Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Check Point Certified Security Expert R81.X

CODE:	LENGTH:	PRICE:
CKT_CCSE_R81.X	24 Hours (3 days)	€2,450.00

Description

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

Objectives

• Provide an overview of the upgrade service and options available.
• Explain how to perform management upgrade and migration.
• Articulate the process using CPUSE features.
• Articulate the purpose and function of Management High Availability.
• Explain Primary vs Secondary, Active vs Standby and Synchronization.
• Explain disaster recovery steps in case the primary management server becomes unavailable.
• Provide overview of Central Deployment in SmartConsole.
• Articulate an understanding of Security Gateway cluster upgrade methods.
• Explain about Multi Version Cluster (MVC) upgrades.
• Discuss Gaia Commands and how they are used.
• Explain the main processes on s and s.
• Describe how to work with scripts and SmartTasks to configure automatic actions.
• Explain the Management Data Plane Separation (MDPS)
• Explain kernel operations and traffic flow
• Articulate Dynamic and Updatable Objects in Security Gateways
• Explain the policy installation flow and files used.
• Describe the use of policy installation history.
• Explain concurrent and accelerated install policy.
• Describe an overview of APIs and ways to use and authenticate.
• Explain how to make changes in GAIA and management configuration.
• Explain how to install policy using API.
• Explain how the SecureXL acceleration technology enhances and optimizes Security Gateway performance.
• Describe how the CoreXL acceleration technology enhances and improves Security Gateway performance.
• Articulate how utilizing multiple traffic queues can make traffic handling more efficient.
• Discuss Site-to-Site VPN basics, deployment and communities.
• Describe how to analyze and interpret VPN tunnel traffic.
• Explain Link Selection and ISP Redundancy options.
• Explain tunnel management features.
• Discuss Check Point Remote Access solutions and how they differ from each other.
• Describe how client security can be provided by Remote Access .
• Explain authentication methods including machine authentication.
• Explain Multiple Entry Point (MEP).
• Discuss the Mobile Access Software Blade and how it secures communication and data exchange during remote connections.
• Describe Mobile Access deployment options.
• Discuss various features in Mobile Access like Portals, Link Translation, running Native Applications, Reverse Proxy and more.
• Explain basic concepts of Clustering and ClusterXL.
• Explain about Cluster Control Protocol (CCP) and synchronization.
• Describe advanced ClusterXL functions and modes like Load Sharing, Active-Active, VMAC mode etc.
• Discuss Cluster Correction Layer (CCL) to provide connection stickyness.
• Advanced Logs and Monitoring
• Explain how to determine if the configuration is compliant with the best practices.
• Explain how to set action items to meet the compliance.
• Discuss how SmartEvent functions to identify critical security issues.
• Describe the components of SmartEvent and their deployment options.
• Discuss how SmartEvent can assist in reporting security threats.
• Explain how to customize event definitions and set an Event Policy.

Audience

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

Prerequisites

CCSA training and certification with a working knowledge of Windows and/or UNIX, networking technology, the Internet and TCP/IP.

Programme

• Prepare for a Security Management Server Upgrade
• Upgrade the Security Management Server
• Deploy a Secondary Security Management Server
• Configure a Distributed Log Server
• Upgrade a Security Gateway from SmartConsole
• Work with the Command Line
• Use Scripts and SmartTasks
• Configure Dynamic Objects
• Monitor Traffic
• Verify Policy Installation and Status
• Work with Gaia and Management APIs
• Work with Acceleration Features
• Configure a Locally Managed Site to Site VPN
• Configure a Site to Site VPN with an Interoperable Device
• Configure Remote Access VPN
• Configure Mobile Access VPN
• Configure a High Availability Cluster
• Work with ClusterXL
• Configure Policy Compliance
• Deploy SmartEvent

Test and Certification

This course prepares for exam #156-315.81

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
15 Apr 2024	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		€2,450.00
10 Jun 2024	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		€2,450.00

Additional Information

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