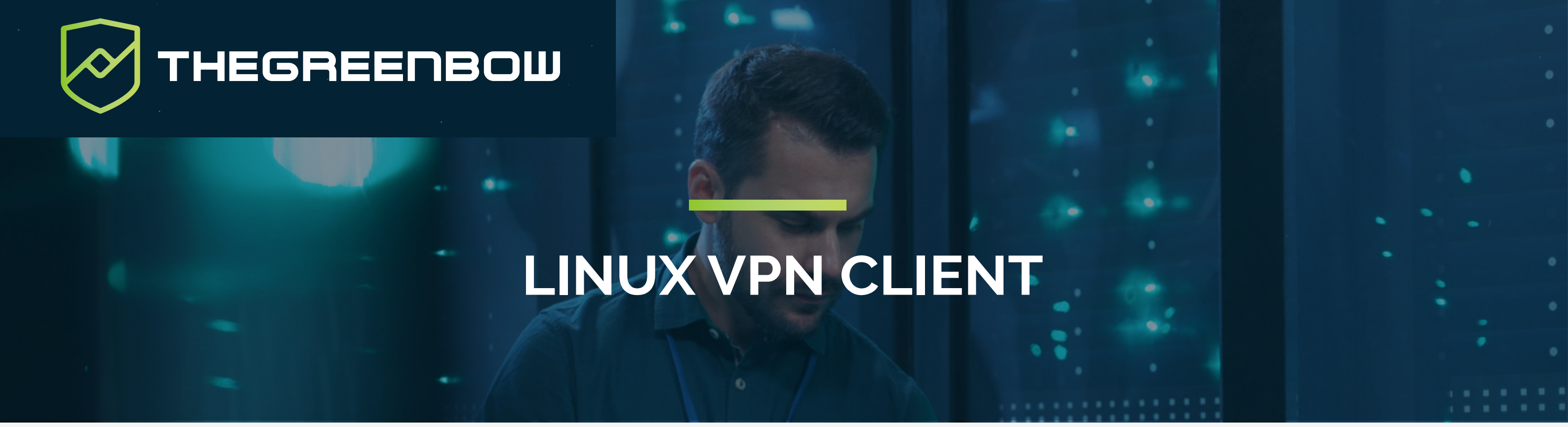


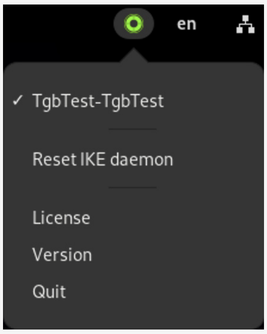
LINUX VPN CLIENT

The trusted VPN client for all organizations

The Linux VPN Client not only offers a simple and effective user interface, it also includes a network/IPsec driver as well as an IKE module entirely developed in-house by TheGreenBow. It is easy to deploy and integrate into an existing infrastructure, making it an ideal solution for telecommuting administrators. The Linux VPN Client also meets the requirements for secure remote communications in major organizations, critical market operators, operators of essential services, and public administrations.

High level security

The Linux VPN Client has been developed according to recommendations from NIST and ANSSI. It takes into consideration the authentication functions that are available in the information system, and thus is compatible with most existing PKIs.
For even stronger authentication, it supports certificates on tokens and smart cards.
As it is interoperable and universal, the client connects to any firewall and any IKEv2 VPN gateway available on the market, regardless of whether it is software or hardware-based, including those that support the IPsec Restricted repository.



Easy to install

The software can easily be installed from the command line on any Red Hat (by extension AlmaLinux) or Ubuntu (by extension Debian) workstation. The Linux VPN Client is compatible with VPN configurations generated for the Windows VPN Client, and supports numerous options, choices of algorithms, and PKI functions.

Red Hat   ubuntu

Simple to use

The Linux VPN Client provides both a command-line interface and a simple graphical user interface that lets your users establish secure connections to your information system.
It can be integrated into the Linux notification area, providing users with a direct view of the status of their VPN connection to ensure that their communications are properly protected.

TECHNICAL DATA

Protocols	• IPsec: IKEv2 • Network: IPv4, NAT-Traversal, IKE fragmentation
Authentication	• Strong user authentication: EAP, PSK, certificates, tokens and smart cards • X.509 certificate management: DER/PEM; PFX/P12 • Supports the PKCS#11 API for tokens and smart cards
Cryptography	• DH 14-21, DH 28, AES-GCM, AES-CTR (128/196/256), SHA-2 (256/384/512) • Extended Sequence Number [RFC 4304] • Authentication methods: Method 1: RSA Digital Signature with SHA-2 [RFC 7296] Methods 9-11: ECDSA “secp” with SHA-256 [RFC 4754] Method 14: RSASSA-PKCS1-v1_5, RSASSA-PSS [RFC 7427] Method 214: ECDSA “BrainpoolP256r1” with SHA-2
System requirements	• RAM: 2 GB • Linux distribution: Red Hat EL 9 Ubuntu 22.04 (Kernel 5.15) • Intel 1 GHz processor • 40 MB of available disk space

Main features

- Compatible with gateways that support the IPsec Restricted repository
- Support for tokens and smart cards
- Control interface in the notification area
- Activate licenses online or using TheGreenBow Activation Server (TAS)
- Advanced tunnel management: full tunneling, split tunneling
- Service continuity: Dead Peer Detection (DPD), redundant gateway
- System and administrator logs

THEGREENBOW