

CP-CAEFT

CHECK POINT CYBERSECURITY BOOT CAMP R81.10 (CCSA+CCSE)



DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
5 Days	Advanced	Check Point Security	ILT/MLT	CLCs

INTRODUCTION

A fast-paced five-day class. Participants will gain a comprehensive understanding of basic and advanced concepts to administer IT security fundamental and intermediate tasks.

AUDIENCE PROFILE

Technical professionals who expert users who support, administer, or perform advanced deployment configurations of Check Point Products.

PREREQUISITES

Before attending this course, delegates should have One-year experience on Check Point products. Working knowledge of Windows, UNIX, networking technology, the Internet and TCP/IP.

COURSE OBJECTIVES

Learn basic and advanced concepts and the skills necessary to administer IT security fundamental and intermediate tasks

After completing this course, delegates will be able to:

Security Administrator

- 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

Security Expert

- Articulate Gaia system management procedures.
- Understand system management procedures, including how to perform system upgrades and how to install hotfixes.
- Describe the Check Point Firewall infrastructure.
- Describe advanced methods of gathering important gateway data using CPView and CPInfo.
- Recognize how Check Point's flexible API architecture supports automation and orchestration.
- Understand how SecureXL acceleration technology is used to enhance and improve performance.

MODULES

CCSA Topics

Security Architecture
Firewall Basics
Threat Detection
Management Maintenance
The Firewall Kernel
Gaia Portal
Security Events
Hide/Static NAT
Admin Operations
Monitoring States
Policy Layers
Management Migration

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.
- Analyse network traffic and use traffic visibility tools.
- Monitor Management Server States using SmartConsole.

CCSE Topics

User-Mode Processes
Threat Emulation
User Access
Policy Automation
Licensing
Traffic Visibility Remote Access
VPN
High Availability
Gateway Redundancy
Traffic Acceleration

Traffic Acceleration
Compliance Tasks
Gateway Maintenance
Interface Acceleration

Exercises

- Upgrading a Security Management Server.
- Perform Check Point Online Jumbo Hotfixes.
- Migrate a Security Management Server.
- Configuring a New Security Gateway Cluster.
- Core CLI Elements of Firewall Administration.
- Configuring Manual Network Address Translation.
- Managing Objects Using the Check PointAPI.

ASSOCIATED CERTIFICATIONS & EXAM

This course will prepare delegates to take the Check Point Certified Admin (CCSA) exam #156-215.81 and Check Point Certified Expert (CCSE) exam #156-315.81

You will have ninety minutes to answer up to 90 questions on each exam.