

Firmware 6.2 Open Beta-1 Release Notes

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1. Devices Supported

This firmware release supports the following devices:

Peplink Balance	Pepwave MAX	Pepwave Surf
20 / 30 / 30 LTE / 50	On-The-Go	SOHO
One	BR1 / BR2	
210 / 310	700	
305 / 380 / 580 / 710 / 1350	HD2 / HD2 IP67 / HD2 mini*	
2500	HD4	

*All HD2 variants are covered under "HD2" in the "Devices Supported" fields

2. Important Notice

Layer 2 PepVPN is now easier to use and more flexible. However, PepVPN profiles created using Firmware 6.1 or below will need to be reconfigured in order to work in Firmware 6.2. Please follow the instructions from this link:

<http://www.peplink.com/knowledgebase/setting-up-a-layer-2-pepvpn-profile-in-firmware-6-2/>

3. Obtaining the Firmware

Firmware 6.2 Beta can be obtained here: <http://www.peplink.com/open-beta-program/>

4. New Features

Feature	Description	Device Supported
Multi-Site PepVPN Profile	<p>WebUI: With a single click, form PepVPN / SpeedFusion connections with thousands of remote sites using the same ID and preshared key. No further configuration necessary.</p> <p>Navigation: Network > Interfaces > SpeedFusion</p>	Balance: 305, 380+
PepVPN Layer 2 Peer Isolation	<p>PepVPN: Isolate different clients connected to the same L2 PepVPN broadcast domain. Each device will see only themselves and headquarters.</p> <p>Navigation: Network > LAN > (?) Enable VLAN > Click LAN > (?) Enable Layer-2 bridging based PepVPN</p>	All Balance / MAX / Surf models
Configurable Traffic Direction	<p>PepVPN: Assign any link in a PepVPN tunnel to be upload only, download only, or both ways.</p> <p>Navigation: Network > SpeedFusion > Click Profile > WAN Connection Priority > (?) Enable Asymmetric Connection</p>	All Balance / MAX / Surf models

5. Feature Improvements

Reference no.	Improvement	Device Supported
8611	<p>PepVPN: PepVPN profiles can now be configured to connect profiles on a first-come, first-served basis when the number of created profiles exceeds the number of profiles supported.</p>	All Balance / MAX / Surf models
9762	<p>PepVPN: Ability to designate a TCP listening port for PepVPN, accepting incoming handshakes.</p>	All Balance / MAX / Surf models
10084	<p>PepVPN: Layer 2 PepVPN is now compatible with VLAN on LAN. Options located under Network > LAN > IP Settings > Help Button.</p>	All Balance / MAX / Surf models
10501	<p>Web UI: For easier access, the PepVPN Test and Analyzer is now located under Status > PepVPN (or Status > SpeedFusion for devices supporting SpeedFusion).</p>	All Balance / MAX / Surf models

6. Resolved Issues

Reference no.	Symptom	Devices Affected
9809	PepVPN: PepVPN Analyzer does not work with WAN Connection Mapping	All Balance / MAX / Surf models
10943	PepVPN: Upon changing the X.509 certificate on an established PepVPN connection, the connection will not stop and reconnect as expected.	Balance: 20*, 30*, 30 LTE*, 50*, One*, 210, 310, 305, 380+ MAX: 700, OTG [^] , BR1*, BR2, HD2, HD4, * Feature available if activated ^ MAX-OTG-UF-SF
11291	AP Controller: Balance units may not be able to download AP firmware packs.	Balance: 580 HW2, 2500

7. Known Issues

Reference no.	Symptom	Devices Affected
10707	Mobile App: The current version of the Router Utility will not be able to read PepVPN status of devices running Firmware 6.2.	All Balance / MAX / Surf models
10919	Routing: The active sessions of LAN VLAN hosts will not show up in the "Status"->"Active Session" page.	All Balance / MAX / Surf models
10951	Captive Portal: The Captive Portal persists even after Layer 2 VPN has been established.	All Balance models MAX: BR1, BR2, 700, HD2, HD4
10955	Notifications: Email notifications cannot be sent through PepVPN.	All Balance / MAX / Surf models

Reference no.	Symptom	Devices Affected
11046	Web UI: The PepVPN throughput graph shows incorrect information while the PepVPN analyzer is running.	All Balance / MAX / Surf models
11176	PepVPN: Using Bonjour Forwarding over PepVPN is not supported.	All Balance / MAX / Surf models
11262	Routing: RADIUS authentication does not function.	All Balance / MAX / Surf models

8. Report a Bug

To report a bug, please open a support ticket at <http://cs.peplink.com/contact/support/>. For the latest development news, take a look at our forums: <https://forum.peplink.com/>.