

Check Point Security Administration NGX III

(rev 1.1)



Course Code: NGX-3

Overview

Check Point Security Administration NGX III offers comprehensive training to enhance enterprise knowledge of VPN-1 NGX, network planning, route-based VPN, and troubleshooting procedures.

Pre-Requisites

Check Point Security Administration NGX I Rev 1.1 and Check Point Security Administration NGX II Rev 1.1

Who should take this class?

- You are a systems administrator, security manager, or network engineer implementing VPN-1 NGX in an enterprise setting
- Check Point Certified Security Expert Plus NGX (CCSE Plus NGX) certification

What you will learn

- Troubleshooting NGX product problems using troubleshooting guidelines
- Using cpinfo and log files for file management
- Using protocol analyzers to capture and analyze network traffic
- Troubleshooting NGX problems using NGX debugging tools
- Using fw and fw advanced commands for troubleshooting
- Troubleshooting specific Security Server issues
- Using VPN log files and vpn debug to troubleshoot VPN connections
- Capturing traffic flow using ike debug, sr_service debug, and srfw monitor
- Identifying differences between route- and domain-based VPNs
- Identifying, debugging, and using relevant commands to troubleshoot Eventia Reporter problems

Exercises:

- Collecting configuration files from an NGX installation
- Review and analyzing cpinfo output in InfoView

- Using GuiDBedit to create services and objects, and modify an object's global properties
- Using fw logswitch to switch active and audit logs
- Using fwm logexport to export logs
- Comparing client- and server-side NAT using fw monitor
- Using fwm and cpd debugging to troubleshoot a stand-alone installation problem
- Generating and interpreting a file containing fw ctl pstat information
- Using fw stat to verify a Gateway's Policy installed status
- Using fw unloadlocal to uninstall a Security Policy
- Using fwm load to install a Policy
- Running ike debug on Gateways, and analyzing output using IKEview
- Observing IKE by running ike debug
- Running srfw monitor on a SecureClient desktop
- Configuring route-based VPNs for VPN redundancy
- Configuring dynamic routing using OSPF through VPN tunnels

Note: Table of Content available upon request (ngx3_toc.pdf)



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