

4 - Clientless VPNs – Secure Network Extender

Objectives

- Know how to enable SNX support on the Firewall
- Know how to set SNX Global properties
- Know how to configure clientless VPNs
- Know how to control access for Clientless VPN users
- Know how to use user Certificate Authentication with SNX

Prerequisites

- Complete Module 3 RemoteAccess VPNs

Approximate time for completing each section

Section 1	SSL Network Extender	20 minutes
Section 2	Configuring Clientless VPNs	45 minutes
	Total	1 Hr 5 Min

Contents

1	SSL Network Extender	3
1.1	SSL Network Extender	3
1.1.1	Network Extender License Requirements	3
1.1.2	How SSL Network Extender Works	3
1.2	Configuration Requirements	3
1.2.1	Enable Gateway for Clientless VPNS	3
1.2.2	Users & Groups for Authentication	4
1.2.3	SSL Authentication and Encryption Options	4
1.2.4	Remote Access VPN rule	4
1.2.5	Supported Platforms and Web Browsers	5
2	Configuring Clientless VPNS	6
2.1	SSL Network Extender	6
2.1.1	Check the Clientless Global Properties Settings	6
2.1.2	Gateway Properties	6
2.1.3	Check the Security Rules	6
2.1.4	SNX and SecureClient on the same Desktop	6
2.1.5	Check that the 'vpnd' is running on port 443	7
2.2	Testing SSL Network Extender	7
2.2.1	Connecting to the Gateway – Authentication	7
2.2.2	Thin client Download and Install	8
2.2.3	Connecting to Internal Networks	9
2.2.4	User Certificate Authentication with SNX	10