Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Check Point Certified Security Administrator (CCSA) R81.10 (includes 180 days' lab access)

CODE:	**LENGTH:**	**PRICE:**
CKT_CCSA_R81.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 R81.10 Check Point Security Gateway and Management Software Blades systems on the GAiA operating system.

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

• Security Architecture
• Application Control
• Deployment
• Licensing
• Gaia Portal
• Hide/Static NAT
• URL Filtering
• Monitoring States
• IoT
• Traffic Visibility
• Security Events
• Threat Emulation
• Policy Layers
• Browser SmartConsole
• Infinity Threat Prevention
• User Access

Objectives

• Know how to perform periodic administrator tasks.
• Describe the basic functions of the Gaia operating system.
• Recognize SmartConsole features, functions, and tools.
• Understand how SmartConsole is used by administrators to give 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.
• Describe different Check Point Threat Prevention solutions fornetwork attacks.
• Articulate how the Intrusion Prevention System is configured, maintained and tuned.
• Understand the Infinity Threat Prevention system.
• Knowledge about Check Point's IoT Protect.

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

• Configure the Security Management Server.
• Use the WebUI to run the First Time Wizard.
• Install the Smart Console.
• Install the Alpha Gateway using the network detailed in the course topology.
• Demonstrate how the Security Management Server and Gateway communicate.
• Test SIC Status.
• Create multiple administrators and apply different roles and permissions for simultaneous administration.
• Validate existing licenses for products installed on the network.
• Create and configure host, network and group objects.
• Create a simplified Security Policy.
• Demonstrate how to use Security Zones in policy.
• Demonstrate how to share a layer between Security Polices.
• Configure Network Address Translation for server and network objects.
• Enable Identity Awareness.
• Deploy user access roles for more granular control of the security Policy.
• Generate network Traffic and use traffic visibility tools to monitor the data.
• Use SmartConsole and SmartView Monitor to view status, alerts, and block suspicious traffic.

Follow on courses

Check Point CCSE R81.X

Test and Certification

Prepare for exam #156-215.81 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 Learing 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.