



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Check Point Certified Security Administrator (CCSA) R80.X (includes 180 days lab access)

CODE:	LENGTH:	PRICE:
CKT_CCSA_R80.X	24 Hours (3 days)	£1,795.00

Description

This 3-day course covers everything you need to start-up, configure and manage daily operations of Check Point Security Gateway and Management Software Blades systems on the GAiA operating system.

Goals: Learn basic concepts and develop skills necessary to administer IT security fundamental tasks.

Objectives

- Know how to perform periodic administrator tasks
- Describe the basic functions of the Gaia operating system
- Recognize SmartConsole features, functions, and tools
- Describe the Check Point Firewall infrastructure
- Understand how SmartConsole is used by administrators to grant permissions and user access
- Learn how Check Point security solutions and products work and how they protect networks
- Understand licensing and contract requirements for Check Point security products
- Describe the essential elements of a Security Policy
- Understand the Check Point policy layer concept
- Understand how to enable the Application Control and URL Filtering software blades to block access to various applications
- Describe how to configure manual and automatic NAT
- Identify tools designed to monitor data, determine threats and recognize opportunities for performance improvements
- Identify SmartEvent components used to store network activity logs and identify events
- Know how Site-to-Site and Remote Access VPN deployments and communities work
- Explain the basic concepts of ClusterXL technology and its advantages

Audience

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

Prerequisites

Working knowledge of Windows, UNIX, networking technology, the Internet and TCP/IP.

Programme

Topics:

- Security Architecture
- Admin Operations
- Deployment
- Licensing
- Gaia Portal
- Hide/Static NAT
- Firewall Basics
- Monitoring States
- ClusterXL

- Traffic Visibility
- Security Events
- Compliance Tasks
- Threat Detection
- Policy Layers
- Site-to-Site VPN
- Remote Access VPN
- User Access

Exercises:

- Identify key components and configurations
- Create and confirm administrator users for the domain
- Validate existing licenses for products installed on your network
- Create and modify Check Point Rule Base objects
- Demonstrate how to share a layer between Security Policies
- Analyze network traffic and use traffic visibility tools
- Monitor Management Server States using SmartConsole
- Demonstrate how to run specific SmartEvent reports
- Configure a SmartEvent server to monitor relevant patterns
- Configure and deploy a site-to-site VPN
- Configure and test ClusterXL with a High Availability configuration
- Understand how to use CPView to gather gateway information
- Perform periodic tasks as specified in administrator job descriptions
- Test VPN connection and analyze the tunnel traffic
- Demonstrate how to create custom reports
- Demonstrate how to configure event Alerts in SmartEvent
- Utilize various traffic visibility tools to maintain Check Point logs

Follow on courses

[Check Point Certified Security Expert \(CCSE\) R80.40](#)

Test and Certification

Prepare for exam #156-215.80 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/checkpoint-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

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)