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**Enterprise Computing Solutions - Education Services**

# TRAINING OFFERING

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# Check Point Certified Cloud Specialist (CCCS) R81.X

| CODE: | LENGTH: | PRICE: |
|---|---|---|
| CKT_CCCS_R81.X | 16 Hours (2 days) | £1,595.00 |

## Description

This 2-day course provides will help you learn basic concepts and develop skills necessary to administer Check Point CloudGuard security solutions.

## Objectives

- Explain the nature of the cloud environment
- Describe the five pillars of cloud architecture
- Explain the fundamentals of cloud infrastructure
- Explain the fundamentals 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

## Audience

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 beforehand.

## Programme

Topics:

- Introduction to Cloud Security
- Introducing CloudGuard
- CloudGuard Architectures
- CloudGuard Security Policy
- CloudGuard Automation

- CloudGuard Troubleshooting
- Introduction to Cloud Security Posture Management

Exercises:

- Deploy a Security Management Server in the cloud
- 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
- Configure East-West traffic policy and routes
- Troubleshoot North-South traffic issues
- Troubleshoot East-West traffic issues

## Follow on courses

Attend two Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master (CCSM).

Attend four Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master Elite (CCSM Elite).
Choose from the following Infinity Specialization courses:

- Check Point Certified Endpoint Specialist (CCES)
- Check Point Certified Troubleshooting Administrator (CCTA)
- Check Point Certified Automation Specialist (CCAS)
- Check Point Certified Cloud Specialist (CCCS)
- Check Point Certified MDSM Specialist (CCMS)
- Check Point Certified VSX Specialist (CCVS)
- Check Point Certified Troubleshooting Expert (CCTE)
- Check Point Certified Maestro Expert (CCME)

## Test and Certification

Prepare for exam #156-560 at www.VUE.com/checkpoint
Exam vouchers are available at an additional cost from educationteam.ecs.uk@arrow.com (0870 251 1000)
Full information on Check Point's Certification Program can be viewed at https://www.checkpoint.com/downloads/training/check-point-certification-faq.pdf

## Further Information

Please note that Check Point only offer e-kit courseware for training courses. Each delegate will be provided with an official set of e-kit courseware.

Arrow ECS are a Check Point Platinum Elite Authorised Training Company (ATC) Partner and participate in the Check Point Learning Credits (CLCs) and Partner Coop Training Program.

## Session Dates

| Date | Location | Time Zone | Language | Type | Guaranteed | PRICE |
|------|----------|-----------|----------|------|------------|-------|
| 24 Jun 2024 | Virtual Classroom | BST | English | Instructor Led Online | | £ 1,595.00 £1,435.50 |
| 09 Sep 2024 | Virtual Classroom | BST | English | Instructor Led Online | | £1,595.00 |
| 04 Nov 2024 | Virtual Classroom | GMT | English | Instructor Led Online | | £1,595.00 |

## Additional Information

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