Firmware 8.1.3 Beta 1 Release Notes

Release Date: Jul 2, 2021

Devices Supported

This firmware release supports the following devices:

X Series	EPX / SDX Pro / SDX / PDX / MBX / 580X / 380X / 310X / 20X
Balance	20X / 20 / 30 / 30 LTE / 30 Pro / 50 / One / Two / 210 / 310 / 310 Fiber 5G / 310 5G / 310X / 305 HW2 / 380 HW6 / 580 HW2-3 / 710 HW3 / 1350 HW2 / 2500
MAX	BR1 MK2 / BR1 HW2-3 / BR1 Slim / BR1 Mini / BR1 M2M / BR1 ENT / BR1 ESN / BR1 PRO / BR1 IP67 / BR2 / BR1 IP55 HW2-4 / BR2 IP55 HW2-3 / HD2 / HD2 IP67 / HD2 Mini / HD1 Dome / HD2 Dome / HD4 / HD4 IP67 / Transit (4G) / Transit Duo / Transit Mini / Hotspot / On-The-Go HW2 / 700
UBR	UBR LTE
Surf	SOHO HW2 / SOHO MK3
MediaFast	200 / 500 / 750 / HD2 / HD4
SpeedFusion Engine	SFE / SFE CAM
FusionHub	FusionHub

Important Notices

- **For Transit 5G, please use the special firmware that will be released after 8.1.3 GA release.**
- **Balance 20 Hardware Revision 1-6** will **NOT** be supported by further major firmware updates. They will receive Firmware 8.1.x maintenance releases as needed.
- For the following models, the unit must be upgraded to Firmware 7.1.2 first before upgrading to 8.0.0 or above.

Product	Hardware Revision
MAX BR1	HW2-3
MAX BR1 IP67	HW1
MAX BR1 Mini	HW1-2
MAX BR1 Pro	HW2,4-5
MAX BR1 Slim	HW1
MAX BR2	HW2
SOHO	HW2

- PepVPN backward compatibility option is no longer available. By deprecating the old firmware versions, we now have a more secure handshake channel as the default setting, only TLS 1.2 will be accepted, no more TLS 1.0 and 1.1 for the old devices. Thus, if you are using devices running Firmware 6.1 or older, you will no longer be able to form PepVPN tunnels with those devices unless the firmware is updated.
- Please note that the "High Application Compatibility" and "Normal Application Compatibility" settings in "Outbound Policy" have been deprecated. Both options still work, if you set up a Custom Outbound Policy, you cannot change them back.
- Internet Explorer 11 is no longer supported by Web Admin.
- The updated minimum version of the supported browser:
  - Mozilla Firefox 54
  - Google Chrome 51
  - Safari 10
  - Microsoft Edge 15

Improvements

Reference	Description	Device Supported
25370	**[Beta 1] [AP Controller / 11ac]** Added: When Wi-Fi client associate/disassociate from AP, client Name will also be shown in Event Log.	**Balance:** All **MAX:** BR1 MK2, 700, HD2/4, Transit **MediaFast:** All **X Series**: EPX, SDX Pro, SDX, 580X, 380X, PDX, MBX, 20X **Surf SOHO**: SOHO MK3
25390	**[Beta 1] [B20]** Added: Supporting of MAX Adapter	**Balance:** 20/30
25287	**[Beta 1] [BGP]** Added: BGP over GRE	**All Models**
25226	**[Beta 1] [Cellular & LTE-US]** Added: Ready for 3G sunset of AT&T	Models with integrated LTE-US Cellular
25171	**[Beta 1] [DPI]** Added: Upto 269 protocols can be shown on Active Sessions and DPI Reports on IC2	**All Models**
25443	**[Beta 1] [FusionHub]** Added: BGP Supporting	**FusionHub**

Resolved Issues

Reference	Description	Device Supported
25369	**[Beta 1] [AP Controller]** Fixed: AP > Mesh / WDS Page becomes unresponsive	**Balance:** All **MAX:** 700, HD2/4, Transit **MediaFast:** All **X Series**: EPX, SDX Pro, SDX, 580X, 380X, PDX, MBX
25334	**[Beta 1] [B20X]** Fixed: System instability caused by memory handling	**X Series**: 20X
25201	**[Beta 1] [B20X]** Fixed: Wireless LAN user may not connect to 2.4 GHz Wi-Fi radio	**X Series**: 20X
25285	**[Beta 1] [BR1 Mini]** Fixed: WAN as LAN feature does not work	**MAX:** BR1 Mini/Mini Core

25222	**[Beta 1] [Cellular]** Fixed: Cellular may not be connected if Manual carrier selection / PLMN list is configured	**Balance:** 30 LTE/Pro **MAX:** BR1/2, HD2/4, Transit **UBR:** UBR LTE **MediaFast:** HD2/HD4 **X Series**: All
25185	**[Beta 1] [FusionHub]** Fixed: Abnormal CPU loading	**FusionHub**
25282	**[Beta 1] [FusionHub]** Fixed: Causing High CPU loading if Web Content Filtering is enabled	**FusionHub**
25290	**[Beta 1] [SOHO MK3]** Fixed: Wireless LAN user may not connect to 2.4 GHz Wi-Fi radio	**Surf SOHO**: SOHO MK3
25184	**[Beta 1] [System]** Fixed: Unable to apply large amount of Geo locations Firewall rules	**All Models**
25303	**[Beta 1] [Wi-Fi]** Fixed: Wi-Fi FragAttack Vulnerability	**Balance:** 30 Pro, One **MAX:** All (Exclude: BR1 ENT, HD2 Mini, HD1/2 Dome) **MediaFast:** HD2/4 **X Series**: PDX, MBX, 20X **UBR:** UBR LTE **Surf SOHO**

Report an Issue

To report an issue, please open a support ticket at:
https://ticket.peplink.com/

For the latest development news and known issues, take a look at our forums:
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