

Service Release Notes for WiNG 5.9.2.1-009R

Please Note: Service releases are made available to fix specific customer reported issues in a timely manner. Service releases are not as extensively tested as main releases (such as 5.9.2.0-032R). 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 main release 5.9.2.0-032R.

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1. Resolved Issues

This service release 5.9.2.1-009R contains important fixes for customer reported.

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

SPR/CQ	Description
SPR 3342	Ascom phones has connectivity and roaming issue when connected to AP 7632
SPR-3452	PSP enabled wireless clients experiencing connectivity issues when associated to AP 7632/7662
SPR-3458	PAP authentication fails with LDAP
SPR-3463	MCX: group key is not installed on AP 7562 after reboot when DFS channels are used
SPR-3470	AP7632-WR sku: can't configure country-code for several country codes: at au an
WING-35423	CP-Remote-debug: Selecting authentication debug messages option for captive-portal remote debug throws error message
WING-36903	AP 7632/7662: Improved performance and throughput of Radio Share Mode by scheduling monitor VAP processing on different core, improving IPI drops and scheduling WLAN TX on different core.
WING-36936	ExtremeGuest: Splash template push is incorrectly mapped - when multiple captive portal and WLAN are configured after un-adoption and factory default

SPR/CQ	Description
WING-37006	VC Local image upload: VC is failed to upload 7632/7662/7612 images using local image upload from GUI.
WING-37007	Egquest OAUTH - The social login doesn't work very first (intermittent) for apple devices with safari. Fails with undefined index: http referrer
WING-37025	Egquest-replica-set: Authentication is failed when primary server is down.
WING-37027	GUI: Unable to copy tech dump from controller
WING-37028	GUI: Packet capture under troubleshooting is not working
WING-37034	Open DFS channels for Korea country code on AP 7632/7662
WING-37135	Open DFS channels for Japan country code on AP 7612/7632/7662

2. Important Notes

- Due to upgrade of radius module in WiNG 5.9.2 – if you have Onboard-Radius Server with LDAP Authentication, please note the following:
Configurations using "(sAMAccountName=%{Stripped-User-Name})" need to be updated to "(sAMAccountName=%{Stripped-User-Name}:-%{User-Name})" prior to performing the upgrade process.

For WiNG 5.7.1 till WiNG 5.9.1 when running Onboard-Radius Server with LDAP Authentication configured, following was required:
Configurations using "(sAMAccountName=%{Stripped-User-Name}:-%{User-Name})" need to be updated to "(sAMAccountName=%{Stripped-User-Name})" prior to performing the upgrade process.

- Chrome v67 and above, automatically redirects traffic sent to 1.1.1.1 to Cloudflare, which is a new service offering DNS over HTTPS.

Many captive portal vendors, including WiNG, use 1.1.1.1 as an internal redirection IP/hostname for guest network splash pages. It's best practices to update Captive Portal Server hostname to make sure that process is working correctly.

- Sometimes AP 7632 sends association denial message with reason "no assoc-id available", meaning that association request from the client was denied and association id was not issued in this case.

3. Platforms Supported

This release applies to all platforms released with WiNG 5.9.2.0-032R.

Reminder:

Dependent AP platforms: AP 621, 622, 650 are EOL and engineering support has ended.

Independent AP platforms: AP 6511, AP 6511E, AP 6521, AP 6532, AP 7131, AP 7181, AP 8122, AP 8132, AP 8222, AP 8232, ES 6510 are EOL and engineering support has ended. Controller platforms: RFS 4011, RFS 6000, RFS 7000, NX 9000, NX 45XX and NX 65XX platforms are EOL and engineering has ended.

4. Firmware Upgrade/Downgrade Procedure

The method described in this section uses the Command Line Interface (CLI) procedures. To log into the CLI, either SSH, Telnet or serial access can be used.

For detailed upgrade procedure – please refer to WiNG 5.9.2 release notes.

Upgrade from WiNG v5.x.x.x to WiNG v5.9.2.x

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. You may need to specify the username and password for your ftp server.
3. Restart the controller. From CLI the command is **—reload**.