

## Service Release Notes for WiNG 7.7.1.8-009R

**Note:** Service releases are made available to fix specific customer reported issues in a timely manner or known issues resolved in the main release. Service releases are not as extensively tested as main releases. The next maintenance or manufacturing release will incorporate all qualifying and preceding service releases.

This document is an addendum to the release notes for the 7.7.1.0-012R, 7.7.1.1-05R, 7.7.1.2-07R, 7.7.1.3-005R, 7.7.1.4-006R, 7.7.1.5-003R, 7.7.1.6-006R 7.7.1.7-005R release.

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## 1. NEW PLATFORMS AND FEATURES

### New Platforms

None

### New Features

Following features are added in this release:

CR/ESR	Description
WOS-5105	Imagotag Enhancements: Firmware Update / Claim ID
WOS-4529	Retrieve Hostname of Connected AP via DNS.
WOS-5213	Add Default GW in NOVA

## 2. RESOLVED ISSUES

Following is a list of CFDs/CRs fixed in this release:

CR/ESR	Description
WOS-5400	11ac (7522) WiNG APs rim crashes and reboots when OWE Transition configuration is applied
CFD-9052	AP410 and AP410C DPD2 crashes after upgrade to 7.7.1.6
WOS-5338	NX7 does not recognise USB flash at both port
WOS-5321	AP7662 /AP7612 : Smart-rf - Radio 2 not turning On, shows [no channel available] on "show wireless radio detail".
WOS-5303	Antenna-mode configuration should be based on data-rates for all the radios.
CFD-8777	Enforce-dhcp is denying DHCP clients
CFD-9317	AP410C-1 likely 200 times RIM crash in two days
CFD-9309	AP460S12C smart Radio 2 Off regulatory power requirement in dual 5GHz
WOS-5185	AP410i/e and AP460i/e power tables incorrect for Brazil
WOS-5160	Rim-core occurs while configuring dual 5GHz on AP410c-1.
CFD-9278	Driver Prints popping out and we see slowness in the Client
CFD-8885	AP310's TIM announces buffered data until the client disconnects
WOS-5126	Conducted Power reflected is not as per the compliance table, when data-rate set to b-only.
WOS-4963	802.11r Fast roaming with WPA3 security mode is not working on all 802.11ax APs

## 3. KNOWN ISSUES

There are no known issues in this release.

**4. PLATFORMS SUPPORTED**

WiNG 7.7.1.8. supports the following platforms with the corresponding firmware images:

<b>Model</b>	<b>Firmware Image</b>
AP302W	AP302W-LEAN-7.7.1.8-009R.img (included in all Controller images)
AP305C/AP305CX AP305C-1	AP3xxC-LEAN-7.7.1.8-009R.img (included in all Controller images)
AP410C/AP460C AP460S6C/AP460S12C AP410C-1	AP4xxC-LEAN-7.7.1.8-009R.img (included in all Controller images)
AP310/360	AP3xx-7.7.1.8-009R.img AP3xx-LEAN-7.7.1.8-009R.img (included in all Controller images)
AP410/460	AP4xx-7.7.1.8-009R.img AP4xx-LEAN-7.7.1.8-009R.img (included in all Controller images)
AP505/510/560	AP5xx-7.7.1.8-009R.img AP5xx-LEAN-7.7.1.8-009R.img (included in all Controller images)
AP7522	AP7522-7.7.1.8-009R.img AP7522-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP7532	AP7532-7.7.1.8-009R.img AP7532-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP7562	AP7562-7.7.1.8-009R.img AP7562-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP8533	AP8533-7.7.1.8-009R.img AP8533-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP8432	AP8432-7.7.1.8-009R.img AP8432-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP7612	AP7612-7.7.1.8-009R.img AP7612-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP7632	AP7632-7.7.1.8-009R.img AP7632-LEAN-7.7.1.8-009R.img (included in all NX controller images)
AP7662	AP7662-7.7.1.8-009R.img AP7662-LEAN-7.7.1.8-009R.img (included in all NX controller images)

Controller Platform	Firmware Image
NX9500/NX9510	NX9500-7.7.1.8-009R.img, NX9500-LEAN-7.7.1.8-009R.img
NX9600/NX9610	NX9600-7.7.1.8-009R.img, NX9600-LEAN-7.7.1.8-009R.img
NX75XX	NX7500-7.7.1.8-009R.img, NX7500-LEAN-7.7.1.8-009R.img
NX5500	NX5500-7.7.1.8-009R.img, NX5500-LEAN-7.7.1.8-009R.img

Virtual Platform	Firmware Image
VX9000–production iso/img image	VX9000-INSTALL-7.7.1.8-009R.iso, VX9000-7.7.1.8-009R.img, VX9000-LEAN-7.7.1.8-009R.img

**Note:**

**APXXX-LEAN-7.7.1.8-009R.img** – built **without GUI component**. AP lean images are also bundled within controller full image.

**NXXXXX-LEAN-7.7.1.8-009R.img** – built **without AP images**.

**5. FIRMWARE UPGRADE/DOWNGRADE PROCEDURE**

The method described in this section uses the Command Line Interface (CLI) procedures. To log into the CLI, use either Secure Socket Shell (SSH), Telnet or serial access.

For detailed upgrade procedure, refer to [WiNG 7.7.1.0 release notes](#).

**Upgrade from WiNG v7.x.x.x to WiNG v7.7.1.8**

1. Copy the controller image to your tftp/ftp server.
2. Use the `—upgrade ftp://<username>:<password>@<ip address of server>/<name of file>`, or `—upgrade tftp://<ip address of server>/<name of file>` command from CLI or Switch->Firmware->Update Firmware option from the GUI.  
*Note: You may need to specify the username and password for your ftp server.*
3. Restart the controller. To restart the controller, use the `<reload>` command on the CLI.