

8.10MR6 SOFTWARE Interim/BETA RELEASE NOTES Build 8.10.158.79

Base Code: 8.10.151.0
Beta Build: 8.10.158.79

8.10MR6 Interim/Beta Release 3rd Refresh.

The following Beta software is posted on the cisco.com

Image Name	MD5 Checksum	Supported Platforms
AS_3500_8_10_158_79.aes	8cf4e011b0a59eea628807fef1f5ccce	Beta software for 3500
AS_7500_8_10_158_79.aes	42a3b425716be4a31269f10fec50fa3a	Beta software for 5520, 8540 series controllers
AS_CTVM_LARGE_8_10_158_79.aes	da1ee13b9fb2eb8e6cea143acdd0315d	Beta software for Large capacity vWLC
AS_CTVM_SMALL_8_10_158_79.aes	81f172c0df077bee216560a6e75330b6	Beta software for Small capacity vWLC
ap_bundle_8.10.158_79	28de6abc4c9b344b44288efed1385bc9	Beta AP bundle software for Mobility Express
ap3g3-ME-k9w8-tar.8_10_158_79	2e1f658f01864114db8a81389c683416	Beta software for Mobility Express 3800, 2800 series AP
ap1g4-ME-k9w8-tar.8_10_158_79	8caecfa59c2684ff89385c77d3691e2e	Beta software for Mobility Express 1850 series AP
ap1g5-ME-k9w8-tar.8_10_158_79	ace9413615c3dd25584439bee105364b	Beta software for Mobility Express 1815 AP
AP_BUNDLE_7500_8_10_158_79.aes	665e5ec53d6eb180e4197deaeacfd8f5	Supplementary AP Bundle Image for 9117 AP – 7500 WLC Platform
AP_BUNDLE_3500_8_10_158_79.aes	14b749fd36c49af88400670a5738cd56	Supplementary AP Bundle Image for 9117 AP – 3504 WLC Platform
AP_BUNDLE_CTVM_SMALL_8_10_158_79.aes	1753d60720559d07cfe9f62ed2982f55	Supplementary AP Bundle Image for 9117 AP – vWLC Small Scale Deployment
AP_BUNDLE_CTVM_LARGE_8_10_158_79.aes	50a2a9dbb593df9d066819e44537ca6b	Supplementary AP Bundle Image for 9117 AP – vWLC Large Scale Deployment

Resolved Caveats

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CSCvt78186	Cisco IOS and IOS XE Software Split DNS Denial of Service Vulnerability
CSCvx42772	AP kernel panic crash (PC is at vfp_reload_hw)
CSCvx47191	AP9130: Clients De-Auth after multiple roams post upgrade from 17.2.1 to 17.3.2a
CSCvy14143	9115 AX AP crashed on 17.3.3.26 esc image - CS00012186098
CSCvy24126	8.10.142.2 : Channel utilization is 100% with 9120 AP CS00012187660
CSCvy24397	Local mode AP deleting client in 30s if no response in EAP
CSCvy35021	9120,9105 AP Crash: Kernel Panic: PC is at wlc_sendup_chain
CSCvt29399	Throughput degradation observed with Wave 2 APs with Flex Local Switching EoGRE tunnel to Benu WAG
CSCvu89997	Wireless Clients unable to connect AP1830 after Input/output error message log
CSCvw86121	PMKID roaming fails - WPA3 - Enterprise - GCMP256 + SUITE192-1X + SKC full auth is seen
CSCvx24420	Multiple Vulnerabilities in Frame Aggregation and Fragmentation Implementation of 802.11
CSCvx24428	Vulnerabilities in Frame Aggregation and Fragmentation Implementation of 802.11ax APs
CSCvx24449	Multiple Vulnerabilities in Frame Aggregation and Fragmentation Implementation of 802.11
CSCvx73528	APs join least loaded WLC instead of primary-base WLC
CSCvx89490	9130 crashes on 17.3.2.32 [SF 05165007]
CSCvx96663	3802 AP taking a very long time to skip pnp after upgraded from 8.5 to 8.10
CSCvy11314	the non-wifi channel utilization shows nothing on 5Ghz even cleanair is enabled
CSCvy15021	AP-COS is not providing ethernet port stats or status
CSCvy21584	GUI displays incorrect tagged VLAN data & throws incorrect error message when changing channel width
CSCvy23582	AP 1810W Kernel Panic Crash softlockup: hung tasks kclick
CSCvy24040	Cisco 2802 AP radio 0 crash due to command timeout
CSCvy31207	9130 AP radio crash while running wifistats on devshell
CSCvy32680	Multiple Vulnerabilities in Frame Aggregation and Fragmentation Implementation of 802.11
CSCvy36698	Multiple Vulnerabilities in Frame Aggregation and Fragmentation Implementation of 802.11

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CSCvx18273	AP 9120 sending reassembled fragmented packets (uplink direction)
CSCvy00017	9120 dropping WGB's client downstream packets CS00012184873
CSCvy06837	Static IP address is not getting changed when IP failover is toggled.
CSCvy21906	Roaming client delete due to dot1x timer expiry & EAPOL discards msg with aa:aa:03:00:00:00 seen
CSCvx37875	C9130AX, C9117AX: Tx power discrepancies
CSCvx53590	HA Config Sync Failure when configuring AP specific Antenna Monitoring

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CSCvy00817	C9130: 2.4GHz only clients cannot connect wlan with band select enable and broadcast ssid disabled
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CSCvp88559	AP 1810W Kernel Panic Crash \"NULL pointer dereference\"
CSCvq36819	Sensor gets disconnected from DNAC due to loss of PNP configuration profile.
CSCvr52266	AP 9120: Kernel panic PC at brcmnand_send_cmd+0xc0/0xe0
CSCvr80333	AP 9115 does not respond to probe or Auth frames and unable to service any clients.
CSCvu71917	Kernel Panics observed on AP 1852 and 3802 in 8.10.122.0 build
CSCvv66853	9120 AP Tx power does not change while changing power level at 2.4 GHz
CSCvv72100	WLC crashes with /tmp at 100% due to nginx process
CSCvw10039	Cisco Aironet 2802 AP reloads unexpectedly due to kernel panic
CSCvw83639	2800 AP crashed due to FIQ/NMI reset on 8.10.130
CSCvw84512	3800-Rogue: APs own bssid is detected as rogue in slot0 and slot1
CSCvx13166	AP3802I kernel panic crash in 8.10.130.9
CSCvx19602	Cisco Catalyst 9120 Series AP beacon gets stuck after moving from channel UNII 1 to UNII 2
CSCvx27345	Controller showing Neighbor APs as Rogue on 2.4 Ghz band
CSCvx29799	8540--config sync failed between HA pairs
CSCvx43180	3504 crashes in 8.10.130.0, in Task Name: broffu_SocketReceive
CSCvx44338	802.11r retried Auth packet forwarded to controller causes duplicate Auth responses sent to client
CSCvx48238	Cisco 4800 series AP takes pre-download of unsupported code from old WLC with same IP of primary WLC
CSCvx52078	Cisco Aironet 2802 series Access Point suddenly drops in transmission power level
CSCvx56223	9120ax AP stops allowing new associations on any of the configured SSIDs.
CSCvx56259	flexconnect central-auth 11r client roaming failures after WLC upgraded to 8.10.142.0
CSCvx71577	9800 sends MDIE to IOS APS with adaptive FT enabled making client assoc fail Flex Local Auth/Sw
CSCvx92866	9115 AX APs are crashing frequently on 17.3.3
CSCvx98447	Hostapd.service failed on Mobility express
CSCvy00017	9120 dropping WGB's client downstream packets
CSCvw25812	AP does not send Add Traffic Stream (ADDTS) response when Protected Management Frame PMF is enabled
CSCvw69941	RLAN ports goes blocked when 1815T AP joins back the WLC
CSCvw72516	Wireless client SNR value shown as 0 on Client 360 page
CSCvw88392	Factory Reset on IW3702 via RESET/MODE button not enforced
CSCvw89461	Controller unexpectedly reloads with snmp_trap_msg_task System crash as observed in the crash file
CSCvw94907	The client data rate displays incorrectly on the GUI or CLI
CSCvx29110	PMF Optional - Protecting frames for NON-PMF clients

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CSCvx31952	C9115/9120 reading /sys/class/thermal/thermal_zone0/temp failed [2]: No such file or directory logs
CSCvx44661	4800 APs sending wrong number of element count on the MIC control field
CSCvx51232	AP 9130 AP Trace prints junk characters
CSCvx52228	AP fallback doesnt work when it is disable then changed to enable
CSCvx53493	AP does not send M1 over the air
CSCvx53862	Cisco 2802 AP radio0 reloads unexpectedly due to Exception Path
CSCvx58704	AP FlexConnect with VLAN tagging enable + ARP-catching enable ARP response not received to host
CSCvx68417	Lobby Ambassador user accounts are getting full privilege
CSCvx90730	2802-APs with WIPS module reloads unexpectedly after upgrading WLC version to 8.10.151.0
CSCvx97906	Wave 2 APs flood syslog server with lat_client_add failure errors
CSCvw88632	Abnormal logs of "Primary WLC name" which was output by show run-config command

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 8.10.158.55, 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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