Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow Enterprise Computing Solutions Ltd, Part 1st Floor, Suite 1D/1, Central House, Otley Road, Harrogate, HG3 1UG

Email: education.ecs.baltic@arrow.com
Phone: 0870 251 1000

Check Point Certified Security Administrator (CCSA) & Troubleshooting Administrator (CCTA) Bundle R81.20

CODE:	LENGTH:	PRICE:
CKT_CCSACCTA_R81.20	40 Hours (5 days)	€4,430.00

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)

Audience

- 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

Programme

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

Follow on courses

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 and Certification

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.

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

Session Dates

On request. Please Contact Us

Additional Information

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