

Release Notes for Cisco Catalyst 9800 Series Wireless Controller, Cisco IOS XE 17.15.6

Base WLC Code: 17.15.6

The base Catalyst 9800 version must be 17.15.6 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/compatibility/matrix/compatibility-matrix.html#cisco-catalyst-9800-series-wireless-controller-matrix>

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:

CSCww15934 APSP3 17.15.6 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.15.6.203

CSCwr21879 skb memory related crashes on Wi-Fi7 APs

CSCwt83641 CW9172 AP radio forwarding failure in upstream path

CSCwv52872 AP may get stuck on boot when console is connected to unterminated cable (minimal fix)

CSCwt72800 CW9176I AP crash due to kernel panic with pc do_undefinstr+0x30/0x50

CSCwu21075 9166 AP Radio Interface down after booting up process

CSCwt47537 Kernel: BUG: Kfence: memory corruption in | use-after-free write in | use-after-free read in. In ap version 17.12.6.28

CSCwu66197 C9130AXI AP crashed due to Kernel panic after upgrading to 17.15.5.201(APSP 1)

CSCwr67611 6G channel power payload containing unexpected values

CSCwv17189 Possible kernel slab leak in 17.15.4bESW1 EWC RAP

CSCws68847 OOM crash observed after overnight run

CSCwu84328 Client connectivity issues on 9176 AP due to scheduler stuck

CSCwu66664 AP 9136 crashes generating capwapd core
CSCwv40106 aWIPS functionality broken post upgrade to Release 17.15.5
CSCwt66253 Upgrade Aquantia PHY firmware to v5.7.9
CSCwu33482 9124 RAP failed to join WLC after downgrading from 26.2.0.65 to 17.18.4.2/17.12.7/17.15.6
CSCwv08841 Client connectivity issues on AP due to scheduler stuck
CSCwv52931 When EWC AP in mesh mode (with PSK provisioning) is factory reset, the RAP must be reloaded in order for existing MAPs to join
CSCwv47563 Flex mode APs loses auth token and fails to come up on controller when moving across 9800-CL running on different versions

CSCwv96199 APSP1 17.15.6 to fix for All COS AP

AP Platforms: All COS APs

APSP version: 17.15.6.201

CSCwv93265 Downstream 802.11 action frames are not seen over the air

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.**

