

JetBox VPN Specification

Applied models:

- JetBox 9500 series
- JetBox 9400 series
- JetBox 5400 series
- JetCard 5400

VPN specifications:

- VPN Protocols: IPSec, PPTP, L2TP, SSL/TLS
- Encryption algorithms: Hardware-Based DES/3DES/AES (key length up to 256 bits)
- Authentication:
 - Pre-shared key (PSK)
 - X.509 PKI certificates
- Hashing algorithms: MD5, SHA-1
- NAT-T support (IPSec NAT transparency)
- LAN-to-LAN, Teleworker-to-LAN

VPN Protocols	IPSec	SSL/TLS	L2TP	PPTP
VPN software	OpenSwan	OpenVPN	RP L2TP	PopTop
Reference website	http://www.openswan.org/	http://openvpn.net/index.php/open-source.html	http://sourceforge.net/projects/rp-l2tp/	http://www.poptop.org/
Hashing algorithms	HW-based MD5, SHA-1	HW-based MD5, SHA-1	CHAP, MS-CHAP, PAP	CHAP, MS-CHAP, PAP
Authentication	PSK, X.509 PKI certificates	PSK, X.509 PKI certificates		
Encryption algorithms	AES/DES/3DES	AES/DES/3DES	Need IPSec	MPPE
NAT-T	YES	YES	YES	YES

Suggestions in using VPN:

- ipsec VPN
 - Used in Site-to-Site VPN
 - Used in communication with other routers
- Openvpn
 - Used in remote monitoring
 - Used in the communication through mobile network (3G/HSUPA)
- pptp or l2tp
 - Used in communication with the device with windows OS