of cloud automation resources that support adaptive security protections.
- Describe the cloud components and methods that support autoprovisioning CloudGuard instances.
- Describe the Dome9 SaaS protections available for IaaS public cloud infrastructures.
- Understand how to define users, build Security Policy, and configure system logging and alerts.
- Learn how to control network security access within public cloud environments.
- Identify the reports that find non-compliant cloud resources in public cloud accounts.
- Know which tools provide automated remediations to non-compliant cloud resources.
- Understand how to use cloud analytics to improve the visibility of a cloud account's Prepare for exam #156-315.80 at security status.

Course Topics

- Understanding Cloud Fundamentals
- Introducing CloudGuard Protections
- Deploying CloudGuard
- CloudGuard Security Policy
- Automating CloudGuard Protections
- Dome9 Security for IaaS Cloud Infrastructure

Lab Exercises

- Build secure public Azure and AWS clouds using the hub and spoke network architecture
- Deploy a Check Point Security Management server
- Configure the CloudGuard service and Security Gateway autoprovisioning operations on the Security Management Server
- Manually deploy a Security Gateway in the South hub
- Autoprovision Security Gateways in the North hub and the South hub
- Launch a web server in each spoke network
- Create a Security Policy that allows inbound traffic to the reach the hubs and web servers inside the spoke virtual networks
- Connect the CloudGuard Controller to Azure and AWS clouds and import cloud objects into the Security Policy
- Test web server connectivity
- Test security protections with the Check Me tool

Test and Certification

Exam #156-315.80

Session Dates

On request. Please <u>contact us</u>

Additional Information

This training is also available as onsite training. Please contact us to find out more.