



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

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Check Point Certified Security Administrator (CCSA) R81.20 (includes 180 days' lab access)

CODE:

CKT_CCSA_R81.XX

LENGTH:

24 Hours (3 days)

PRICE:

£1,795.00

Description

This core course covers the fundamentals needed to deploy, configure, and manage daily operations of Check Point Security Gateways and Management Software Blades that run on the Gaia operating system.

Objectives

- Describe the primary components of a Check Point Three-Tier Architecture and explain how they work together in the Check Point environment.
- Explain how communication is secured and how traffic is routed in the Check Point environment.
- Describe the basic functions of the Gaia operating system.
- Identify the basic workflow to install Security Management Server and Security Gateway for a single-domain solution.
- Create SmartConsole objects that correspond to the organization's topology for use in policies and rules.
- Identify the tools available to manage Check Point licenses and contracts, including their purpose and use.
- Identify features and capabilities that enhance the configuration and management of the Security Policy.
- Explain how policy layers affect traffic inspection.
- Articulate how Network Address Translation affects traffic.
- Describe how to configure manual and automatic Network Address Translation (NAT).
- Demonstrate an understanding of Application Control & URL Filtering and Autonomous Threat Prevention capabilities and how to configure these solutions to meet an organization's security requirements.
- Articulate how pre-shared keys and certificates can be configured to authenticate with third party and externally managed VPN Gateways.
- Describe how to analyze and interpret VPN tunnel traffic.
- Configure logging parameters.
- Use predefined and custom queries to filter log results.
- Identify how to monitor the health of supported Check Point hardware using the Gaia Portal and the command line.
- Describe the different methods for backing up Check Point system information and discuss best practices and recommendations for each method.

Audience

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

Prerequisites

Working knowledge of Unix-like and Windows operating systems and TCP/IP Networking.

Programme

Topics:

- Security Management
- SmartConsole
- Deployment
- Object Management
- Licenses and Contracts
- Policy Rule and Rulebase
- Policy Packages
- Policy Layers
- Traffic Inspection
- Network Address Translation
- Application Control
- URL Filtering
- Logging
- Snapshots
- Backup and Restore
- Gaia
- Permissions
- Policy Installation

Exercises:

- Deploying SmartConsole
- Installing a Security Management Server
- Installing a Security Gateway
- Configuring Objects in SmartConsole
- Establishing Secure Internal Communication
- Managing Administrator Access
- Managing Licenses
- Creating a Security Policy
- Configuring Order Layers
- Configuring a Shared Inline Layer

- Configuring NAT
- Integrating Security with a Unified Policy
- Elevating Security with Autonomous Threat Prevention
- Configuring a Locally Managed Site-to-Site VPN
- Elevating Traffic View
- Monitoring System States
- Maintaining the Security Environment

Follow on courses

Check Point Certified Security Expert (CCSE) R81.20

Test and Certification

Certification: Prepare for exam #156-215.81.20 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
13 May 2024	Virtual Classroom	BST	English	Instructor Led Online		£ 1,795.00 £1,525.75
03 Jun 2024	Virtual Classroom	BST	English	Instructor Led Online		£ 1,795.00 £1,615.50
24 Jun 2024	Virtual Classroom	BST	English	Instructor Led Online		£ 1,795.00 £1,615.50
08 Jul 2024	Arrow ECS London c/o Imparando	BST	English	Classroom		£1,795.00
08 Jul 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
05 Aug 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
16 Sep 2024	Arrow ECS London c/o Imparando	BST	English	Classroom		£1,795.00
16 Sep 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
30 Sep 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
28 Oct 2024	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
18 Nov 2024	Arrow ECS London c/o Imparando	GMT	English	Classroom		£1,795.00
18 Nov 2024	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
09 Dec 2024	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
02 Sep 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
09 Oct 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
20 May 2024	Virtual Classroom	BST	English	Instructor Led Online		£ 1,795.00 £1,525.75
22 Jul 2024	Virtual Classroom	BST	English	Instructor Led Online		£1,795.00
16 Dec 2024	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
04 Nov 2024	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00
02 Dec 2024	Virtual Classroom	GMT	English	Instructor Led Online		£1,795.00

Additional Information

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