Latest firmware 2.53.d40 10.04.2019
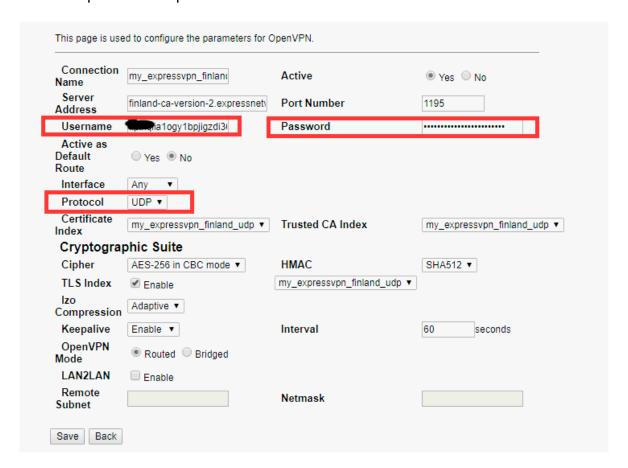
Release Note:

-Add Express VPN support via oven config upload and then just enable system

If openVPN in use THEN choose WAN interface in Default route are if Load balance in use.

"INTERFACE"

Finland OpenVPN - express VPN works with these defaults

This page is used to configure the parameters for OpenVPN.

Connection Name	my_expressvpn_finlan(	Active	● Yes ○ No
Server Address	finland-ca-version-2.expressnet|	Port Number	1195
Username	ia1ogy1bpjigzdi3(	Password	....
Active as Default Route	○ Yes ● No		
Interface	Any ▼		
Protocol	UDP ▼		
Certificate Index	my_expressvpn_finland_udp ▼	Trusted CA Index	my_expressvpn_finland_udp ▼

Cryptographic Suite

Cipher	AES-256 in CBC mode ▼	HMAC	SHA512 ▼
TLS Index	☑ Enable		my_expressvpn_finland_udp ▼
Izo Compression	Adaptive ▼		
Keepalive	Enable ▼	Interval	60 seconds
OpenVPN Mode	● Routed ○ Bridged		
LAN2LAN	☐ Enable		
Remote Subnet		Netmask	

Save Back

2.53.d39

1. Support GRE-TAP mode and can bind with BrX group. (Please refer to the

attached guide on detail.)
2. Support OpenVPN bridge mode can bind with BrX group.
3. Support system log show messages on OpenVPN.
4. Support Status on OpenVPN tunnel connected.
5. Support full delete on OpenVPN client and include CA in Management>Certificate Management.
6. Fixed NAT loopback issue with Any interface.
7. Fixed ExpressVPN connection drop issue.
8. Fixed dy.fi update issue in multi interfaces.

Release Note: Patch09 in 2.53.d37:

1. Patch 09 integration.(Detailed information is on Patch09_2.53.d37.txt)
2. Add Load balance support IP-based and Session-based policy. (The default on enable is IP-based. For Bank login issue, please use IP-based. If you want to try speedtest, please use session-based.)
3. Add OpenVPN bridge mode.
4. Add Wifi time schedule.
5. Fixed DDNS-dy.fi update issue.
6. Fixed OpenVPN support issue.
7. Fixed CVE-2017-14491 on Avast issue.

Changes

- Enhance L2TP thoroughput
- Update IPQoS: use ifb to replace imq
- Add PTM WAN Upstream Traffic Control
- Add HW IPv6 routing
- Add HW VLAN passthru support
- Add WIFI RF DPK parameter support
- Fix PPP stats
- Fix HWANT when napt is not applied
- Fix potential security risk by blocking unauthorized access against CPE on wan side
- fixes the problem that NIC RX sometimes hang when system memory is not enough and LAN rx burst traffic occur.
- fixes the problem that ASIC may remove packet°¶s vlan tag unexpectedly while ASIC direct tx with L34 checksum offload.
- fixes libgcc_s is needed for pthread
- AddLinux kernel 3.18 scheduler patch

WIFI Driver V3.6.6 2018-08-16

1. Update and refine Mesh / Smart Roaming Feature

2. Refine multicast to unicast feature
3. Fix the DMA map number don't match with unmap number
4. Fix TxDMA error for dzqueue when amsdu enable
5. Fix compile errors for some specific configurations