

[< Back](#)

Posted 19 days ago



UAP/USW Firmware 4.0.54.10625

25 331 47k Comment Follow

Important notes
Release stage: **Stable**

Bugfixes

- [UAPG2/G3] Fix bug causing false dropped packets reported on the dashboard.
- [UAPG1/G3] Fix reported Ethernet negotiation.
- [UAPG2] Fix segfault during wireless adoption.
- [UAPG1] Fix wireless uplink loop issue.
- [UAPG1] Improve client STA connection stability when using wireless uplinks.
- [AC-Pro/EDU/M-Pro/AC-IW/IW-Pro] Fix Ethernet PHY behaviour.
- [AC-Pro/EDU/M-Pro/AC-IW/IW-Pro] Fix reported Ethernet negotiation.
- [HD/SHD/XG/BaseStationXG] Fix an issue where wireless uplink may fail to reconnect.
- [HD/SHD/XG/BaseStationXG] Fix segfault during wireless adoption.
- [UAP-XG/UWB-XG] Fix an issue with the uplink monitor which may cause it to erroneously take down all SSIDs.
- [UWB-XG] Remove bandsteering as it's unsupported on this device.
- [nanoHD/IW-HD] Adjust block ACK log level to avoid log spam.
- [nanoHD/IW-HD] Change so downlink AP follows channel width of the uplink AP.
- [nanoHD/IW-HD] Fix broadcast/multicast Tx stuck issue which may cause high memory usage.
- [nanoHD/IW-HD] Fix inter-DVLAN broadcast and multicast traffic leaking (reported [HERE](#) and [HERE](#)).
- [nanoHD/IW-HD] Fix issues with RF environment scan.
- [nanoHD/IW-HD] Fix VHT information element.
- [nanoHD/IW-HD] Fix Vietnam channel list.
- [nanoHD/IW-HD] Improve device boot time.
- [nanoHD/IW-HD] Stability improvements.
- [IW-HD] Fix DVLAN DHCP issue when Port VLAN is enabled.

Posted by
UI-MikeD

Related products

US-8-60W	US-24
US-48-750W	US-48-500W
UAP-AC-LITE	UAP-AC-LR
US-24-250W	US-24-500W
UAP-AC-M	UAP-nanoHD
UAP-AC-PRO	UAP-AC-EDU
US-8-150W	US-48
UAP-XG	UAP-AC-IW-PRO
UAP-AC-SHD	UAP-AC-HD
UAP-AC-IW	US-8
US-16-XG	US-16-150W
UAP-AC-M-PRO	UAP-IW-HD

- [IW-HD] Fix VLAN behaviour on device reboot (reported [here](#)).
- [IW-HD] Properly authenticate wired 802.1X clients on reboot/provision.
- [UAP] Add DNS latency tracking.
- [UAP] Add new event to identify STA disconnects.
- [UAP] Add support for Faroe Islands.
- [UAP] Allow 40MHz on 2.4GHz when country code set to Japan.
- [UAP] Fix a bug when SSH key added via config.properties instead of controller UI.
- [nanoHD/IW-HD] Fix a bug where device may not reply to probe request frames.
- [UAP] Fix bug which may cause device to reboot after a provision.
- [UAP] Fix Fast Roaming support.
- [UAP] Fix guest portal fail to redirect on untagged subnet when device has a static IP.
- [UAP] Fix guest portal provisioning and add reporting for configuration issues.
- [UAP] Fix issue with Ring Chime Pro and PS4 when using 'Auto-Optimize Network' or 'High-Performance Devices'.
- [UAP] Fix random error which will cause device to crash when running RF Environment scan.
- [UAP] Fix uplink monitor behaviour under heavy unicast load.
- [UAP] Fix wireless adoption backwards compatibility.
- [UAP] General improvements to Auto-Optimize Networks/High-Performance devices.
- [UAP] Improve CPU usage.
- [UAP] Improve wireless uplink stability.
- [UAP] Improve wireless uplink state change logic.
- [UAP] Increase 5GHz bias for wireless uplink on dual-band models.
- [US/US-POE/XG/USW-6POE] Add live link status update capability.
- [US/US-POE/XG/USW-6POE] Enable IPv6 support for management (reported [here](#)).
- [US-24-250W/500W] Fix erroneous PoE init failure message on fully functional devices.
- [USW] Align syslogd prefix format with other devices.
- [USW] Possible fix for a bug with DHCP snooping which may cause issues with DHCP.
- [US-16-XG] Fix 2.5Gbps speed report issue.
- [USW-6POE] Add 2.5Gbps speed support for SFP+ ports.
- [USW-6PoE] Fix false overload state causing PoE issues (reported [here](#)).
- [USW-6POE] Fix PoE auto-detect behaviour of 802.3bt ports.

[Home](#)
[Community](#)
[Services](#)
[Help](#)

[Tags](#)
[Register](#)
[Sign in](#)

[Stable](#)
[UniFi Routing & Switching](#)
[UniFi Wireless](#)

Version history

📈 9	4.0.51.10599	RC	Official	a month ago
📈 8	4.0.49.10569	RC	Official	a month ago
📈 7	4.0.48.10560	RC	Official	a month ago
📈 28	4.0.42.10433	Stable	Official	3 months ago
📈 30	4.0.30.10217	RC	Official	4 months ago

- [USW-6POE] Improve 802.3bt port compatibility with dual-voltage devices (e.g UVC-G3-Dome).
- [USW-6POE] Improve reboot robustness.
- [USW-6POE] Improve SFP port autodetect robustness.
- [SEC] Security improvements.
- [HW] Improve L2 unadopted upgrade robustness.

[Register](#)

[Sign in](#)

Known issues

- **UAP, UAP-LR, UAP-IW, UAP-OD and UAP-OD5 cannot be downgraded from firmware 4.0.17+ to an earlier release.**

Instructions

- All URLs use HTTPS. This assumes your device(s) are running 3.7.56 or later and that the device's date is properly set. Please change URLs to HTTP for device(s) running earlier firmware or if the date is incorrect (e.g. if device can't reach a NTP server).
- You may start to see EVT_AP_RestartProc events in the controller log. If you see these, please report if there is anything specifically in your setup that triggers the events. The processes restarting is not new, but the reporting of the restarting is, and we are using these reports to clean up these issues.
- US-XG-6POE upgrading from 4.0.2 or earlier will take a long time to upgrade. Don't be surprised if your switch is unavailable for 5-10+ minutes as 4.0.3+ also updates the PoE firmware to improve PD compatibility.
- UIS-8-450W upgrading from 4.0.33 and earlier will have their PoE firmware upgraded automatically to improve PD compatibility. That process will take a few minutes. PoE will be unavailable during the upgrade process.
- 1st gen UAPs may require extra steps when upgrading from firmware 4.0.3. You can try disabling all WLAN groups, and then running the upgrade. Devices that are seemingly "stuck" on 4.0.3 may require TFTP recovery to upgrade from that firmware.
- All supported 1st gen APs need to be on a minimum of 4.0.10 prior to upgrading to this firmware. Controller 5.10.3+ will force an upgrade to 4.0.10 prior to upgrading to this release (only if your device isn't running 4.0.10 already).
- Guest portal issues? There are some major changes to the guest portal in recent release. Please see our post [HERE](#) with details and troubleshooting information. Please let us know if you encounter issues.

Any and all feedback is welcome, including lettings us know about successful device upgrades. When reporting an issue, please ensure that you include the following information:

- *Controller version.*
- *Firmware version (previous and current).*
- *Device model(s).*

[UAP-AC-Lite/LR/Pro/EDU/M/M-PRO/IW/IW-Pro](#) | [md5sum](#) | [sha256sum](#)
[UAP-HD/SHD/XG/BaseStationXG](#) | [md5sum](#) | [sha256sum](#)
[UAP-nanoHD/IW-HD](#) | [md5sum](#) | [sha256sum](#)
[UAP, UAP-LR, UAP-OD, UAP-OD5](#) | [md5sum](#) | [sha256sum](#)
[UAP-v2, UAP-LR-v2](#) | [md5sum](#) | [sha256sum](#)
[UAP-IW](#) | [md5sum](#) | [sha256sum](#)
[UAP-Pro](#) | [md5sum](#) | [sha256sum](#)
[UAP-OD+](#) | [md5sum](#) | [sha256sum](#)
[US/US-POE](#) | [md5sum](#) | [sha256sum](#)
[US-L2-POE](#) | [md5sum](#) | [sha256sum](#)
[US-16-XG](#) | [md5sum](#) | [sha256sum](#)
[USW-XG-6POE](#) | [md5sum](#) | [sha256sum](#)
[UIS-8-450W/USC-8](#) | [md5sum](#) | [sha256sum](#)
[USW-Flex](#) | [md5sum](#) | [sha256sum](#)
[USW-Multi](#) | [md5sum](#) | [sha256sum](#)

Comments (331)

Sort by [Newest](#) [Oldest](#) Page [1](#) [2](#) [3](#) [4](#) ... [17](#)

jms33

19 days ago

Thanks! Is this the complete changelog since the last RC, 4.0.51?

harby

19 days ago

@jms33 wrote:

Thanks! Is this the complete changelog since the last RC, 4.0.51?

No, that is usually being merged once this release becomes final.

UI-MikeD

19 days ago

@jms33 wrote:

Thanks! Is this the complete changelog since the last RC, 4.0.51?

Fixed. Now it is. My bad.

Cheers,

Mike

ChessMck

19 days ago

Wow! Less than a day in Beta as Test to RC in Official....

E

edegroot274033

19 days ago

Upgraded 4x US8-60, 3x US8-150, 2x AC Light, 1x AC-Mesh without any issues.

Working together with USG3p 4.4.44, CK1 running Controller 5.11.36.

M

miles267

19 days ago

is anyone using airtime fairness?

G

gsajo

19 days ago

It sure I like this release that much.

all my nanoHDs lost a lot of range. Very often my devices would latch on the 2.4Ghz and will not switch the AC 5GHz unless I'm within coupe of feet of AP.

Was not an issue with any prior release.

G

gsajo

19 days ago

Correction. Not sure I like this release.

G

Gerardv514

19 days ago

What's difference with the three links ie. nano-hd, then md5sum, then sha256sum?

G

gsajo

19 days ago

[@Gerardv514](#) that's just the check sum for the downloads.

G

gsajo

19 days ago

One is the ms5 hash and the other is the sha256 hash

G

Gerardv514

19 days ago

[@gsajo](#) wrote:

[@Gerardv514](#) that's just the check sum for the downloads.

Thanks. I just attempted to update (first time doing this). I copied the link, went into my device (nano-hd) then clicked on config-->manage device--> custom upgrade--> pasted the above download link. The device said it was updating then went back to

connected status, however the firmware version is still the old one. Am I missing a step?

[Home](#) [Community](#) [Stories](#) [Releases](#)

[Register](#)

[Sign in](#)

G

Gerardv514

19 days ago

@Gerardv514 wrote:

Thanks. I just attempted to update (first time doing this). I copied the link, went into my device (nano-hd) then clicked on config-->manage device--> custom upgrade--> pasted the above download link. The device said it was updating then went back to connected status, however the firmware version is still the old one. Am I missing a step?

I tried it a second time and it took.

J

jwelter

19 days ago

Working well for me on NanoHD's and USW's.

M

majibow

19 days ago

Can I request that the check sums be pasted in the blog post instead of as individual txt files similar to the Unifi controller release post.

G

Gerardv514

19 days ago

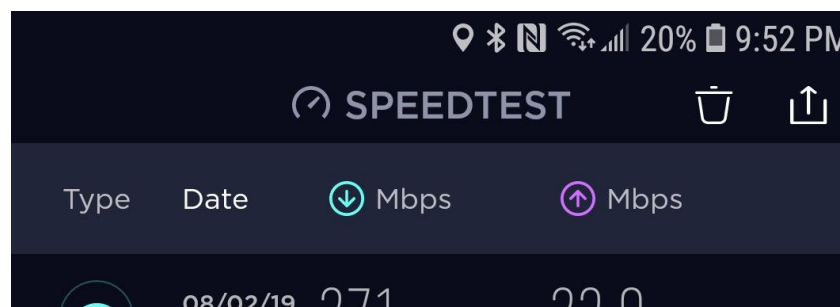
Is auto optimize network fixed in this release? Should I set the radio channels to be automatic; so that it is dynamic with my particular environment and to ensure we're using a low utilized/low interference channel?

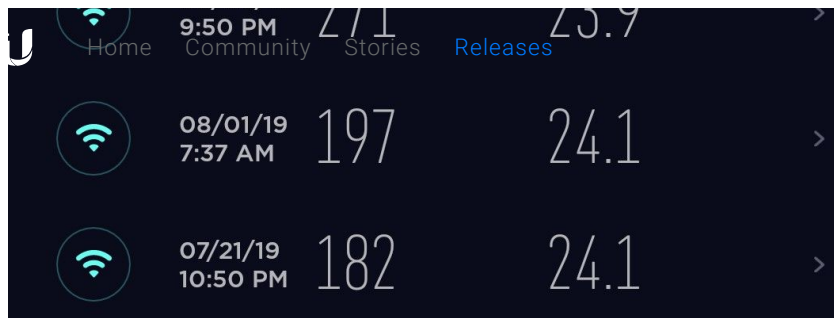
ChessMck

19 days ago

One thing I've noticed with .54 is the speed increase over the past few releases. I've basically followed the Beta releases within the day of their release. My internet is rated 250/20 and direct wired desktop I usually get 297/24. I'm showing a 38% speed increase from the .50, .51, & .53 series to this .54 RC release. Phone is Samsung S7, all measurements made 10 ft line-of-sight from a nanoHD. Here is .53 (8/1/19) 197/24 compared to .54 (8/2/19) 271/24 [This looks to be the speeds I had back on .21] Happy!!

Anyone else with nanoHD having this result ?





[Register](#) [Sign in](#)

ChessMck

19 days ago

@gsajo wrote:

It sure I like this release that much.

all my nanoHDs lost a lot of range. Very often my devices would latch on the 2.4Ghz and will not switch the AC 5GHz unless I'm within couple of feet of AP.

Was not an issue with any prior release.

[@gsajo](#) I have two nanoHD and range is same as past few releases. Devices selecting 5GHz as before. I do have faster DL speeds. FYI - Auto Optimize, High Performance and Band steering are all OFF. Power for 2.4 is Med and set to High on 5GHz.

chaicka

19 days ago

[@ChessMck](#) Yes, .54 seems to have improvement in throughput, one of the better ones among those RC/GA firmwares. But there are other non-released firmwares which restore throughput closer to what 3.9.x offers. Hope to see continued improvement in upcoming RC/GA firmwares.

chaicka

19 days ago

I would like to provide an update to the forumers, esp those who have been following the bug I have raised since the 4.0.49 RC firmware (link below).

I have done several testing on 3 separate environments which consist of Gen 2 and Gen 3 UAPs (e.g. AC-LR, AC-PRO, AC-HD) and am able to confirm that the issue with 'Guest Portal Redirection' for a specific kind of setup (Guest WiFi on non-VLAN, native untagged network) has now been fixed with firmware 4.0.54.

[UAP] Fix guest portal fail to redirect on untagged subnet when device has a stat



Thanks [@UI-MikeD](#) for willing to listen with an open mind, collaborate and not giving up/turning a deaf ear despite not able to reproduce the bug in early stage of correspondence. And to identify the root cause which in turn a swift fix be produced and released/incorporated into this 4.0.54 firmware.

Reference: <https://community.ui.com/releases/UAP-USW-Firmware-4-0-49-10569/d3336fd1-3e94-450d-82d6-da5f28d06378#comment/8d617e7a-b10d-4f9c-87b8-554da1fd1436>

Your Comment

Write your comment here ...

Comment