

Firmware 6.3.2 Release Notes

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Contents

1. Devices Supported
2. Important Notices
3. Obtaining the Firmware
4. New Features
5. Feature Improvements
6. Resolved Issues
7. Known Issues
8. Report a Bug

1. Devices Supported

This firmware release supports the following devices:

Peplink Balance:	20 / 30 / 30 LTE / 50 / One / 210 / 310 / 305 / 380 / 580 / 710 / 1350 / 2500
Pepwave MAX:	On-The-Go / BR1* / BR1 ENT / BR2+ / 700 / HD2 / HD2 IP67 / HD2 mini / HD4 Transit
Pepwave Surf:	SOHO
MediaFast:	200 / 500 / 750 / HD2^ / HD4^

^ Full names = HD2 with MediaFast, HD4 with MediaFast.

* The BR1 IP55 and BR1 Slim are also included in this designation.

+ The BR2 IP55 is also included in this designation.

2. Important Notices

Firmware Downgrade is Unavailable for the HD4: Please note that once 6.3.2 is installed on the MAX HD4, it will not be possible to downgrade to Firmware 6.3.1 or below. Dual-boot with older Firmware will still function, but each Firmware slot will not accept earlier Firmwares once it contains 6.3.2 or above.

UI Change for OSPF & RIPv2 Route Advertisement: We have updated the page for configuring OSPF & RIPv2 route advertisements. If you have previously customized OSPF & RIPv2 settings, please go in and review route advertisement settings after firmware upgrade.

Firmware Downgrade is Unavailable for the Balance One: Please note that once 6.3.2 is installed on the Balance One, it will not be possible to downgrade to Firmware 6.3.0 or below. Dual-boot with older Firmware will still function, but each Firmware slot will not accept earlier Firmwares once it contains 6.3.1 or above.

Upgrade APs to AP Firmware 3.5.2 or Later Before Upgrading Balance and MAX devices to 6.2.2 or above: When running Balance and MAX Firmware 6.2.2 or above, Peplink routers will be unable to upgrade APs running 3.5.0 or below using upgrade packs. If you are using a Peplink router to manage APs running 3.5.0 or below, please upgrade APs to Firmware 3.5.2 or later before upgrading your Peplink router.

3. Obtaining the Firmware

Firmware 6.3.2 can be obtained here: <http://www.peplink.com/open-beta-program/>

4. New Features

Reference:	Feature	Devices Supported
14181	[PepVPN] Port forwarding support for PepVPN NAT Mode clients More info	Balance: ALL MAX: ALL MediaFast: ALL Surf: SOHO
14182	The router's built-in AP can be scheduled to turn on and off.	Balance: One MAX: 700, OTG, BR1, BR2, HD2, HD4, Transit MediaFast: HD2, HD4, 200 Surf: Soho
14040	[Captive Portal] Support for HotspotSystem Wi-Fi management tool.	Balance: ALL MAX: BR1, BR2, 700, HD2, HD4 MediaFast: ALL
14739	[Interfaces] HD4 now supports additional 3 LAN ports as WAN.	MAX: HD4

5. Feature Improvements

Reference:	Feature	Devices Supported
10118	Improved IPsec stability for connecting to IPsec gateways from other vendors.	Balance: ALL MAX: ALL MediaFast: ALL Surf: SOHO
14149	DDNS updates support private IP address rather than the automatically detected IP.	
14240	[PepVPN] Support for Layer 3 Remote Network Isolation (Navigation: Network > OSPF & RIPv2 > Route Advertisement > Network Advertising)	
14876	[OSPF] Support for OSPF advertising for non-Ethernet WAN networks.	
14735	[Compliance] TLS v1.2 support for all devices	

14632	[Captive Portal] Added option to the show quota status to clients after a successful login.	Balance: ALL MAX: BR1, BR2, 700, HD2, HD4 MediaFast: ALL
13816	[Captive Portal] Per-client bandwidth control implemented for RADIUS connections.	
14336	[Content Filtering] New category for the blacklist database: audio-video.	Balance: All models except the Balance 20 MAX: ALL MediaFast: ALL Surf: SOHO
13802	[Content Filtering] Downloadable list of all the domains that will be blocked by the router.	
14464	[Content Filtering] Blocked pages now redirect to a landing page.	
14153	[MediaFast] Regular health checks are performed on the caching engine when caching is enabled.	MediaFast: ALL
14137	[MediaFast] Bandwidth limits can now be applied to prefetching to control bandwidth consumption.	

6. Resolved Issues

Reference:	Feature	Devices Affected
14095	LAN ports reset in response to unrelated configuration changes.	Balance: ALL MAX: ALL MediaFast: ALL Surf: SOHO
14302	The ping tool (Navigation: Tools > Ping) supports IPSec connections.	
13830	When using a custom port-based VLAN trunk, the untagged LAN cannot connect.	
14601	SIP RTP does not work with inter-VLAN routing, two-way audio does not function.	
14089	Disabled ports do not work even after they have been re-enabled.	
14850	[WebUI] When drop-in mode is enabled, no IP addresses will be shown on the WAN configuration page.	
14210	[PepVPN] The LAN MAC address may change when a Layer 2 PepVPN connects or disconnects.	
14838	[PepVPN] When performing port forwarding to servers located at remote PepVPN sites, the source IP address of incoming packets will be incorrectly translated to PepVPN virtual IP address.	
14172	[Surf SOHO] Packets are improperly tagged as VLAN 0.	Surf: SOHO (HW2) Instructions for finding your hardware revision
14427	[Surf SOHO] When VLANs are assigned by a DHCP server, and when the LAN Port Type is set as "Trunk, VLAN Any", client devices will always get the untagged VLAN.	

14080	[Surf SOHO] When a port-specific VLAN has been disabled, packets will still enter through the untagged VLAN IP.	
14035	[Previous HW Balance] LACP 802.3ad link aggregation does not work.	Balance: 305 (HW1), 380 (HW3-5), 580 (HW1), 710 (HW1-2), 1350 (HW1) Instructions for finding your hardware revision
14646	[Previous HW Balance] Device fails to connect to InControl 2.	
13167	[PepVPN] SpeedFusion WAN Smoothing does not function as well if QoS is enabled	Balance: One*, 210, 310, 305*, 380, 580, 710, 1350, 2500 MAX: 700, Transit*, HD2, HD2 Mini, HD2 IP67, HD4 MediaFast: ALL* *Software license required to activate
14415	[AP Controller] Local AP 802.11ac clients are recognized as 802.11a/n.	Balance: ALL MAX: 700, HD2, HD2 Mini, HD2 IP67, Transit, HD4 MediaFast: ALL
14288	[AP Controller] The AP controller is unable to download firmware packs due to insufficient memory.	
14920	[AP Controller] When upgrading from 6.2.x to 6.3.x, single-band SSID configurations will be changed to dual-band configurations.	
14937	[AP Controller] Setting the AP Controller to default disables it and resets the configuration after pressing "Save" & rebooting.	
14972	[AP Controller] Clients connected to the AP controller's DHCP server will receive different IP addresses upon client reset.	
14582	[Captive Portal] Clients connected by RADIUS are unable to reach the Web admin page.	Balance: ALL MAX: BR1, BR2, 700, HD2, HD4 MediaFast: ALL
14306	[Content Filtering] Web blocking category configuration fails to apply upon a reboot or firmware upgrade.	Balance: All models except the Balance 20 MAX: ALL MediaFast: ALL Surf: SOHO
14423	[MediaFast] Windows clients will encounter an error when attempting a Windows update.	MediaFast: All
14970	[QoS] Group bandwidth Reservation doesn't work after disabling and re-enabling it.	Balance: ALL MAX: 700, Transit, HD2, HD2 Mini, HD2 IP67, HD4 MediaFast: ALL

7. Known Issues

Reference:	Feature	Devices Affected
14069	[PepVPN] PepVPN NAT Mode clients disappear from Client List when there is no client usage.	Balance: ALL MAX: ALL MediaFast: ALL Surf: SOHO
13939	[Content Filtering] The content filter is unable to block BitTorrent Traffic.	Balance: All models except the Balance 20 MAX: ALL MediaFast: ALL Surf: SOHO
8512	[Captive Portal] In the LAN settings, switching from Advanced mode to Simple mode under does not disable the Captive Portal.	Balance: ALL MAX: BR1, BR2, 700, HD2, HD4 MediaFast: ALL
13842	[Captive Portal] Existing downloads do not terminate after the bandwidth quota has been reached.	
11950	[Captive Portal] Actual time allowed for web browsing is less than the value assigned by the time quota.	
10270	[MediaFast] Sum of clients' reported hourly usage is different from that of WAN usage.	MediaFast: ALL
10806	[MediaFast] Web blocking does not function when MediaFast is enabled.	

8. Report a Bug

To report a bug, please open a support ticket at <https://contact.peplink.com/secure/create-support-ticket.html>.

For the latest development news, take a look at our forums: <https://forum.peplink.com/>.