

Release Notes for Cisco Catalyst 9800 Series Wireless Controller, Cisco IOS XE 17.15.5

Base WLC Code: 17.15.5

The base Catalyst 9800 version must be 17.15.5 to install these SMUs & APSPs.
Notes:

APSP - AP Service Pack to fix AP issues.

- WLC reload is not required. Once installed, APs will proceed to update images and go with staggered reboot.

SMU - WLC patch fix.

- COLD/RELOAD SMU – Requires WLC reload.
- HOT/HITLESS – Seamless WLC patch fix.

Support matrix for Prime Infrastructure - PI/ISE/SDA/DNAC/DNA Spaces/IRCM remains as documented in the Release Notes per Compatibility matrix -

https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/17-9/release-notes/rn-17-9-9800.html#id_104423

SMU & APSP Install Instructions:

<https://www.cisco.com/c/dam/en/us/td/docs/wireless/controller/9800/17-3/deployment-guide/c9800-ha-rau-apsp-apdp-issu-dg-rel-17-3.pdf>

APSP Resolved Caveats:

CSCwu75356 APSP5 17.15.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.15.5.205

CSCwt50389 Ascom Myco2 phones are not able to connect to 9176 APs due to EAP_ID_REQ or M2 not acked by AP

CSCwu04935 9178: AP continuously reloading with "NSS CAPWAP tunnel creation failed" log when vlan-tag is enabled

CSCwu60040 APSP3 17.15.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.15.5.203

CSCws68505 AP crash due to kernel panic

CSCwu14499 APSP2 17.15.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.15.5.202

CSCws93044 AP does not transmit beacons for over one second right after the client connects
CSCwt53362 BGL18 Alpha: APs Unreachable Post C9300 Access Switch Upgrade
CSCwt08175 AP Kernel Panic due to Use-After-Free Race Condition in SPSCPRIORITYQueue::push()
CSCwr07706 C9120 txerr noticed followed by Dot11BaseDriver Recover for cause : 48 - Toggling radio CS00012430791
CSCwt24610 gaps in panic log - /dev/kmsg tail is not reflecting correctly in panic log
CSCwt19117 Dot11u config is removed from AP so AP stops beaconing with dot11u impacting OpenRoaming
CSCwt09003 Clients not connecting to "FT+SAE" when AP is in flex connect mode with central authentication
CSCwt98551 AP does not transmit beacons for over one second right after the client connects - Continuation of CSCws93044
CSCwt19490 9800 WLC: Stale client IP used in RADIUS accounting causes ISE IP SGT/SXP overwrite
CSCwt19011 9166 17.15.4b AP in SDA mode not forwarding IPv4 ARP upstream or other IPv4 packets after DHCP
CSCws68479 Missing support for certain bands and channels in wifi6/6e regdb

CSCwt44784 APSP1 17.15.5 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.15.5.201

CSCws67290 BGL18 Alpha: Radio crash is seen on AP CW9174I
CSCwt33376 [DFS] 9124E AP Channel change doesnt happen after radar detection
CSCwt40021 17.15.5 HK Airport regulatory domain issue

SMU & APSP SPECIAL USE DISCLAIMER

The SMU & APSP supplied herewith is a Temporary Software Module which has undergone limited testing. The SMUs & APSPs can be installed on production to mitigate the Software issues. Customers are requested to migrate to next CCO release (Maintenance Release) when fixes are made available. Customers may not be provided with additional SMU & APSP fixes on this Branch when next CCO code (Maintenance Release) has fixes already integrated. **This code is supported by the TAC organization.**

