



Nokia Training and Certification

Nokia Security Administration I & II

Duration: Admin I + Admin II
Course code : NSA-1n2



NSA -1

Course description

Nokia Security Administration I (Course Version 4.8.1) is a two-day instructor-led course, which introduces security administrators to Nokia IP Security Platforms. The course provides the necessary information and hands-on experience to deploy, manage and maintain the Nokia family of IP security products. Lab exercises enable students to learn operational skills needed to effectively manage Nokia IP Security Platforms.

Who should attend?

Technical persons tasked with the support, installation, deployment or administration of Nokia security products should attend this course. This could include the following:

- System administrators
- Security staff
- Firewall administrators
- Network engineers
- Reseller support
- Installation consultants

Course objectives

Upon completing this course, participants will be able to:

- Understand Nokia IP Security Platform product offering and positioning
- Understand Nokia IP Series hardware and software architecture
- Exhibit competency in installing and configuring the Nokia IP Series in a network environment
- Be able to manage the Nokia IP Series in a secure network environment
- Manage third party software installation, upgrades, and removals such as Check Point FW-1 NGAI®
- Enable high availability through redundant firewalls

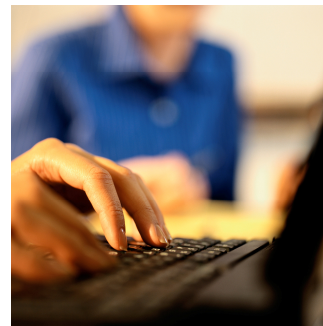
Prerequisites

Persons attending this course should have completed the Check Point Security Administrator course, as well as have a working knowledge of internetworking concepts and an understanding of TCP/IP, network addressing, and subnet masks.

They should also have knowledge of basic router concepts as they relate to Layer 3 of the OSI model, including RIPv1 and v2, and static routes. Basic knowledge of networking concepts and topologies, and an understanding of the OSI model is required.

Topics covered in the course

- Security terminology and an overview of Nokia IP Security Platforms
- Platform configuration using Nokia Network Voyager (browser-based management tool)
- Market-leading security application software available on the Nokia IP Security Platform
- How to configure FireWall-1 NGAI®
- Diagnostics
- Configuration: backup and restore
- System administration
- High availability with VRRP
- Nokia IP Series monitoring and maintenance
- Overview of Nokia Technical Support



Contact information



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NOKIA
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NSA-2

Course description

Nokia Security Administration II (Course Version 4.8.1) is a two-day instructor-led course, which offers enhanced training on the Nokia IP Security Platform for security administrators. The course provides the in-depth and the hands-on experience necessary for advanced management of the Nokia family of IP security products. Lab exercises enable students to learn comprehensive skills necessary to effectively manage and troubleshoot Nokia IP Security Platforms.

Who should attend?

Technical persons tasked with the support, installation, deployment or administration of Nokia security products should attend this course. This could include the following:

- System administrators
- Security staff
- Firewall administrators
- Network engineers
- Reseller support
- Installation consultants

Course objectives

Upon completing this course, participants will be able to:

- Exhibit competency in installing and configuring the Nokia IP series in an IP clustered environment
- Be able to manage the Nokia IP series using the command line shell
- Use troubleshooting tools and administrative procedures
- Use performance and optimization tools to maintain Nokia IP Security solutions

Prerequisites

Persons attending this course should have completed the Nokia Security Administration I course, as well as have a working knowledge of internetworking concepts and an understanding of TCP/IP, network addressing, and subnet masks.

They should also have knowledge of basic router concepts as they relate to Layer 3 of the OSI model, including RIPv1 and v2, and static routes. Intermediate knowledge of networking concepts and topologies, and an understanding of the OSI model is required.

Topics covered in the course

- Nokia IP Clustering
- Managing Nokia IP Clustering in Nokia IPSO
- Configuring Check Point NG AI® for Nokia IP Clustering
- Testing and troubleshooting Nokia IP Clustering
- CLISH (Command Line SHell)
- External Authentication methods for Nokia IPSO
- Overview of Nokia Wireless Accelerator
- Diagnosing common network problems
- Troubleshooting Check Point VPN problems in NG
- Using tcpdump to diagnose firewall problems
- Nokia IPSO diagnostic software



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