Netskope One SOCKS5 Proxy

SOCKet Secure proxy performance and flexibility

Secure file transfers, streaming, and high-traffic activities with SOCKS5 proxy flexibility and performance for multiple protocols and ports including FTP, SFTP, FTPS, and Telnet. Securely route TCP-based traffic from clients or tunnels to the Netskope One platform.
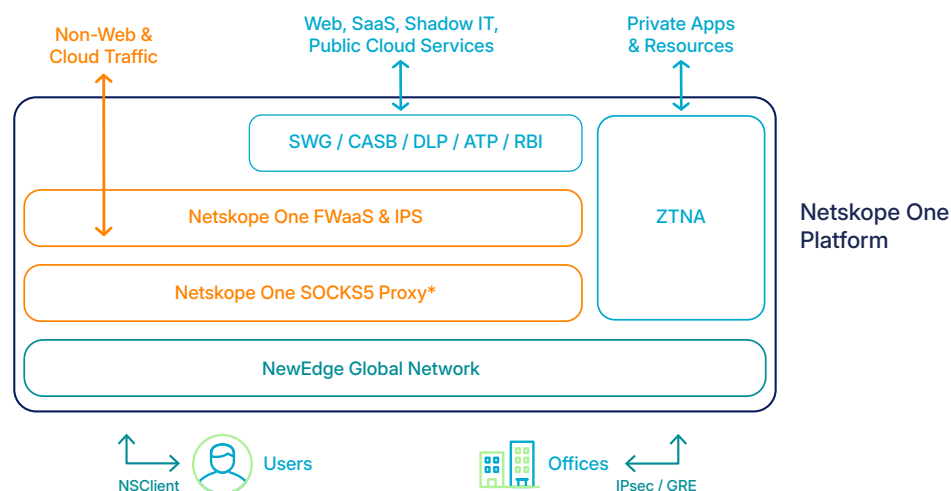
Why is Netskope the best choice?

Consolidate security controls into one platform, console, policy engine, and global network with Netskope One. While web traffic and SaaS use HTTP/S proxy inspection, for non-web traffic, firewall as a service (FWaaS) provides the option of a SOCKS5 proxy to secure data movement over TCP for multiple protocols and ports.

Key Capabilities and Use Cases:

Enhance network flexibility, strengthen security, and improve traffic visibility and control

- **Proxy non-web TCP-based traffic** for multiple protocols and ports of high-traffic activities including data transfers and streaming content.

- **Protect highly controlled network environments** with proxy control and visibility for data movement of non-web traffic including FTP, SFTP, FTPS, Telnet, and more.

- **Content inspection** for threat protection and data security (FTP only), plus application usage control with inline real-time policies.

- **Consolidate SOCKS5 and HTTP/S proxies** into one platform, console, policy engine, and global network with traffic steering from clients or IPsec and GRE tunnels.

Key Capabilities:

SOCKS5 proxy listener for incoming connections from Netskope clients or tunnels with firewall as a service (FWaaS) as a prerequisite. Per user or data volume licensing options.

DNS resolution for server destinations, compatible with IP addresses and FQDNs with internal DNS used for FQDN resolution.

Multi-protocol with support for all TCP-based protocols over standard and non-standard ports including FTP, SFTP, FTPS, Telnet, etc.

Inline real-time policies are enforced on SOCKS5 traffic including threat and data protection, plus event logging and alerting are fully supported.
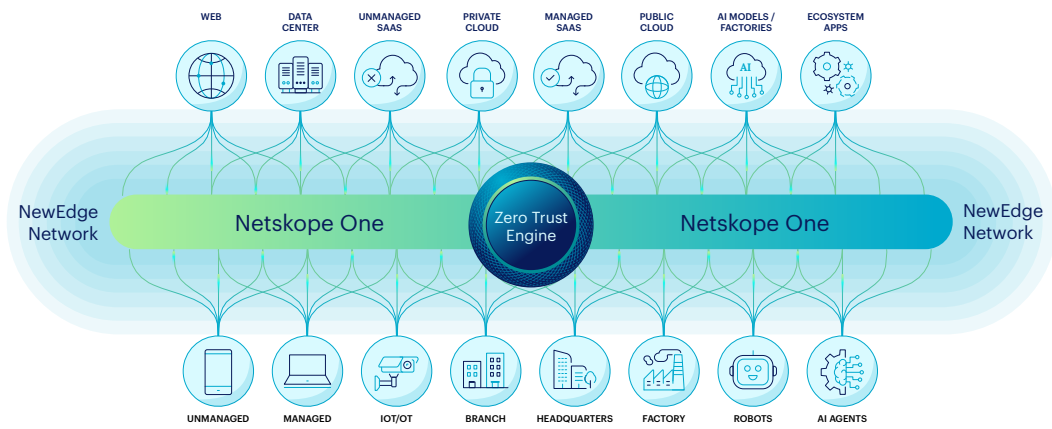
Authentication is not required, no username or passwords. Plus, the proxy benefit of hiding internal IP addresses.

"SOCKS proxies are valued for their speed and simplicity, ideal for tasks like downloading, transferring, and uploading data."

– *Data Journal* – August 2024

Non-Web & Cloud Traffic | **Web, SaaS, Shadow IT, Public Cloud Services** | **Private Apps & Resources**

SWG / CASB / DLP / ATP / RBI

Netskope One FWaaS & IPS

Netskope One SOCKS5 Proxy*

ZTNA

NewEdge Global Network

Netskope One Platform

Users — NSClient

Offices — IPsec / GRE

netskope

The Netskope Difference

Netskope One is a modern, converged platform delivering security, network, and analytics services. Through its patented Zero Trust Engine, AI innovation, and NewEdge Network, one of the industry's largest and most performant private security clouds, we make it easy for our customers to defend their business and data from threats while delivering a phenomenal end-user experience.

FEATURE	CAPABILITY
Multi-protocol	SOCKS5 proxy supports multiple protocols including FTP, SFTP, FTPS, Telnet, etc.
Multiple Ports	Supports TCP traffic across standard and non-standard ports.
All Access Methods	Supports all FWaaS access methods including clients and IPsec or GRE tunnels.
No Authentication	No usernames or passwords are required, visibility and control with inline policies.
Per User or Data Licensing	Entitlement by user per year or by data volume for server and machine traffic.
One Platform	Consolidate SWG, CASB, FWaaS, DNS security, and SOCKS5 in one platform, console, policy, and global network.