

Service Release Notes for WiNG 7.2.1.6-002R

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 7.2.1.0-015R). 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 7.2.1.0-015R.

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1. RESOLVED ISSUES

Service Release 7.2.1.6-002R

This service release 7.2.1.6-002R contains critical fixes for Campus mode supported with ExtremeCloud Appliance 4.56.07 release. Refer to ExtremeCloud Appliance 4.56.07.0006 Release Note for details.

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

CRID	Description
WING-42346	Implemented Probe Suppression Force Disassociate for AP5xx
WING-42508	Improved SmartRF dynamic channel assignment based on neighboring APs

Previous Service Release 7.2.1.5-002R

This service release 7.2.1.5-002R contains critical fixes for Campus mode supported with ExtremeCloud Appliance 4.56.06 release. Refer to ExtremeCloud Appliance 4.56.06.0013 Release Note for details.

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

CRID	Description
WING-39547	AP5xx Distributed mode: Added support for channel 144.
WING-42280	Improved AP510/560 resiliency when dual 5GHz is configured.
WING-42337	Clean up client sessions when AP5xx loses connection to XCA.
WING-42338	Reboot AP5xx when losing connection to XCA and Persistence Mode is disabled.
WING-42347	Addressed 802.11at LLDP PoE Power negotiation issue with Cisco 2960x switch.

Previous Service Release 7.2.1.4-002R

This service release 7.2.1.4-002R contains critical fixes for Campus mode supported with ExtremeCloud Appliance 4.56.05 release. Refer to ExtremeCloud Appliance 4.56.05.0005 Release Note for details.

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

CRID	Description
WING-42235	AP5xx campus mode: change radio LED to solid ON for normal radio operation
WING-42268	AP does not take new width when changed in RF Management

Previous Service Release 7.2.1.3-008R

This service release 7.2.1.3-008R contains critical fixes for Campus mode supported with ExtremeCloud Appliance 4.56.04 release. Refer to ExtremeCloud Appliance 4.56.04.0009 Release Note for details.

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

CRID	Description
WING-42099	Add BSS(VNS) Reset to AP5xx to Minimize Service Interrupt by avoiding Radio Reset
WING-42083	Centralized 500 series AP's shut radio (wl1.1, etc.) down in 4-6 days
WING-42062	AP got stuck in discovery
WING-42012	XCA AP BSSID report is off by 1

Previous Service Release 7.2.1.2-006R

This service release 7.2.1.2-006R contains critical fixes for Campus mode supported with ExtremeCloud Appliance 4.56.03 release. Refer to ExtremeCloud Appliance 4.56.03.0004 Release Note for details.

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

CRID	Description
SPR-3492	AP 7612 iBeacon broadcast not waking up mobile devices
WING-38589	Clients Termination issue using Altea on AP 5xx in Campus mode
WING-39330	ExtremeLocation: Add support for linear EWMA for BLE devices
WING-39409	ExtremeLocation: AP 5xx in Campus Mode does not report any location data
WING-39417	ExtremeLocation: WING BLE report need to send average of RSSI over configured RSSI interval
WING-39418	ExtremeLocation: BLE Total count of devices seen are always 31
WING-38304	Repeated DFS trigger on all channels in scan list; AP will go to continuous scan on all these channel. The AP will not recover or serve any wireless client
WING-38648	Able to see data packets of other BSS on channel 48 in radio share inline mode using AP510 as a sensor
WING-39560	AP5xx campus: Ticket Master scanner can't connect to AP5xx

Previous Service Release 7.2.1.1-006R

This service release 7.2.1.1-006R contains critical fixes for Campus mode supported with ExtremeCloud Appliance 4.56.02 release and ExtremeLocation related fixes. Refer to ExtremeCloud Appliance 4.56.02.003 Release Note for details.

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

CRID	Description
SPR-3492	AP 7612 iBeacon broadcast not waking up mobile devices
WING-38589	Clients Termination issue using Altea on AP 5xx in Campus mode
WING-39330	ExtremeLocation: Add support for linear EWMA for BLE devices
WING-39409	ExtremeLocation: AP 5xx in Campus Mode does not report any location data
WING-39417	ExtremeLocation: Wing ble report need to send average of rssi over configured rssi interval
WING-39418	ExtremeLocation: BLE Total count of devices seen are always 31

2. IMPORTANT NOTES

None.

3. PLATFORMS SUPPORTED

WiNG 7.2.1.6-002R supports the following platforms with corresponding firmware images:

Controller Platform	Firmware Image
NX 9500/ NX 9510	NX9500-7.2.1.6-002R.img, NX9500-LEAN-7.2.1.6-002R.img
NX 9600 / NX 9610	NX9600-7.2.1.6-002R.img, NX9600-LEAN-7.2.1.6-002R.img
NX 75XX	NX7500-7.2.1.6-002R.img, NX7500-LEAN-7.2.1.6-002R.img
NX 5500	NX5500-7.2.1.6-002R.img, NX5500-LEAN-7.2.1.6-002R.img

Virtual Platform	Firmware Image
VX 9000 ¹ –production iso/img image	VX9000-INSTALL-7.2.1.6-002R .iso, VX9000-7.2.1.6-002R.img, VX9000-LEAN-7.2.1.6-002R.img
VX 9000 – demo iso image	VX9000-DEMO-INSTALL-7.2.1.6-002R.iso ²

¹VX 9000 image has default 64 AP license.

²The VX demo image is a 60-day trial image of the VX 9000 software VM that can be used for demos and in the lab environments. This image does not need any additional licenses; it comes with 16 AAP licenses built-in. There is no migration from the demo image to the production image.

AP Platform	Firmware Image
AP505/510/560	AP5xx-7.2.1.6-002R.img AP5xx-LEAN-7.2.1.6-002R.img (included in all Controller images)
AP 7522	AP7522-7.2.1.6-002R.img AP7522-LEAN-7.2.1.6-002R.img (included in all NX controller images)
AP 7532	AP7532-7.2.1.6-002R.img AP7532-LEAN-7.2.1.6-002R.img (included in all NX controller images)
AP 7562	AP7562-7.2.1.6-002R.img AP7562-LEAN-7.2.1.6-002R.img (included in all NX controller images)
AP 8533	AP8533-7.2.1.6-002R.img AP8533-LEAN-7.2.1.6-002R.img (included in all NX controller images)
AP 8432	AP8432-7.2.1.6-002R.img AP8432-LEAN-7.2.1.6-002R.img (included in all NX controller images)
AP 7612	AP7612-7.2.1.6-002R.img AP7612-LEAN-7.2.1.6-002R.img (included in all NX controller images)

AP Platform	Firmware Image
AP 7632	AP7632-7.2.1.6-002R.img AP7632-LEAN-7.2.1.6-002R.img (included in all NX controller images)
AP 7662	AP7662-7.2.1.6-002R.img AP7662-LEAN-7.2.1.6-002R.img (included in all NX controller images)

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 7.2.1 release notes.

Upgrade from WiNG v7x.x.x to WiNG v7.2.1.5

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**.