

Check Point Security Administration NGX I

Check Point Security Administration NGX I Rev 1.1 is a foundation course for Check Point's flagship product, VPN-1 NGX. This course is intended to provide an understanding of basic concepts and skills necessary to configure VPN-1 NGX. During this course, students will configure a Security Policy, and learn about managing a firewalled network.

Course Contents

- Installing VPN-1 NGX in a stand-alone environment
- Launching SmartDashboard, Defining basic objects
- Configuring anti-spoofing measures, Defining basic rules
- Creating objects using object cloning, Using Database Revision Control
- Blocking intruder connections
- Setting up a Suspicious Activity Rule in SmartView Monitor
- Checking status in SmartView Monitor
- Configuring SmartDefense, Hide NAT & Static NAT
- Encryption math and mechanics
- Defining user templates, Defining users
- Configuring User Authentication & Client Authentication
- Configuring LDAP authentication with SmartDirectory
- Backing up and restoring a Security Gateway and SmartCenter Server

Target Group

- You are a systems administrator, security manager, or network engineer who manages NGX Security Gateway deployments
- Want to earn Check Point Certified Security Administrator CCSA NGX certification

Knowledge Prerequisites

Basic networking knowledge, knowledge of Windows NT and/or UNIX, and experience with TCP/IP and the Internet.

Course Objectives

This training prepares the student for the Checkpoint Certified Security Administrator NGX exam.

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Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach.de under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



3 days Pricing information on request

Course date (mm/dd/yy)/Location

Course dates available on request

Up-to-date information: www.experteach-training.com CPN1



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You will learn:

- How VPN-1 NGX components and Check Point's Secure Virtual Network Architecture protect critical information assets
- How to create rules and modify a Security Policy's properties
- How to use advanced NGX features to minimize the information-security management burden, when working with objects and rules
- How to use monitoring tools to track, monitor, and account for all connections logged by Check Point components
- How to protect organizations from known network attacks and entire categories of emerging or unknown attacks, using SmartDefense
- How to use private IP-address allocation and unregistered internal addressing schemes, to overcome IP addressing limitations
- How to identify and address NGX security issues, including encryption and Virtual Private Networks
- How to verify the identity of users logging in to NGX, using NGX authentication schemes
- How to implement LDAP, and integrate it with NGX SmartCenter Server
- How to back up critical files and directories, for availability and timely recovery of Security Gateways and SmartCenter Servers

Exercises:

- Installing VPN-1 NGX in a stand-alone environment
- Launching SmartDashboard
- Defining basic objects
- Configuring anti-spoofing measures
- Defining basic rules
- Creating objects using object cloning
- Using Database Revision Control
- Blocking intruder connections
- Setting up a Suspicious Activity Rule in SmartView Monitor
- Checking status in SmartView Monitor
- Configuring SmartDefense
- Configuring Hide NAT
- Configuring Static NAT
- Encryption math and mechanics
- Defining user templates
- Defining users
- Configuring User Authentication
- Configuring Client Authentication
- Configuring LDAP authentication with SmartDirectory
- Backing up and restoring a Security Gateway and SmartCenter Server



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Status 06/30/2010