



Bulletin No.: WLAN_005_v2.3.8.T1

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Software Version V2.3.8.T1 for Samsung WEC8500/WEC8050 Controllers And Access Points Available Now!



Samsung Telecommunication America is pleased to announce software package V2.3.8.T1 is now available.

HIGHLIGHTED NEW FEATURES in v2.3.8.T1

- Support new WEA400 series of 802.11ac access points. (*WEA400 series of AP will be released soon.*)
- Support for Standalone AP mode.

NEW ENHANCEMENTS in V2.3.8.T1

The following new features and enhancements are available in V2.3.8.T1 software.

1. AP count is extended for centralized: max 1000 EA, and distributed: max 3000EA
2. Rate limit is supported per user on local switching WLAN
3. Network-quality related statistics is enhanced
4. Distributed AP-upgrade
5. AP SNMP configuration
6. Intensified security for operator-account
7. Air Packet Capture (By CLI)
8. TACACS+ server interoperation for operator-account authentication
9. Package is rolled back if APC upgrade fails.
10. APC system can back up its configuration data to external server periodically.
11. SALB (Station-based Adaptive Load Balancing)
12. Special characters are allowed for APC login ID
13. SIP monitoring port configuration
14. FMC stations SIP Port configuration
15. 802.11AC (WEA412i, WEA403i) APs
16. Multi-Antenna configuration (WEA302i/303i/403i)
17. Interoperation with WIPS Server
18. Station QoS per WLAN
19. IP address assignment based on Device OS type
20. QoS based on Device OS-type
21. AP Hybrid monitoring (WEA302i/303i/412i/403i)
22. Standalone AP mode
23. AP Discovery via DNS
24. WEA4xx Repeater
25. WEA4xx Air Packet Capture
26. WEA4xx POE type configuration (802.3at, 802.3af, default=auto, 802.3at)
27. OS-aware VLAN allocation should be preferred to AAA override
28. Detection and protection of ICMP/ARP Flooding Attack (By CLI)
29. RADIUS CoA function
30. One Time Redirection function
31. ftp/sftp/http/https public port configuration
32. APs per VLAN in multicast service increase from 63 to 500.
33. Wireless Multicast Proxy
34. A representative VLAN is used for multicast communication with backbone switch/router.
35. Related CLI: configure/wireless-multicast-proxy <representative-user-vlan-id>
36. VQM related functions are supported according to VQM license.
37. Captive-Portal file format is changed from php to tar.
38. Telnet service is disabled by default.

39. Standalone-AP NAT/DHCP
40. WEA4xx Air Move
41. WEA4xx CAPWAP Data DTLS
42. WEA4xx Hybrid Spectrum Analysis.
43. Multi-Antenna configuration(WEA302i/303i/403i)
44. Interoperation with WIPS Server
45. Station QoS per WLAN
46. IP address assignment based on Device OS type
47. QoS based on Device OS-type
48. FMC Quality Analysis.
49. WEA4xx Repeater
50. WEA4xx Air Packet Capture

Standalone Product Overview

We are pleased to announce that you can now convert our controller based Access Points to standalone for your small system deployments.

Standalone AP Feature Highlights

- Controller based AP can be converted to the standalone AP and vice versa.
- No license is required when operating in standalone AP mode.
- Samsung unique features remain:
 - Air Equalize
 - VoIP optimization
 - VoIP uplink traffic shaping
 - Intelligent beam selectable antenna
- Support 16 SSIDs.
- Support 802.11a/b/g/n/ac (depends on the model).
- Support layer 2 access mode and layer 3 Wi-Fi router mode.
- Support 802.11d.
- Web browser GUI.



ACCESS POINT COMPATIBILITY

The compatible APC and AP software versions are:

APC Model	AP Controller Software	Access Points 3xx	Access Points 4xx
WEC8500 Controller	wec8500_2.3.8.T1	weafama_2.3.8.T1	weafamb_2.3.8.T1
WEC8050 Controller	wec8050_2.3.8.T1	weafama_2.3.8.T1	weafamb_2.3.8.T1

NOTE: When upgrading to V2.3.8.T1 make sure to use the compatible Access Point software.

AVAILABILITY

Please contact Technical Support to obtain both APC & AP software files. A Samsung Assurance agreement must be active for each site to upgrade the software and to receive the technical support.

CERTIFICATION & TRAINING

This new software does not require any additional certification. Certified WLAN technicians/engineers will be grandfathered over to this new software version.

DOCUMENTATION

The following Samsung WLAN technical documents have been upgraded to support are available on GSBN for download > Communication, Technical Support, Technical Manuals WE

- WLAN System Description Manual
- Standalone AP Manual
- Standalone AP training slides

WARRANTY INFORMATION**Hardware**

WLAN access points come with a two (2) year warranty from purchase date.

If there are any questions regarding this notice, please contact your Regional Sales Manager or Samsung Technical Support via email at we.support@samsung.com.