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Aventail AutoSOCKS

ADMINISTRATION & USER'S GUIDE

AVENTAIL

Next Generation Security Systems

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Aventail AutoSOCKS v2.1 *Administration and User's Guide*

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Introduction

Welcome to the AutoSOCKS™ v2.1 secure Windows client for 16- and 32-bit Windows applications. AutoSOCKS v2.1 is the first commercial application to incorporate the SOCKS v5 security protocol standard, simplifying SOCKS deployment for end users and network managers.

AutoSOCKS transparently intercepts WinSock communication requests issued by TCP/IP applications and processes them based upon a set of routing directives (rules) assigned when AutoSOCKS is configured. (For more information about WinSock, TCP/IP, and general network communications, see "Getting Started.")

On larger networks, AutoSOCKS can address multiple SOCKS v5 servers based on end destination and type of service. This feature enables network administrators to effectively monitor and direct network traffic.

Features of AutoSOCKS v2.1:

- Supports both SOCKS v4 and SOCKS v5 standards
- Supports RFC1928 and RFC1929 SOCKS v5 standards
- Network-based setup provides a single configuration point with a simple user interface
- Transparently route connections from Windows applications to external networks through any SOCKS-based firewall system
- Logging utility to troubleshoot problems with network connections
- Enables internal network connections to pass through without interference
- Enables network redirection through multiple SOCKS servers
- Supports multiple authentication methods including SOCKS v4 Identification, username/password, CHAP, and SSL 3.0. Other authentication modules can be added
- Supports 16-bit WinSock 1.1 applications under Windows 3.1 and Windows for Workgroups 3.11
- Supports both 16- and 32-bit applications under Windows 95, Windows NT 3.51, and Windows NT 4.0
- Provides automated installation and uninstallation
- WinSock interoperability tested at Stardust WinSock Labs

About This Document

The AutoSOCKS v2.1 *Administration and User's Guide* provides basic information about AutoSOCKS v2.1. It is designed to include entry-level data for non-technical users as well as more advanced installation, setup, and configuration information for network administrators.

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