

Check Point Certified Security Expert (CCSE) R82 (includes 180 days' lab access)

Duration: 3 Days Course Code: CKT_CCSE_R82

Overview:

This course provides students with the advanced knowledge, skills, and hands-on experience needed to deploy, manage, and monitor existing Quantum Security Environments. Students will learn how to deploy Management High Availability, provide advanced policy management, configure Site-to-Site VPN, provide advanced security monitoring, upgrade a Security Gateway, use Central Deployment tool to install hotfixes, perform an import of a Primary Security Management Server, and Deploy ElasticXL Cluster.

Target Audience:

- Security Engineers
- Security Analysts
- Security Consultants
- Security Architects

NIST/NICE Work Role Categories

- Implementation & Operation
- Protection & Defense

Prerequisites:

- Unix-like and/or Windows OS
- Internet Fundamentals
- Networking Fundamentals
- Networking Security
- System Administration
- TCP/IP Networking
- Text Editors in Unix-like OS
- Minimum of 6-months of practical experience with the management of a Quantum Security Environment.

Check Point Courses

- Check Point Certified Security Administrator (required)
- Check Point Deployment Administrator (suggested)

Testing and Certification

- Certification Exam: 156-315.82

Please contact us for exam voucher pricing.

Content:

Module 1: Management High Availability	<ul style="list-style-type: none">· Explain the purpose of Management High Availability.· Identify the essential elements of Management High Availability.	<ul style="list-style-type: none">· Discuss site-to-site VPN basics, deployment, and communities.· Describe how to analyze and interpret VPN tunnel traffic.· Articulate how pre-shared keys and certificates can be configured to authenticate with third-party and externally managed VPN Gateways.· Explain Link Selection and ISP Redundancy options.· Explain tunnel management features.	Module 5: Upgrades
Lab Tasks	<ul style="list-style-type: none">· Deploy and configure Management High Availability· Ensure the failover process functions as expected	<ul style="list-style-type: none">· Configure Site-to-Site VPN with internally managed Security Gateways	Lab Task
Module 2: Advanced Policy Management	<ul style="list-style-type: none">· Identify ways to enhance the Security Policy with more object types.· Create dynamic objects to make policy updatable from the Gateway.· Manually define NAT rules.· Configure Security Management behind NAT.	<ul style="list-style-type: none">· Describe the SmartEvent and Compliance Blade solutions, including their purpose and use.	Module 6: Advanced Upgrades and Migrations
Lab Tasks	<ul style="list-style-type: none">· Use Updatable Objects· Configure Network Address Translation for server and network objects· Configure Management behind NAT for Branch Office connections	<ul style="list-style-type: none">· Configure a SmartEvent Server to monitor relevant patterns and events· Demonstrate how to configure Events and Alerts in SmartEvent· Demonstrate how to run specific SmartEvent reports· Activate the Compliance Blade· Demonstrate Security Best Practice settings and alerts· Demonstrate Regulatory Requirements Compliance Scores	Lab Task
Module 3: Site-to-Site VPN			Module 7: ElasticXL Cluster
			<ul style="list-style-type: none">· Deploy an ElasticXL Security Gateway Cluster

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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