

**Service Release Notes for WiNG 7.9.0.1-007R**

**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.

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## 1. NEW PLATFORMS AND FEATURES

### New platforms

None

### New Features

None

## 2. RESOLVED ISSUES

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

CR/ESR	Description
CFD-8806	Flash now disabled by default
CFD-8820	Added checkbox to set reauthentication timer for WLAN
CFD-8906	Improved AP stability deployed with dot1x authentication for Wired uplink
WOS-4746	[NOVA]: Wlan-QoS-Policy support
WOS-4747	[NOVA]: NOC controller and controller adoption support
WOS-3904	AP5010: Improved Radio 3 visibility on Windows Client SSID List
WOS-4456	AP5010: Resolved A-MSDU data frames not being aggregated on Radio 1
WOS-4539	AP5010: Resolved AP not getting IP address when LACP enabled
WOS-4695	AP5010: Multiband Operation (MBO) now enabled by default for 6GHz (Radio 3)
WOS-4742	AP5010: Improved downlink multicast throughput on all 3 Radios
WOS-4754	AP5010: Added MSTP support to prevent looping when connecting both eth0 and eth1 to same switch
WOS-4772	Corrected AP302W not properly broadcasting SSID(s)
WOS-4914	Improved Client Bridge support on 11ax APs

### 3. KNOWN ISSUES

Following is a list of known issues in this release:

CR/ESR	Description
WOS-4605	AP5010: Client Bridge- Show wireless bridge host updating wrong IP address.
WOS-4786 WOS-4910	AP5010: 802.11r Fast roaming with WPA3 security mode is not working on all the 3 radios
WOS-4953	AP5010: Radio 3 is turned off throwing "Invalid channel-list" error while configuring 40/80/160Mhz channels on Bridge AP
WOS-4824	NOVA UI cannot show more than 200 clients
WOS-4882	AP5010: Channel utilization(ch)(%) value is not updating in the controller for all the 3 radios
WOS-4883	AP5010: Smart-rf related show commands are not working properly on all three radios.
WOS-4884	AP5010: Sensor fails to scan 5G channels when radio3 is on
WOS-4893	Smart-rf: AP5010 not updating details of other AP5010 in "show smart-rf ap neighbors on rfdo" on all three radios.
WOS-4907	Client count is not updating in "show wireless rf-domain statistics detail" output in the controller when custom RF-domain policy applied to more than 1 device.

### 4. PLATFORMS SUPPORTED

WiNG 7.9.0.1 supports the following platforms with the corresponding firmware images:

AP Platforms	Firmware Image
AP5010	AP5xxx-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP302W	AP302W-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP305C/AP305CX AP305C-1	AP3xxC-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP410C/AP460C AP460S6C/AP460S12C AP410C-1	AP4xxC-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP310/360 AP310i-1 AP310e-1	AP3xx-7.9.0.1-007R.img AP3xx-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP410/460 AP410i-1	AP4xx-7.9.0.1-007R.img AP4xx-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP505/510/560	AP5xx-7.9.0.1-007R.img

AP Platforms	Firmware Image
AP510i-1	AP5xx-LEAN-7.9.0.1-007R.img (included in all Controller images)
AP7522	AP7522-7.7.1.5-003R.img AP7522-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP7532	AP7532-7.7.1.5-003R.img AP7532-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP7562	AP7562-7.7.1.5-003R.img AP7562-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP8533	AP8533-7.7.1.5-003R.img AP8533-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP8432	AP8432-7.7.1.5-003R.img AP8432-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP7612	AP7612-7.7.1.5-003R.img AP7612-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP 7632	AP7632-7.7.1.5-003R.img AP7632-LEAN-7.7.1.5-003R.img (included in all NX controller images)
AP7662	AP7662-7.7.1.5-003R.img AP7662-LEAN-7.7.1.5-003R.img (included in all NX controller images)

Controller Platform	Firmware Image
NX9600 / NX9610	NX9600-7.9.0.1-007R.img, NX9600-LEAN-7.9.0.1-007R.img
NX75XX	NX7500-7.9.0.1-007R.img, NX7500-LEAN-7.9.0.1-007R.img
NX5500	NX5500-7.9.0.1-007R.img, NX5500-LEAN-7.9.0.1-007R.img

Virtual Platform	Firmware Image
VX9000–production iso/img image	VX9000-INSTALL-7.9.0.1-007R.iso, VX9000-7.9.0.1-007R.img, VX9000-LEAN-7.9.0.1-007R.img

**Note:**

**APXXX-LEAN-7.9.0.1-007R.img** - built without GUI component. AP lean images are also bundled within controller full image.

**NXXXXX-LEAN-7.9.0.1-007R.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 7.9.0.0 release notes](#).

### Upgrade from WiNG v7.x.x.x to WiNG v7.9.0.1

1. Copy the controller image to your tftp/ftp server.
2. Use the `—upgrade ftp://<username>:<password>@<ip address of server>/<name of file>ll`, 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.

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