

IOptions Training 2006

Check Point Security Expert Course NGX 2

2006

Course Details

- 3 Day Duration
- Location Dublin, City Centre
- Cost €1650 per candidate
- Hand-on Labs
- Suitable for anyone who manages or implements Enterprise VPN-1/Firewall-1 Gateway Deployments
- Covers official curriculum for Certified Security Expert (CCSE) NGX

Course Objectives

- Use NGX tools to install NGX on Windows Server and SecurePlatform.
- Use NGX tools to upgrade to NGX, from VPN-1/FireWall-1 NG or VPN-1 NG with Application Intelligence
- Use advanced NGX features to minimize the information-security management burden, when working with objects and rules.
- Use the commands fw monitor, fw ctl pstat and cpinfo to debug and troubleshoot NGX issues.
- Given a variety of Check Point QoS configurations, determine how to allocate bandwidth.
- Configure NGX to allow VoIP traffic to pass through a corporate Security Gateway.
- Identify different modes in ClusterXL configuration, and configure ClusterXL VPN.
- Configure a Policy Server and SecureClient Rule Base, a route-based VPN, and dynamic VPN routing.



Course Content

The course covers the following major topics

- Use NGX tools to install NGX on Windows Server and SecurePlatform
- Use NGX tools to upgrade to NGX, from VPN-1/FireWall-1 NG or VPN-1 NG with Application Intelligence
- Use advanced NGX features to minimize the information-security management burden, when working with objects and rules
- Determine whether Database Revision Control or Policy Package Management is the appropriate solution, given a variety of scenarios
- Identify the features and limitations of Management High Availability
- Use fw monitor to capture and view packets
- Use fw ctl pstat to verify the health of the NGX Security Gateway and SmartCenter Server
- Review VPN-1 debugging and troubleshooting commands, including cpinfo
- Given a variety of Check Point QoS configurations, determine how bandwidth will be allocated
- Identify situations where Low Latency Queueing and Differentiated Services are an appropriate part of a QoS solution
- Configure NGX to allow VoIP traffic to pass through a corporate Security Gateway

For information on availability or to book the next available course please contact **IOptions** on +353-1-8243772

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Lab exercises Include

- Installing VPN-1/Firewall-1
- Configuring logical servers for load balancing
- Using content security to enable Java blocking, URL filtering and anti-virus checking
- Setting up SecuRemote and SecureClient for remote-access VPNs
- Configuring two-gateway IKE encryption

Who should attend

Systems administrators, security managers, or network engineers who manage VPN-1/FireWall-1 gateway deployments and those who want to earn Check Point Certified Security Expert (CCSE) NGX certification

Pre-requisites

Check Point Security Administration NGX I, or equivalent knowledge and experience

Certification

This course meets the requirements for the CCSE NGX certification. A separate examination (not part of the course) is available for delegates who wish to have formal certification.

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