

8.10MR8 SOFTWARE Interim/BETA RELEASE NOTES Build 8.10.178.88

Base Code: 8.10.171.0
Beta Build: 8.10.178.88

8.10MR8 Interim/Beta Release 1st Refresh.

The following Beta software is posted on the cisco.com

Image Name	MD5 Checksum	Supported Platforms
AIR-CT3504-K9-8-10-178-88-EFT1.aes	af62a862a9b082b751c6c96292474e84	Beta software for 3500
AIR-CT8540-K9-8-10-178-88-EFT1.aes	81691fd7c247ae00e66bd93d72458e6b	Beta software for 8540 series controllers
AIR-CT5520-K9-8-10-178-88-EFT1.aes	81691fd7c247ae00e66bd93d72458e6b	Beta software for 5520 series controllers
AIR_CTVM_LARGE-K9_8_10_178_88-EFT1.aes	a3bdcd4c729b157ee0cc2939488d7e42	Beta software for Large capacity vWLC
AIR-CTVM-K9-8-10-178-88-EFT1.aes	f4c621365a2eb0e7d7d8a79498af5d0f	Beta software for Small capacity vWLC
ap_bundle_8.10.178.88	e03421be5e995751202d3c289e738157	Beta AP bundle software for Mobility Express
ap3g3-ME-k9w8-tar.8_10_178_88	7a51b036ce035a5ccfa69d129f5ac5d2	Beta software for Mobility Express 3800, 2800 series AP
ap1g4-ME-k9w8-tar.8_10_178_88	4f2f75538d1248bf3fd054627fd47d45	Beta software for Mobility Express 1850 series AP
ap1g5-ME-k9w8-tar.8_10_178_88	676b5b648a30f3dbcb54f6cd40224601	Beta software for Mobility Express 1815 AP
AP_BUNDLE_5520_8_10_178_88-EFT1.aes	4f7527ad52c298cbe5e92bf043db6901	Supplementary AP Bundle Image for 9117 AP – 5520 WLC Platform
AP_BUNDLE_8540_8_10_178_88-EFT1.aes	4f7527ad52c298cbe5e92bf043db6901	Supplementary AP Bundle Image for 9117 AP – 8540 WLC Platform
AP_BUNDLE_3500_8_10_178_88-EFT1.aes	3e7cf6fd85dcde1db9e9941725deb830	Supplementary AP Bundle Image for 9117 AP – 3504 WLC Platform
AP_BUNDLE_CTVM_SMALL_8_10_178_88-EFT1.aes	e76a27f0ec804500e4425618f86bb0bc	Supplementary AP Bundle Image for 9117 AP – vWLC Small Scale Deployment

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AP_BUNDLE_CTVM_LARGE_8_10_178_88-EFT1.aes	171207b3631f8bb746a7d2a1c39c73c4	Supplementary AP Bundle Image for 9117 AP – vWLC Large Scale Deployment
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Resolved Caveats

8.10.178.88

CSCwa26814	3800 AP not passing ARP requests on central WLAN when configured on Custom Flex Group
CSCwa31596	Cisco 9130AX AP: high channel utilization and client lags with 9 or more clients using MS TEAMS
CSCwa42620	9130 - AP dropping packets On-Air for Phoenix WinNonlin Application.
CSCwa54943	COS APs with RLAN port connecting to device running LLDP would reboot due to Out of Memory
CSCwa61885	WLC crash due to timer leak on apfMsConnTask
CSCwa68439	3800 AP sends a burst of deauth frames after each session timeout for each AP in PSK WLAN
CSCwa75901	9117 Beacon stuck - crash due to radio failure(radio recovery failed)
CSCwa77205	[17.6.3 SIT-EWLC] AP1832/1852/1815 : Kernel Panic @wlan_handle_napi
CSCwa81190	Null pointer de-reference in wlc_wnm_is_wnmsleeping
CSCwa82660	AP2800/AP3800 with CAC configured only updating QBSS_AAC sent by WLC after radio reset
CSCwa86015	C9120 Kernel panic crash - PC is at __kmallocc+0x5c/0x140
CSCwa88621	C9120AXI - capwapd.service failed
CSCwa90871	9120AP:wcpd.service failed SW crashed on Process wcpd on 9120AP running 17.7.1.11
CSCwa96198	CWA clients with Run state cannot go online even though it is run state
CSCwa96429	COS AP disconnects from the WLC after cts switchport config
CSCwa97033	kernel crash seen at 9120 AP while bringing up the slot1 radio
CSCwb05556	AP doesn't send multicast data till it snoops IGMPv2
CSCwb08755	9130/9120 AP in flexconnect mode is not sending SA query.
CSCwb09248	High latency and drops when associated to 9130 AP
CSCwb11711	9120/9130 APs in Flexconnect, send Assoc reject after the 1st successful connection.
CSCwb16632	AireOS SMART Licensing registration/renewal due to SSL certificate problem
CSCwb19448	9117 running 8.10mr6 crashed due to kernel panic in cisco_wlan_crypto_decap
CSCwb23976	9117 crashing due to Kernel panic dp_print_host_stats with fix for CSCwa52449
CSCwb28006	AP3800 plumbing client to vlan 1 instead of native vlan 0 causing arp drops OUTER_UCAST_VLAN_BLOCK
CSCwb30993	Kernel panic crashes on 9117AXI-E
CSCwb32121	1832 reloads due to radio failure - Beacon Stuck- reset radio for recovery
CSCwb34215	AP assert:"0" failed: file "wlc_pcb.c:384"
CSCwb34231	AP 9115 Power Saving Client State on radio
CSCwb36531	AP 9130 not able to process fragmented EAP frames from client when doing EAP-TLS
CSCwb37452	Anchor Passthrough webauth presents PEM timeout after hitting RUN
CSCwb53348	9130 APs generating radio coredumps
CSCwb62329	9120 not sending A-MPDUs for wpa1 aes clients in wpa1 and wpa2 mixed mode
CSCwb68720	AP sending ARP packet without vxlan encapsulation
CSCvy59547	GUI displays incorrect tagged VLAN data
CSCwa33537	Cisco 9117AX AP radio reloads unexpectedly due to partial command issues

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CSCwa53727	Cisco 9117AX AP reloads unexpectedly at cmnos_thread.c:3493
CSCwa61087	1562 AP acting as WGB is unable to pass multicast traffic to passive client behind it
CSCwa73820	4800 AP would not negotiate full power via LLDP
CSCwa77633	AP1832 crash due to kernel panic
CSCwa79564	Cisco 2800,3800 APs on 8.10.162: Power Type displayed is incorrect when static power is set to 15.4W
CSCwa85088	Wired client behind Cisco WGB is not taking DHCP IP address
CSCwa95705	Cisco 2802 AP reloads unexpectedly due to FIQ/NMI reset
CSCwb02488	9120 Kernel Crash PC is at number.isra & LR is at vsnprintf
CSCwb05569	AP 9130 is randomly not transmitting beacons
CSCwb08956	2800 APs changing the TID for eapol packets from 6 to 0 after changing rf profile in 9800
CSCwb11854	Low Throughput with WLC8540 and AP1852
CSCwb19993	COS AP wave 2 loses config after upgrade
CSCwb45599	AP crash with ppr_create_prealloc+0xbc
CSCwb51769	8.10.171.0 showing Junk character with command Show ap join stats summary all
CSCwb69256	AireOS system crash due to Task Name emWeb Due to NTP
CSCwb76882	Rogue: Cisco Catalyst 9130 AP detects its own BSSID as Rogue in 5Ghz channel.
CSCwb98247	AP crash in wlan_objmgr_peer_release_ref running 17.3.5
CSCwc07002	AP crash kernel panic - pci_generic_config_read

Important Note: If your network has Cisco Catalyst 9117 Access Points then please follow the below steps.

Cisco Catalyst 9117 AP Image Upgrade Bundle

If you are using Cisco Catalyst 9117 APs, then to upgrade to Release 8.10.178.88, you must download an additional image bundle, ap1g6, which is specific to the Cisco Catalyst 9117 APs. Following are the high-level steps in upgrading to this release:

1. Download the *controller.aes* file from the Cisco software download page and upgrade the controller software with this image.
2. Reboot the controller to load the new image.
3. Download the *apimage.aes* (ap1g6) file from the Cisco software download page and upgrade the controller software with this AP image bundle.
4. Reboot the controller to load the new AP image bundle.

ENGINEERING SPECIAL USE DISCLAIMER

The Engineering Special fix supplied herewith is a Temporary Software Module which has undergone limited testing. This temporary software module is provided “AS-IS” without warranty under the terms of the END USER LICENCE FOR THIS PRODUCT. Please use this software at your own risk. The intention for this code fix is for you to use in your production environment until a released version is available.

This code is supported by the TAC organization. Please report all comments, suggestions, and problems about this code directly to wnbu-escalation@cisco.com. If you are satisfied with the solution, please inform the alias.

Contact wnbu-escalation@cisco.com with any questions.

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