

Service Release Notes for WiNG 7.7.1.2-007R

Note: Service releases are made available to fix specific customer reported issues in a timely manner or known issue resolved in 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 and 7.7.1.1-05R release.

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1. FEATURES

This release doesn't support any new WiNG distributed features.

2. RESOLVED ISSUES

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

CR/ESR	Description
WOS-3519/ CFD-7109	High noise detected on AP460e
WOS-3594/ CFD-6810	Wireless CT40 clients associated but one way communication
WOS-3638/ CFD-7570	AMPDU stalls transmission on AP310/AP7522
WOS-3291/ CFD-7278	AP7632 stops discovering new bonjour services on WiNG 7.6.3.0
WOS- 3639/ CFD-7832	DPDC core and CFGD crash on WiNG 7.4.0
WOS-3607	Enable USB port for all power input sources
WOS-3324/ WOS-3586	Add Myanmar (MM) for all HOS APs (AP3XXC, AP4XXC/SC)
CFD-7657	IOT Imagotag generates duplicate AP-ID on APs
WOS-3561	USB dongle looks connected but does not communicate
CFD-6861	Fixed an issue caused by magic IPv6 on QCA architecture when ethernet is splayed between the cores
CFD-7440	Protected-management frame config not saved to startup-config
CFD-7497	AP310 Error with WPA-TKIP handshake on WiNG 7.7.1.0-012R
CFD-7564	AP460S6C/AP460S12C unable to configure dual 5Ghz mode (profile and override)

3. IMPORTANT NOTES

New commands in v7.7.1.2

ap410-FD5664(config-device-48-9B-D5-FD-56-64-if-radio1)#data-rates mcs-max ?
<0-7> Configure the mcs-max

ap410-FD5664(config-device-48-9B-D5-FD-56-64-if-radio1)#data-rates max-retry ?
<1-15> Configure the max retry value

ap410-FD5664(config-device-48-9B-D5-FD-56-64-if-radio1)# wireless-client rx-inactivity-timeout ?

<0-86400> Inactivity timeout in seconds. If a frame is not received from a wireless client for this amount of time, the client is disassociated

ap410-FD5664(config-device-48-9B-D5-FD-56-64)# service reset-on-inactivity ?

Enable reset_on_inactivity on the radio

Known Issues

None

4. PLATFORMS SUPPORTED

WiNG 7.7.1.2 supports the following platforms with the corresponding firmware images:

AP Platforms	Firmware image
AP302W	AP302W-LEAN-7.7.1.2-007R.img (included in all Controller images)
AP305C/AP305CX	AP3xxC-LEAN-7.7.1.2-007R.img (included in all Controller images)
AP410C/AP460C AP460S6C/AP460S12C	AP4xxC-LEAN-7.7.1.2-007R.img (included in all Controller images)
AP310/360	AP3xx-7.7.1.2-007R.img AP3xx-LEAN-7.7.1.2-007R.img (included in all Controller images)
AP410/460	AP4xx-7.7.1.2-007R.img AP4xx-LEAN-7.7.1.2-007R.img (included in all Controller images)
AP505/510/560	AP5xx-7.7.1.2-007R.img AP5xx-LEAN-7.7.1.2-007R.img (included in all Controller images)
AP 7522	AP7522-7.7.1.2-007R.img AP7522-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 7532	AP7532-7.7.1.2-007R.img AP7532-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 7562	AP7562-7.7.1.2-007R.img AP7562-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 8533	AP8533-7.7.1.2-007R.img AP8533-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 8432	AP8432-7.7.1.2-007R.img AP8432-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 7612	AP7612-7.7.1.2-007R.img AP7612-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 7632	AP7632-7.7.1.2-007R.img AP7632-LEAN-7.7.1.2-007R.img (included in all NX controller images)
AP 7662	AP7662-7.7.1.2-007R.img AP7662-LEAN-7.7.1.2-007R.img (included in all NX controller images)

Controller Platform	Firmware Image
NX 9500/ NX 9510	NX9500-7.7.1.2-007R.img, NX9500-LEAN-7.7.1.2-007R.img
NX 9600 / NX 9610	NX9600-7.7.1.2-007R.img, NX9600-LEAN-7.7.1.2-007R.img
NX 75XX	NX7500-7.7.1.2-007R.img, NX7500-LEAN-7.7.1.2-007R.img
NX 5500	NX5500-7.7.1.2-007R.img, NX5500-LEAN-7.7.1.2-007R.img

Virtual Platform	Firmware Image
VX 9000 ¹ –production iso/img image	VX9000-INSTALL-7.7.1.2-007R.iso, VX9000-7.7.1.2-007R.img, VX9000-LEAN-7.7.1.2-007R.img
VX 9000 – demo iso image	VX9000-DEMO-INSTALL-7.7.1.2-007R.iso ²

Note:

APXXX-LEAN-7.7.1.2-007R.img - built **without GUI component**. AP lean images are also bundled within controller full image.

NXXXXX-LEAN-7.7.1.2-007R.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, either Secure Socket Shell (SSH), Telnet or serial access can be used.

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

Upgrade from WiNG v7.x.x.x to WiNG v7.1.1.2

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.