

WEC8050/ WEA3xx/WEA4xx Release Notes (v2.4.19.R)

1. Revision History

Date	Version	File	Remarks
2013.11.05	1.0.3.R (1.3.14.R)	wec8050_1.0.3.R.bin weafama_1.3.14.R.bin	Initial Version WEA302i/303i/303e are supported. weafama_xx.bin is for WEA3xx.
2013.12.03	1.4.12.R	wec8050_1.4.12.R.bin weafama_1.4.12.R.bin	
2014.01.29	1.4.13.R	wec8050_1.4.13.R.bin weafama_1.4.13.R.bin	
2014.02.19	1.4.15.R	wec8050_1.4.15.R.bin weafama_1.4.15.R.bin	
2014.02.20	1.5.9.R	wec8050_1.5.9.R.bin weafama_1.5.9.R.bin	
2014.03.25	1.6.2.R	wec8050_1.6.2.R.bin weafama_1.6.2.R.bin	
2014.04.15	1.6.4.R	wec8050_1.6.4.R.bin weafama_1.6.4.R.bin	
2014.04.22	2.0.3.R	wec8050_2.0.3.R.bin weafama_2.0.3.R.bin weafamb_2.0.3.R.bin	WEA312i/313i/412i/403i are supported. weafamb_xx.bin is for WEA4xx.
2014.05.14	2.0.4.R	wec8050_2.0.4.R.bin weafama_2.0.4.R.bin weafamb_2.0.4.R.bin	
2014.06.09	2.2.4.R	wec8050_2.2.4.R.bin weafama_2.2.4.R.bin weafamb_2.2.4.R.bin	
2014.07.01	2.2.7.R	wec8050_2.2.7.R.bin weafama_2.2.7.R.bin weafamb_2.2.7.R.bin	
2014.08.01	2.2.11.R	wec8050_2.2.11.R.bin weafama_2.2.11.R.bin weafamb_2.2.11.R.bin	
2014.09.23	2.3.5.R	wec8050_2.3.5.R.bin weafama_2.3.5.R.bin weafamb_2.3.5.R.bin	
2014.09.30	2.3.8.R	wec8050_2.3.8.R.bin weafama_2.3.8.R.bin weafamb_2.3.8.R.bin	
2014.12.04	2.3.11.R	wec8050_2.3.11.R.bin weafama_2.3.11.R.bin	

		weafamb_2.3.11.R.bin	
2015.01.05	2.4.12.R	wec8050_2.4.12.R.bin weafama_2.4.12.R.bin weafamb_2.4.12.R.bin	
2015.03.24	2.4.17.R	wec8050_2.4.17.R.bin weafama_2.4.17.R.bin weafamb_2.4.17.R.bin	
2015.03.27	2.4.18.R	wec8050_2.4.18.R.bin weafama_2.4.18.R.bin weafamb_2.4.18.R.bin	
2015.04.08	2.4.19.R	wec8050_2.4.19.R.bin weafama_2.4.19.R.bin weafamb_2.4.19.R.bin	

2. Modification

[Version 1.0.3] – Initial Version

[Version 1.4.12]

Added/Modified :

- Jitter buffer control is supported for AP Uplink RTP packets. (By CLI)
 - ✓ configure/wlan 1/iuts
- The speed/duplex information of AP uplink port is supported in APC.
- The operation of AP console has been changed.
 - ✓ When CAPWAP is connected : disabled
 - ✓ When CAPWAP is disconnected: enabled.
- The operation of AP telnet/ssh has been changed
 - ✓ Default port has been changed (23->50023, 22->50022)
 - ✓ When CAPWAP is connected : according to the configuration on APC
 - ✓ When CAPWAP is disconnected : telnet=disabled, ssh=enabled
- **antenna pattern selection is supported (By CLI)**
 - ✓ configure/80211a/antenna
 - ✓ configure/80211bg/antenna
- AP LED can be turned off.
- [AP] Band-steering suspending function
- Branch Office Solution
 - ✓ Local Switching in remote AP
 - ✓ Remote AP group management
 - ✓ configuration save in remote AP
 - ✓ Survivable mode
 - ✓ internal hostapd in AP
 - ✓ internal radius server in AP
 - ✓ AAA-Override VLAN for station which connects to remote AP
- Smart Handover (Edge-AP based, RSSI based)
- AirMove supported (Supported stations: Galaxy S3, S4, Note2, Note3)
- MAC filter interoperating with RADIUS Server
- **VLAN is assigned automatically when a station uses a static IP address.**
- [WEC] English manuals have been removed in help menu.

Bug Fixes :

- Internal radius user information is not included when system configuration is imported/exported.
- A VLAN disappears after reboot if the VLAN name includes a space.
- When web-auth-type is 'customized', web-auth doesn't work if LOGO-file is not configured.
- APC list or NTP list can be configured incorrectly in AP.
- WLAN service can be stopped if big packets are received from a station.
- The count value of DCS Aware Option can be 0 in RRM
- Security weakness of web server (phpinfo.php is removed, trace method is disabled)
- [AP] AP can restart due to memory exception.
- [AP] An adjacent AP can be omitted in AP neighbor list.
- [AP] If CAPWAP Data DTLS is working, AP can be restarted intermittently.

[Version 1.4.13]

Added/Modified :

- Broadcast/Multicast filtering (Bonjour service support)
 - 63 APs per VLAN can be supported
 - Bonjour service between different subnets is not supported
- The procedure of APC package upgrade has been enhanced. (WEC)
- [AP] ftp mode has been changed from active to passive

Bug Fixes :

- Security weakness to SecuiScan
- Call statistics files are not transferred to WEM
- Voice statistics of AP is not shown if the AP id is ≥ 256 .
- If the httpd process receives a big URL request, it is restarted.
- MAC Filter Interval can be configured incorrectly.
- If a lobby ambassador creates a user account, the user cannot log in.
- The address of internal web server is set to 0.0.0.0 initially (changed so that it is set to the IP address of ap-mgmt-if)
- Wlan id which is ≥ 17 can be assigned into the default AP group.
- When a specific port runs as 10Mbps, some packets are dropped or delayed on the other port.
- Buffer resource can be reduced in forwarding engine when AirMove occurs.
- iPhone can fail to connect in case that it connected to a different WiFi previously.
- WEC can be non-accessible after booting.
- If a station associate/reassociate to a different BSSID without disassociation, the station fails to communicate.
- Memory leaks when IGMP snooping runs.

- [AP] When a remote AP changes to survival mode, a tunnel mode wlan does not become down state.
- [AP] When a handover occurs between bands in the same AP, EAPoL timeout happens.
- [AP] AP can restart after the file system is changed to read-only.

[Version 1.4.15]

Bug Fixes :

- CVO (Controlled Voice Optimization) doesn't work.
- [AP] When DFS channel is configured, BSS down alarm is generated.
- [AP] AP can restart several times after it is upgraded.

[Version 1.5.9]

Added/Modified :

- SLM license is supported
- SNMP v3 user management on WEC
- Video Call Admission Control
- Multicast Stream Admission Control
- Captive Portal enhancement
 - Session cache management
 - session count management
 - guest user-id length is extended.
 - company information for guest user
 - sponsor information for guest user
 - random generation feature for guest user-id & password
 - to print a guest information
 - to import/export guest information
- Registration of guest users is limited to 512.
- The source IP address in DHCP relayed packet will be selected automatically according to routing table.
- ACL function for wireless broadcast/multicast
- Role Based Access Control
 - Supported for 802.1x users
 - Tunneled Mode : ACL/QoS/VLAN per user
 - Local Switching Mode : ACL/VLAN per user

- Packet capture for AP/station
- The max count of WLAN has been extended to 255 (One AP can support up to 16 WLANs)
- An AP group which includes a root AP can service up to 15 WLANs.
- CAPWAP Auto Discovery is enabled as default.
- CAPWAP Auto Discovery can be configured on WEC.
- Integrated management of AP account on APC
- The operation of AP console has been changed.
 - When CAPWAP is connected : according to the configuration on APC
 - When CAPWAP is disconnected: enabled.
- Country code selection is limited if AP Model Type is XAR.
- Branch Office solution enhancement
 - Broadcast/Multicast filtering
 - Captive portal supported (not supported in NAT network and survival mode)
- ANR(Automatic Neighbor Relation) based H/O
- When a country code is North America, TxPower complies to FCC regulation.
- Detection/containment of Rogue AP based on white-list
- SON (Self Organizing Network)
 - Dynamic Channel/TxPower Optimization
 - Coverage Hole Detection & Control
 - Sleeping cell detection
 - AP Energy Saving Management
- [AP] Model Type is added in version information. (General/XAR)
- [AP] auto discovery type supported
 - Static IP mode: Last Connected APC -> broadcast -> multicast
 - DHCP IP mode: Last Connected-APC -> DHCP option -> broadcast -> multicast
- [AP] The default value of discovery type has been changed(DHCP -> auto)

Bug Fixes :

- APC can enter to debugging mode due to corrupted DB file for alarm/event.
- auto-discovery-ap-group has been configured, but AP is assigned to default-ap-group after connecting to APC via auto-discovery.
- Guest user authentication remains after the guest user has been deleted.
- NAT and port-forwarding cannot be configured simultaneously in WEC.
- Internal radius user information is not forwarded to remote AP if ssh/sftp port is changed on APC.
- When MAC-Filter allow policy is applied, the allowed station is disconnected from APC.
- After a WLAN is deleted and added, the configuration values can be different from default.

- When country code is changed, the running channel in AP can diff from the configured channel in APC.
- Very big values can appear in station traffic information.
- APC's SSID is not registered to white-list automatically.
- [AP] When VLAN configuration is changed, the DHCP IP address is not updated.

[Version 1.6.2]

Added/Modified :

- Management for up/down status of 3rd party AP
- [AP] The performance of buffered forwarding has been enhanced when AirMove works.

Bug Fixes :

- Multicast-to-unicast doesn't work on some WLANs.
- [AP] The RSSI value of station can be gathered incorrectly.

[Version 1.6.4]

Added/Modified :

- Multicast Stream Handover
- A redirect-address can be configured for captive portal.
- The system allows stations to use VLAN's secondary IP Zone.

Bug Fixes :

- Broadcast/multicast packet is dropped when DTLS is configured.
- Multicast configuration for WLAN is not saved.
- Multicast streaming can be stopped on WLAN after some time.
- Forwarding engine can restart when DTLS works.
- Description for timezone CST is not correct.
- Managed AP can be detected as a rogue AP incorrectly.
- Google Play Store doesn't work under NAT environment.
- [AP] AP can restart after buffered forwarding when AirMove works.
- [AP] AP can fail to boot due to kernel loading error.
- [AP] AP can fail to reconnect to APC after disconnection when DHCP is used.

[Version 2.0.3]

Added/Modified :

- Rate limit is supported per user on local switching WLAN
- **Role Based Access Control**
 - Supported for 802.1x users
 - Tunneled Mode : ACL/QoS/VLAN per user (already)
 - Local Switching Mode : ACL/QoS/VLAN per user (QoS added)
- Network-quality related statistics is enhanced
- Distributed AP-upgrade is supported
- AP SNMP configuration is supported
- Intensified security for operator-account
- Air Packet Capture is supported (By CLI)
- TACACS+ server interoperation for operator-account authentication
- Package is rolled back if APC upgrade fails.
- APC system can back up its configuration data to external server periodically. (By CLI)
- SALB (Station-based Adaptive Load Balancing) is supported
- Special characters are allowed for APC login ID.
- SIP monitoring port configuration is supported.
 - SIP port which FMC station uses needs to be configured.
 - SIP port 5080 has to be configured in case of Samsung FMC station.
- Footnotes for Max Allowed Stations has been added.
- Station information is sent to syslog server when it connects to AP.
- Additional APs are supported (WEA312i, WEA313i)
- Additional APs are supported (WEA412i, WEA403i)
- [APC boot] User alarm is generated if partition swap happens due to booting failure.
- [AP] Hybrid monitoring is supported (WEA312i/313i/412i/403i)
- [AP] Standalone mode is supported
- [AP] Discovery via DNS is supported

Bug Fixes :

- APC can be restarted during snmpwalk execution
- WLAN service can be stopped for a moment if abnormal assoc frame is received.

Attention :

- **Not recommended version (refer to v2.0.4)**

[Version 2.0.4]**Added/Modified :**

- configure/system/license/analyze command is added

Bug Fixes :

- salbm & wids & apclt process crash (v2.0.3)
- An Old DB is used after DB import (v2.0.3)
- [WEA3xx] WiFi can be disconnected due to CCMP replay

[Version 2.2.4]

Added/Modified :

- Additional APs are supported (WEA403e, WEA413i)
- Multi-Antenna configuration is supported (WEA302i/303i/403i)
- Interoperation with WIPS Server
- User QoS per WLAN
 - Limitation: it is not supported in local switching mode.
- IP address assignment based on Device OS type
- QoS based on Device OS-type
- The order of configuration menu has been rearranged.
- Information is supported for a tool to analyze FMC quality.
- [WEA4xx] Repeater is supported
- [WEA4xx] Air Packet Capture is supported

Bug Fixes :

- DHCP renew can fail on station
- 'static address disallow' feature doesn't work for some stations.
- A station can fail to get dynamic IP address if 'static IP disallow' is configured.
- Openssl heartbleed bug
- Key is not updated on handover when Dynamic WEP is used.
- DHCP duplicated packets can be generated on APC (from v1.5)
- iPad station can fail to get a dynamic IP address. (Recent iPad)
- Although AP's Radio is off, the AP is detected as neighbor.
- [AP] Radio can be down if radar is detected when DFS channel is used.
- [AP] AP can fail to boot if power is removed during image upgrading.

[Version 2.2.7]

Added/Modified :

- WEA4xx POE type can be configured (802.3at, 802.3af, auto, default=802.3at)

Bug Fixes :

- Guest information can be retrieved without login.

- WLAN service can be stopped for a while during interoperation with WIPS server.
- APC can be restarted when ip route is added.
- AP can't connect to APC after CAPWAP port is changed.
- [WEA4xx] Kernel crashes during running
- [WEA4xx] Kernel loading failure during booting.
- [WEA4xx] AP fails to communicate with station due to the TX failure of ARP packet.

[Version 2.2.11]

Added/Modified :

- RADIUS CoA function is supported.
- One Time Redirection function is supported.
- ftp/sftp/http/https public port can be configured.
- Wireless Multicast Proxy function is added.
 - A representative VLAN is used for multicast communication with backbone switch/router.
 - It can resolve the problem that stations can receive duplicated multicast packets.
 - Related CLI: configure/wireless-multicast-proxy <representative-user-vlan-id>
- VQM related functions are supported according to VQM license.
- The file format for downloading in captive-portal is changed from php to tar.
- telnet service is disabled by default.
- [Standalone-AP] NAT/DHCP are supported.
- [WEA4xx] AirMove is supported.
- [WEA4xx] CAPWAP Data DTLS is supported.
- [WEA4xx] Hybrid Spectrum Analysis is supported.
- [WEA4xx] CLM data is updated according to CE & FCC certificate.

Bug Fixes :

- A guest user cannot use '@' sign as username/password.
- vulnerability to openssl MITM attack.
- AP/APC can be abused as attack source via SSH tunnel.
- [AP] TCP RetransSegs value is displayed as very high abnormally.
- [AP] The size of resource log file can be increased continuously.

[Version 2.3.5]

Added/Modified :

- Device/station/AP information is forwarded when the device is redirected to external captive portal.
- The default value of AP PoE type is changed to auto (US case)

- OS-aware VLAN allocation should be preferred to AAA override.
- Detection and protection of ICMP/ARP Flooding Attack (By CLI)
- Tx Power range is adjusted according to country/channel
- WEA4xx temperature alarm supported (By CLI)
 - alarm on/off level
 - alarm control type (NoOperation/RadioOnOff, Default=NoOperation)
- openssl is upgraded (1.0.1i)
- [WEA4xx] repeater AP feature is changed.
 - A communication method between root AP & repeater AP is changed.
 - The count of repeater APs which can connect to a root AP is changed from 6 to 1.
 - A repeater supports local bridging also.
- [WEA4xx] Device information is provided to switch via LLDP.

Bug Fixes :

- When guest users are authenticated against ISE, NAS-id & called/calling-station-id are missing in radius req message.
- A redirection page is not opened during One Time Redirection.
- TCP MSS adjustment doesn't work while OS-aware & subnet-aware VLAN assignment is configured.
- When a remote-AP reconnects to an APC, station information is not updated on the APC.
- When APC is restarted, radio bandwidth and MCS configuration for an AP are not restored.
- [AP] AP can fail to boot due to corrupted page of NAND flash memory.
- [AP] booting failure due to bad blocks of NAND flash memory
- [WEA4xx] packets can be dropped when multi-antenna mode is dynamic.
- [WEA4xx] All the stations associated to 5G radio can be disconnected due to idle timeout.
- [WEA4xx] AP can be restarted when stations are disconnected.
- [WEA4xx] AP can be restarted after radio configuration is disabled and enabled.

Attention :

- **Not recommended version (refer to v2.3.8)**

[Version 2.3.8]**Bug Fixes :**

- APC can fail to boot after upgrade/reboot command (v2.3.5)
- CPU usage can be 100% in a specific core after long days.

[Version 2.3.11]

Added/Modified :

- If MAC authentication fails, the corresponding station can be blocked or allowed.
 - How to block/allow : `configure/security/mac-filter/filter# mac-auth enable|disable`
 - Blocking time : `configure/security/mac-filter/filter# mac-auth-time`
- The length of guest id is extended to 127.

Bug Fixes :

- '#' character is not allowed as password of Local Net User.
- bash shell weakness
- DHCP service doesn't work after a vlan shutdown.
- Some channels cannot be enabled after upgrade
- SIPALG module crashes if it receives a SIP packet which includes TEL URI.
- Network forwarding fails when fragmented packets are received during mirroring.
- NSM memory leaks when multicast is enabled.
- NSM memory leaks when AP re-connects to APC
- CHDC doesn't work if cluster is configured.
- [AP] Country setting cannot be changed on standalone AP
- [WEA4xx] When 2.4G and 5G BSS are mapped to the same VLAN in local switching mode, communication fails between 2.4G and 5G stations.
- [AP] memory leaks if tech-support data is gathered via sftp.

[Version 2.4.12]

Added/Modified :

- DPI (deep packet inspection)
 - 28 Applications-Aware
 - Classification of Application
 - QoS/ACL/Traffic Statistics per Application
 - QoS/ACL/Traffic Statistics of Application per User, WLAN, Device
- 75 AP groups supported
- AP-Group/Remote-AP-Group Integration
- RBAC Enhanced
 - URL-redirect service
 - Role assignment by filter-id attribute
 - conditional role derivation by identity-basis (ex, if ID starts with emp, set employee role)
- Split tunnel supported (allows to optimize traffic flow. Traffic may be tunneled to the controller, or

forwarded directly by AP according to ACL in the remote AP)

- Wizard for APC initial configuration
- VLAN Secondary IP supported
- Member management of Interface Group by IP
- acl-profile management per Remote AP Group
- License Redundancy
- License with AP-count=0 is supported
- Automatic scheduled configuration backup
- Buffered forwarding in legacy handover
- SSID length is extended up to 32.
- 2 Factor (L2 & L3) Authentication
- MAC Auth + Web Auth
- DHCP flooding (Transparent DHCP Packet Forwarding to the same VLAN)
- MCS configuration per WLAN
- Traffic load based Energy Saving
- Downed AP is displayed in APC monitor page.
- Max login count of captive-portal is not limited
- Default TCP MSS size is changed into 1400
- Device type based statistics
- Peak count for specific duration is provided in statistics.
- Outdoor AP is supported (WEA453e)
- 2 Hop Service (supported only with WEA4xx)
- speed/duplex are displayed for both of WEA4xx Ethernet ports.
- WEA4xx link aggregation configuration (CLI: configure/ap/profile# link-aggregation)
- [AP] When wlan-vlan mapping is configured in remote AP, stations are induced to re-associate.
- [WEA3xx] Device information is provided to switch via LLDP.
- [WEA4xx] repeater AP feature is changed.
 - The count of repeater APs which can connect to a root AP is changed from 1 to 6.
- [AP] When WIPS is enabled, LED blink on/off can be configured (default=on, default-blink-time=30s)
- [Standalone sensor AP] When the AP is disconnected with WIPS Server, it blinks with bluish-green at 1 second interval.

Bug Fixes :

- [GUI] the ping process continues endlessly if there is no ping response.
- If timed-ACL runs while VQM license is not installed, forwarding engine is crashed.

- If a remote relative-path is used, APC system cannot back up its configuration data to external server periodically.
- Pre-Authentication ACL is not configured if WLAN ID is greater than 240.
- When APC is not registered to SCME, memory leaks in Smart Handover module.
- APC can restart rarely when buffered-forwarding is enabled and handover happens.
- awmb process can generate CPU load alarm when the APC system interoperates with WIPS server.
- A VRRP interface cannot be configured as a ap-mgmt-if.
- A station which requests DHCP by broadcast fails to get an IP address.
- awmb process can be restarted when 'show 80211bg hybrid-mode global' is executed.
- [AP] If there is not 'root' account in AP, the AP is not connected via telnet.
- [AP] System Name in LLDP is not showing AP Name.
- [WEA3xx] When radar is detected in DFS channels, some BSSs can be down.
- [WEA31x] After the admin state of AP is disabled and enabled, hybrid monitoring doesn't work.
- [WEA4xx] When CAPWAP is disconnected, the system can run into a crash.
- [WEA4xx] After packet capture, hybrid monitoring doesn't work.
- [WEA4xx] If only 1 radio is enabled, hybrid scanning doesn't work.
- [WEA4xx] After radio down, then tech-support, and then radio up, the radio doesn't work.
- [WEA4xx] AP booting fails due to the operation error of NAND driver.

[Version 2.4.17]

Added/Modified :

- MAC filter registration is supported when MAC authentication is successful.
- APC provides AP's CPU/MEM usage via SNMP

Bug Fixes :

- [GUI] Password cannot be changed after APC factory-reset.
- Although MAC authentication fails, the station is connected to the network.
- Client IP address is used as NAS IP from the captive portal.
- Guest information may not be created when a station associates.
- CPU high alarm and crash due to hostapd process.
- The forwarding engine is restarted if AP's IP address conflicts with station's IP address.
- Stations cannot be connected after upgrade if many http session files were created.
- Stations cannot be connected when the system time is changed.
- ACL rule cannot be added if ACL name includes hyphen on GUI
- CPM crash when a guest types %s in password.
- MCS configuration per WLAN is not saved

- Ftp service may be stopped due to ram disk exhaustion.
- Ping may fail between 2 WEC8050s (When MAC addresses of 2 systems are adjacent)
- [AP] Communication fails among stations, when a remote AP re-connects to APC momentarily.
- [WEA3xx] Standalone AP crashes when 'auto channel selection' is configured.
- [WEA4xx] AP may crash during handover.
- [WEA4xx] In case of local switching mode, broadcast packets are forwarded to all BSS.
- [WEA4xx] In case of local switching mode, GARP packet is transmitted to a wrong VLAN.

Attention :

- **Not recommended version (refer to v2.4.18)**

[Version 2.4.18]

Bug Fixes :

- When MAC Auth and MAC filter have been configured, awmb process can be restarted if a station is kicked out by MAC Auth.

[Version 2.4.19]

Bug Fixes :

- [WEA4xx] Containment doesn't work and memory leaks out when it runs as WIPS sensor mode.
- [WEA4xx] Statistics per 11ac MCS rate is displayed as 0.

3. Attention to APC License

❑ License variety

- 1) legacy license : is issued as 53byte license key.
- 2) SLM license : is issued as activation key file which includes a 25byte license key.

❑ Supported version

- 1) legacy license : from v1.0
- 2) SLM license : from v1.5
- 3) SLM redundant license: from v2.4

❑ Limitation

- 1) To install/uninstall a legacy license in GUI is not supported from v1.5.
- 2) When downgrading to v1.4+lower, SLM license key is erased.
- 3) When downgrading from v2.0+higher to v1.6+lower, SLM license key is erased.
- 4) The SLM redundant license cannot be uninstalled in v2.3+lower.

5) SLM standalone license and SLM redundant license cannot be installed simultaneously.

6) SLM Redundant License Limitation

6.1) When you want to change APC configuration (Active-Standby <-> Standalone), a new license should be installed again.

6.2) When you want to replace active or standby APC, a new license should be installed again.

6.3) When Active APC and Standby APC stay disconnected for 60 days or more, the license is removed automatically on Standby APC. (When the cluster connection between Active APC and Standby APC gets restored again, the license will be activated automatically on Standby APC)

❑ Caution (v2.3+lower)

1) When a license is installed/uninstalled, it is applied on next booting time.

❑ Caution (v2.4+higher)

1) When a license is installed/uninstalled, it is applied at once.

2) When a license is uninstalled, APs are disconnected at once.

3) If VQM license is enabled during running, call related functions can operate incorrectly.

4. Attention to APC Upgrade

Upgrade Case	Attention
v2.2 -> v2.3+higher	If repeater service is being used via WEA4xx, Repeater AP should be upgraded before root AP.
lower -> v2.4+higher	Because Remote AP Groups are removed, they should be re-configured.