



## Course Description NMTP

### *NetScreen Management, Troubleshooting and Performance Tuning*

This two-day course focuses on advanced management and troubleshooting of NetScreen Firewall/VPN products. Through a combination of lecture and hands-on labs, students will learn to configure multiple management options for NetScreen Firewall/VPN products, including SYSLOG and SNMP. They will troubleshoot basic configuration, address translation, and VPNs using the embedded snoop and debug tools. They will be able to perform bandwidth management and allocation based on policy configuration. Finally, students will learn to configure NSRP.

### Target audience

Network engineers, support personnel, reseller support, and others responsible for management and troubleshooting of NetScreen Firewall/VPN products.

### Prerequisites

Completion of INSG or equivalent experience. Basic networking knowledge and experience in the following areas:

- Ethernet
- Transparent Bridging
- TCP/IP Operations
- IP Addressing
- Routing
- Basic IPSec VPN deployments

### Course Contents

#### Security Concepts Review

- System Architecture
- Packet data flow

#### Services and Management Tools

- Securing management access
- Configuring SNMP
- Configuring SYSLOG

#### Troubleshooting Tools

- "get" commands
- Debug
- Snoop

#### Troubleshooting Routing and Policies

- Working examples
- Broken examples

#### Troubleshooting Address Translation

- Working examples
- Broken examples



## Contents continued

### Troubleshooting VPNs

- Working examples
- Broken examples

### Traffic Management

- Priority queuing
- Bandwidth allocation

### NSRP

- Operations
- Active/Passive configuration
- Tuning NSRP behavior