Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Sie erreichen uns unter

Arrow ECS GmbH, Elsenheimerstraße 1, 80687 München

Email: training.ecs.de@arrow.com
Phone: +49 (0)89 930 99 168

Check Point Certified Security Administrator (CCSA) & Troubleshooting Administrator (CCTA) Bundle R81.20 (includes 180 days lab access)

CODE:	LÄNGE:	PREIS:
CKT_CCSACCTA_R81.20	40 Hours (5 Tage)	€3,105.00

Description

This bundle course covers the following two Check Point training courses:
Check Point Certified Security Administrator (CCSA) R81.20 (3 days) And
Check Point Certified Troubleshooting Administrator (CCTA) R81.20 (2 days)

Zielgruppe

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

- Security administrators and Check Point resellers who need to manage and monitor issues that may occur within their Security Management environment

Inhalt

Objectives CCSA:

- 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.

Exercises CCSA:

- 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

Objectives CCTA:

- Identify basic resources available to troubleshoot Check Point Security Gateways and Management Software Blades that run on the Gaia operating system.

- Discuss how to use the OSI (Open Systems Interconnection) model for problem isolation.

- Investigate and troubleshoot potential traffic flow issues.

- Monitor network activity and performance.

- Investigate and troubleshoot log collection issues.

- Investigate and troubleshoot SmartConsole issues.

- Investigate and troubleshoot Application Control and URL Filtering issues.

- Investigate and troubleshoot NAT (Network Address Translation) issues.

- Investigate and troubleshoot issues with basic Site-to-Site VPNs.

- Investigate and troubleshoot Autonomous Threat Prevention issues.

- Investigate and troubleshoot Licenses and Contracts issues.
  Exercises CCTA:

- Troubleshoot with Linux and Check Point Commands

- Collect and Analyze Interface Packet Captures

- Troubleshoot Log Communication Issues

- Troubleshoot SmartConsole

- Troubleshoot Application Control and URL Filtering

- Investigate Network Address Translation Issues

- Troubleshoot Site-to-Site VPN

- Evaluate Threat Prevention Products

- Verify Licenses

Weiterführende Kurse

Attend our CCSE+CCTE bundle course and pass their exams to automatically become a Check Point Certified Security Master (CCSM).
AND
Attend two more Infinity Specialization courses and pass their exams to automatically become a Check Point Certified Security Master Elite (CCSM Elite).

Test und Zertifizierung

This course bundle prepares you for exams #156-215.81.20 (CCSA) and #156-582 (CCTA) at www.VUE.com/checkpoint Note: Exam vouchers need to be purchased separately at additional cost.

Weitere Informationen

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 approximately 1 week prior to the start date of the course.

Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
13 May 2024	Virtual Classroom	EEST	German	Instructor Led Online	Yes	€3,105.00
01 Jul 2024	Virtual Classroom	EEST	German	Instructor Led Online		€3,105.00
23 Sep 2024	Hamburg	CEDT	German	Classroom		€3,105.00
04 Nov 2024	Virtual Classroom	GMT	German	Instructor Led Online		€3,105.00
02 Dec 2024	München	CET	German	Classroom		€3,105.00
23 Sep 2024	Virtual Classroom	CEDT	German	Instructor Led Online		€3,105.00
02 Dec 2024	Virtual Classroom	CET	German	Instructor Led Online		€3,105.00

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.