Service Release Notes for WiNG 5.9.2.2-005R

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.

Contents

1. Resolved Issues

This service release 5.9.2.2-005R contains important fixes for reported issues.

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

SPR/CQ	Description
SPR-3453	Remote-debug live-pktcap not capturing in both directions
SPR-3465	NSight Map View auto refreshes every 60 seconds when Auto Refresh disabled
SPR-3468	AP 7522/7532/7562 is not handling PS-Poll packets correctly
SPR-3473	AP 7632 will not send disassociation packet to wireless client after it had been disassociated
SPR-3474	AP 7612 – wrong preamble for iBeacon
SPR-3475	AP 7662 has panic due to deadlock condition
SPR-3481	NSight Monitor/Clients/Online Clients/Client Mac Address refreshes every 60 seconds and goes back to Online Clients screen
WING-37127	FabricAttach: FA Element "State" field to advertise "Tagged and Untagged"
WING-37122	Add apcp.excloudx.com certificate trust point support on WiNG AP.
WING-37140	AP 7632: Misleading association denial message "no assoc-id available"
WING-37137	AP 7662: External SKU radios are OFF when power is set to 30db using Korea CC
WING-37143	Wi-Fi Certification: WMM-AC test case 4.1.2 APUT Basic TSPEC Operation fails
WING-37124	Added code support to forward CLIENT_INFO event by the WING AP to ECA (cloud).
WING-37077	BLE: AP7632 is not advertising Eddystone URLs
WING-36160	Wifi Passpoint R2: - 4.14 APUT Qos Map Set Test is failing
WING-37161	Wifi Passpoint R2: - 4.15 APUT OSEN Verification test fails

2. Important Notes

- Radio capture functionality on AP 7612/7632/7662 has been updated to include data traffic sourced by the AP.

- WING-37077 - BLE: The current default power is set such that user can detect BLE beacons at distance up to 30'. The user may have to reduce the TX power for their particular use-case, e.g. micro-locationing. Note that the TX power setting is not the power in dBm, but only an index that follows a logarithmic relation to the output power in dBm.

- 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.

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.