

TheGreenBow Linux VPN Client

Release Note 2.0.1

TheGreenBow Linux VPN Client Release Note

This Release Note details the features, improvements and fixes of release 2.0.1

TheGreenBow Linux VPN Client 2.0.1 build 006

- Feature: builds now available for Ubuntu 20.04 and CentOS/Red Hat 8 64-bit
- BugFix: all Windows, Mac and Linux style new line characters (CR/LF) are now supported in vpnsetup.ini for license activation

TheGreenBow Linux VPN Client 2.0.1 build 005

Features of the first Linux 2.0 release:

- IPsec network driver and IKE module developed by TheGreenBow
- IPsec driver integrated in kernel mode
- Support for the IKEv2 protocol
- Full implementation of the IPsec IKE v2 protocol
- Encryption : AES CBC, AES CTR, AES GCM 128/192/256
- Hash : SHA2 256/384/512
- Diffie-Hellman Group : 14-20
- Support for X.509 certificates: PEM, PFX, PKCS #12
- Authentication : pre-shares key, certificates, EAP, double authentication (certificate + EAP)
- Certificate authentication :
 - method 1 : RSA Digital Signature [RFC7296]
 - method 9 : ECDSA with SHA-256 [RFC4754]
 - method 14 : Digital Signature Authentication RSA [RFC74]
- IP Fragmentation
- All traffic within the tunnel
- Dead Peer Detection (DPD)
- Redundant gateway
- Mode CP
- Automatic negotiation of algorithms with the gateway
- IKE Fragmentation
- Automatic NAT-Traversal
- Remote ID, Local ID
- Import of VPN security policies from the Windows and macOS TheGreenBow VPN Clients
- Silent install
- Command-line and user interface (systray)
- License activation
- Support of syslog protocol and format
- Available for Ubuntu 20.04 64 bits
- Ubuntu only : Integration in the Ubuntu system menu (systray)