Check Point Certified Security Administrator CCSA R82

Category: Networking & Security | **Vendor:** Check Point

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Check Point Certified Security Administrator (CCSA) R82
Related Exam:	CCSA-R82

Course Overview

This course provides students with the fundamental knowledge, skills, and hands-on experience needed to configure, manage, and monitor an existing Quantum Security Environment. Students will learn how to access and navigate the Gaia Portal and the Gaia Command Line Interface, manage Administrator access, create and configure Network Objects, create new Security Policies, configure Ordered Layers and a Shared Inline Layer, elevate the traffic view and monitor system states, configure Identity Awareness, elevate security with HTTPS Inspection, configure Application Control and URL Filtering, and configure Autonomous Threat Prevention.

About This Course

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Who Should Attend

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

Prerequisites & Entry Requirements

General Prerequisites:

Base Knowledge

- Unix-like and/or Windows OS
- Internet Fundamentals
- Networking Fundamentals
- Networking Security
- System Administration
- TCP/IP Networking

Detailed Course Outline

Module 1: Introduction to Quantum Security

- Identify the primary components of the Check Point Three-Tier Architecture and explain how they work together.

Lab Tasks:

- Explore Gaia on Security Management Server
- Explore Gaia on Dedicated Log Server
- Explore Gaia on Security Gateway Cluster Members
- Connect to SmartConsole
- Navigate GATEWAYS & SERVERS Vies
- Navigate SECURITY POLICIES Views
- Navigate LOGS & EVENTS Views
- Navigate MANAGE & SETTINGS Views

Module 2: Administrator Account Management

- Explain the purpose of SmartConsole administrator accounts
- Identify features for collaboration: session management, concurrent administration, policy installation

Lab Tasks:

- Create new administrators and assign profiles

- Test administrator profile assignments

- Manage concurrent sessions

- Take over another session and verify status

Module 3: Object Management

- Explain the purpose of SmartConsole objects

- Provide examples of physical and logical objects

Lab Tasks:

- View and modify GATEWAYS & SERVERS objects

- View and modify network objects

- View and modify service objects

Module 4: Security Policy Management

- Explain the purpose of Security Policies

- Identify the essential elements of a Security Policy.

- Identify features and capabilities that enhance the configuration and management of the Security Policy.

Lab Tasks:

- Verify and modify the Security Policy.

- Install the standard Security Policy.

- Test the Security Policy.

Module 5: Policy Layers

- Demonstrate an understanding of the Check Point policy layer concept.
- Explain how layers affect traffic inspection.

Lab Tasks:

- Add an Ordered Layer
- Configure and deploy Ordered Layer rules
- Test Ordered Layer policy
- Create Inline DMZ Layer
- Test Inline DMZ Layer

Module 6: Security Operations Monitoring

- Explain the purpose of security operations monitoring
- Tune log server configuration
- Use predefined and custom queries to filter the logging results.
- Monitor the state of Check Point systems.

Lab Tasks:

- Configure log management
- Enhance rulebase view, rules, and logging
- Review logs and search for data
- Configure Monitoring Blade
- Monitor status of the systems

Module 7: Identity Awareness

- Explain the purpose of the Identity Awareness solution
- Identify the essential elements of Identity Awareness.

Lab Tasks:

- Adjust security policy for Identity Awareness
- Configure Identity Collector
- Define the user access role
- Test Identity Awareness

Module 8: HTTPS Inspection

- Explain the purpose of HTTPS Inspection solution
- Identify the essential elements of HTTPS Inspection

Lab Tasks:

- Enable HTTPS Inspection
- Adjust access control rules
- Deploy Security Gateway certificate
- Test and analyze policy with HTTPS Inspection

Module 9: Application Control and URL Filtering

- Explain the purpose of the Application Control and URL Filtering solutions

- Identify the essential elements of Application Control and URL Filtering

Lab Tasks:

- Adjust the Access Control Policy
- Create and adjust Application Control and URL
- Test and adjust the Application Control and URL Filtering Rules

Module 10: Threat Prevention Fundamentals

- Explain the purpose of the Threat Prevention solution
- Identify the essential elements of Autonomous Threat Prevention

Lab Tasks:

- Enable Autonomous Threat Prevention
- Test Autonomous Threat Prevention

🎓 Certification Path

Check Point Certified Security Administrator (CCSA) R82

Exam: CCSA-R82

Frequently Asked Questions

Q: What delivery options are available for Check Point Certified Security Administrator CCSA R82?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Check Point Certified Security Administrator CCSA R82 course helps prepare you for the Check Point Certified Security Administrator (CCSA) R82 certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the CCSA-R82 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 3-day Check Point Certified Security Administrator CCSA R82 course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Check Point Certified Security Administrator CCSA R82 training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Check Point Certified Security Administrator CCSA R82?

Yes, we provide corporate training, dedicated training, and closed classes for Check Point Certified Security Administrator CCSA R82. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Check Point Certified Security Administrator CCSA R82, Check Point Training, CCSA-R82

Q: Why choose Nexus Human for Check Point Certified Security Administrator CCSA R82?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Check Point Certified Security Administrator CCSA R82 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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