

Extreme AirDefense v10.6.2-05c3 Release Notes: New Features, Fixes, and Compatibility Details

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Extreme AirDefense v10.6.2-05c3 Release Notes

Note: This document is an addendum to the release notes for the main release 10.6.2-05.

Abstract

****Extreme AirDefense v10.6.2-05c3 Release Notes: New Features, Fixes, and Compatibility Details****

These release notes for Extreme AirDefense version 10.6.2-05c3 provide a comprehensive technical overview of a maintenance patch focused on resolving six specific customer-reported issues without introducing new vulnerabilities or known issues. The document outlines compatibility with WiNG 7.9.6.1, ExtremeCloud IQ Controller 10.14.01, and ExtremeCloud IQ 25.4.0+, and supports hardware appliances (NX-9500, NX-9600), virtual platforms (VMWare EXSi 5.5–7.0), and a wide range of wireless access points across WiNG, ExtremeCloud IQ, and Extreme Wireless platforms. Installation procedures are detailed for upgrades from prior 10.6.2-05 patch versions only. Feature matrices for dedicated and radio-share sensing provide granular support details for WIPS, spectrum analysis, live view, AP testing, and BLE security across multiple AP models and firmware versions. The release notes are technically structured for IT professionals and system administrators managing AirDefense deployments, with emphasis on platform interoperability, sensor capabilities, and configuration requirements.

1. New Features in AirDefense 10.6.2-05c3

The AirDefense 10.6.2-05c3 (patch) release is a maintenance release that fixes customer-found issues.

Version Compatibility

The 10.6.2-05c3 patch version is upgradable from:

1. version 10.6.2-05 (both ISO and SM)
2. version 10.6.2-05a2 patch
3. version 10.6.2-05b3 patch

For existing customers who would like to upgrade to 10.6.2-05c3, AirDefense is an entitled product and requires an active support contract.

Firmware Version Compatibility

AirDefense 10.6.2-05c3 has been tested for compatibility against:

- WiNG 7.9.6.1
- ExtremeCloud IQ Controller 10.14.01
- ExtremeCloud IQ 25.4

6 GHz validated Sensor Models and Interop Build version

Sensor Model	Campus/Identifi Interop build
AP 5010	10.14.1.0-029R
AP 3000	10.14.1.0-029R
AP 4000	10.14.1.0-029R

2.4 GHz/5 GHz Supported Sensor Model and Interop Build version validated

Sensor Model	WING Interop build
AP 5010, AP5010u	WING 7.9.6.1
AP 410C-1	WING 7.9.6.1
AP 302w	WING 7.9.6.1
AP 305C-1	WING 7.9.6.1
AP 505i	WING 7.9.6.1
AP 310i, AP410i, AP510i	WING 7.9.6.1

Sensor Model	Identifi Interop build
AP 5010, AP5010u	10.14.01
AP 410C-1	10.14.01
AP 302w	10.14.01
AP 305C-1	10.14.01
AP 505i	10.14.01
AP 460c	10.14.01
AP 310i, AP410i, AP510i	10.14.01
AP 5050D, AP5050U	10.14.01

Sensor Model	XIQ/HOS
AP410C, AP460C	10.8.3
AP4000	10.8.3
AP510CX	10.8.3
AP302w	10.8.3
AP305c-1	10.8.3
AP5010, AP5010U	10.8.3
AP3000, AP3000X	10.8.3
AP5050D, AP5050U	10.8.3

For WiNG feature support information around Dynamic Frequency Selection (DFS), sensor capabilities, and radio share functionality, please refer to the section titled “DFS Tables, Sensor and Radio Share” in the [WiNG release notes](#). For support information on sensor capabilities and radio-

share capabilities, see the sections [Feature Matrix Dedicated Sensing](#) and [Feature Matrix Radio-Share Sensing](#) later in this set of AirDefense Release Notes.

ExtremeCloud IQ Controller Version Compatibility

AirDefense 10.6.2-05c3 has been tested for compatibility against:

- ExtremeCloud IQ Controller for version 10.14.01

Hardware Appliances

- Model NX-9500
- Model NX-9600

Virtual Platforms

- VMWare EXSi Hypervisor 5.5, 6.0, 6.5,7.0

Supported WiNG Wireless Access Points

- AP 6522, AP 6562
- AP 7161
- AP 7522, AP 7532, AP 7562
- AP 8163
- AP 8533
- AP 8432
- AP 7602
- AP 7622
- AP 7612, AP 7632, AP 7662
- AP 505, AP 510, AP 560
- AP 410, AP 460
- AP 310, AP 360

Supported Extreme Wireless Access Points

- AP 3915
- AP 3916
- AP 3917
- AP 3912
- AP 3935
- AP 3965

ExtremeCloud IQ Version Compatibility

AirDefense 10.6.2-05c3 has been tested for compatibility against:

- ExtremeCloud IQ 25.4 and higher

Supported Extreme Wireless Access Points

- AP 410C/460C (10.6.1)
- AP305C/305CX
- AP302W
- AP4000
- AP5010/5010U
- AP5050D/5050U

- AP3000X/3000W
- AP510C

Extreme Switch Compatibility

- X440 (31.2.1.1 patch2-1)
- X590 (Firmware 30.5.1.15)

Supported Browsers

Browser	HTML5
Chrome	Version 139.0.7258.67 (Official Build) (64-bit)
Firefox	Version 141.0.3 (64-bit)
IE Edge	Version 139.0.3405.102 (Official build) (64-bit)

Supported OS

- Windows 7 Enterprise
- Windows 10 Enterprise
- Linux
- Mac (Thin Client Applications Only)

2. Installation

Follow these steps to upgrade an AirDefense system that is currently running AirDefense 10.6.2-05 or 10.6.2-05b3 firmware.

Note: Direct upgrade from any other version is not supported.

1. Copy the file AD-upgrade-10.6.2-05c3.tar file to the /usr/local/tmp folder on the AirDefense server using the smxmgr account. You can use any tool such as scp, ssh secure file transfer client, putty, etc. to copy the file.
2. Login to AirDefense as smxmgr.
3. From the menu select Software Servmod, then accept the default location of the patch file: /usr/local/tmp/ The menu shows available files.
4. Enter the number corresponding to AD-upgrade-10.6.2-05c3.tar and press Enter.

AirDefense installs the 10.6.2-05c3 patch.

For base system new installations of AirDefense, see the *Extreme AirDefense Users Guide* for full instructions on how to upload the AirDefense image onto an NX and install it successfully.

3. SPR/Issues Fixed

CFD # Fixed	Summary
AD-11438	Resolved issue where mobile Hotspot Alarm was not triggering for iPhone device
AD-11453	Resolved Vulnerability TEN-142960 issue where AirDefense appliances were being reported as exposed on port 8543
AD-11458	Resolved issue where incorrect details were being reported in GUI
AD-11485	Resolved issue where ExtremeCloud IQ Controller import was failing after upgrade to the latest patch (Extreme AirDefense 10.6.2-05c3)
AD-11486	Resolved issue where the web browser tab was displaying Localhost instead of the IP/hostname after upgrading to the latest patch (Extreme AirDefense 10.6.2-05c3)
AD-11487	Resolved issue where Hotspot Alarm was not triggering
AD-11494	Resolved issue where ExtremeCloud IQ Controller import did not import devices to latest patch (Extreme AirDefense 10.6.2-05c3)
AD-11497	Fixed values of AirDefense alarm priority mapping

NOTE: This release also resolves AD-11445 where Air Defense 10.6.2-05 SNMP import was not importing the access point BSS/radios from the WiNG wireless controller. The resolution for this issue will be provided with WiNG release 7.9.7.0.

4. Vulnerabilities Fixed

- None

5. Known Issues and Recommendations

- None

6. Feature Matrix Dedicated Sensing

ExtremeCloud IQ (XIQ) Managed								
AP Model Dedicated Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	Wireless Vulnerability Assessment (WVA)	BT/BLE Security
AP410C ² /AP460Cyou ²	10.6r4	✓	✗	✓	✓	✗	✗	✗
AP410C-1 ²	10.4r6	✓	✗	✗	✓	✗	✗	✗
AP4000 ⁵	10.4r1	✓	✗	✓	✓	✗	✗	✗
AP4000-1 ⁵	10.5r1	✓	✗	✓	✓	✗	✗	✗
AP5010 ⁶	10.5r1	✓	✗	✓	✓	✗	✗	✗
AP5050U ² /AP5050D ²	10.5r3	✓	✗	✓	✓	✗	✗	✗
ExtremeCloud IQ Controller v10.x (XIQC) Managed								
AP Model Dedicated Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	Wireless Vulnerability Assessment (WVA)	BT/BLE Security
AP305C ¹ /CX ¹	10.0.0.0	✓	✗	✓	✓	✓	✓	✗
AP305C-1 ¹	10.1.0.0	✓	✗	✓	✓	✓	✓	✗
AP310ie ^{3,4} /360ie ^{3,4}	10.0.0.0	✓	✗	✓	✓	✓	✓	✓
AP410ie ² /460ie ²	10.0.0.0	✓	✗	✓	✓	✓	✓	✓
AP410C ² /AP460C(S) ²	10.0.0.0	✓	✗	✓	✓	✓	✓	✓
AP410C-1 ²	10.1.0.0	✓	✗	✓	✓	✓	✓	✗
AP505i ¹ /510ie ⁴ /560ih ⁴	10.0.0.0	✓	✗	✓	✓	✓	✓	✗
AP4000 ⁵	10.0.0.0	✓	✗	✓	✓	✗	✗	✗
AP4000-1 ⁵	10.1.0.0	✓	✗	✓	✓	✗	✗	✗
AP5010 ⁶ /AP5010U	10.03.01	✓	✗	✓	✓	✓	✓	✓
AP5050U ² /AP5050D ²	10.6.0	✓	✗	✓	✓	✗	✗	✗
AP3000 ¹ /AP3000X ¹	10.6.0	✓	✗	✓	✓	✗	✗	✗
Extreme Campus Controller v5.x (XCC) Managed								
AP Model Dedicated Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	Wireless Vulnerability Assessment (WVA)	BT/BLE Security
AP305C/CX ¹	7.3 .5.0	✓	✗	✓	✓	✓	✓	✗
AP310ie ⁴ /360ie ⁴	7.8.5.0	✓	✗	✓	✓	✓	✓	✗
AP310ie-1 ⁴	7.8.5.0	✓	✗	✗	✓	✓	✓	✗
AP410ie ² /460ie ²	7.8.5.0	✓	✗	✓	✓	✓	✓	✗
AP410ie-1 ²	7.8.5.0	✓	✗	✗	✓	✓	✓	✗
AP410C ² /AP460C ²	7.8.5.0	✓	✗	✓	✓	✓	✓	✓
AP505i ¹ /510ie ⁴ /560ih ⁴	7.8.5.0	✓	✗	✗	✓	✓	✓	✗
AP510ie-1 ⁴	7.8.5.0	✓	✗	✗	✓	✓	✓	✗
AP4000 ⁶	7.8.5.0	✓	✗	✗	✓	✓	✗	✓

ExtremeCloud Appliance v4.76.08 (XCA) Managed								
AP Model Dedicated Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	Wireless Vulnerability Assessment (WVA)	BT/BLE Security
AP310ie ⁴ /360ie ⁴	WING 7.3.1.4	✓	✗	✓	✓	✓	✓	✗
AP410ie ² /460ie ²	WING 7.3.1.4	✓	✗	✓	✓	✓	✓	✗
AP505i ¹ /510ie ⁴ /560ih ⁴	WING 7.3.1.4	✓	✗	✗	✓	✓	✓	✗
AP7522 ¹ /7532 ¹ /7562 ¹	WING 7.3.1.4	✓	✗	✗	✓	✓	✓	✗
AP8432 ²	WING 7.3.1.4	✓	✗	✓	✓	✓	✓	✗
AP8533 ²	WING 7.3.1.4	✓	✗	✗	✓	✓	✓	✗
WiNG Controller Managed								
AP Model Dedicated Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	Wireless Vulnerability Assessment (WVA)	BT/BLE Security
AP7532 ¹ /7522 ¹ /7562 ¹	WING 7.3.1.1	✓	✗	✓	✓	✓	✓	✗
AP8533 ²	WING 7.3.1.1	✓	✗	✓	✓	✓	✓	✓
AP8432 ²	WING 7.3.1.1	✓	✗	✓	✓	✓	✓	✓
AP310ie ⁴ /360ie ⁴	WING 7.4.1.2	✓	✗	✓	✓	✓	✓	✓
AP410ie ² /460ie ²	WING 7.4.1.2	✓	✗	✓	✓	✓	✓	✓
AP410C ² /AP460C ²	WiNG 7.6.4.0	✓	✗	✓	✓	✓	✓	✓
AP505i ¹ /510ie ⁴ /560 ⁴	WING 7.9.3	✓	✗	✓	✓	✓	✓	✓
AP310ie-1 ⁴	WING 7.9.3	✓	✗	✓	✓	✓	✓	✗
AP410C-1 ²	WING 7.9.3	✓	✗	✓	✓	✓	✓	✗
AP410i-1 ²	WING 7.9.3	✓	✗	✓	✓	✓	✓	✗
AP510i-1 ⁵	WING 7.9.3	✓	✗	✓	✓	✓	✓	✗
AP5010 ⁶ /AP5010U ⁶	WING 7.9.3	✓	✗	✓	✓	✗	✗	✗

Notes:

¹Both radios must be configured as a sensor. No client service possible when operating as a sensor.

²Third radio capable of only 2.4/5GHz sensor functionality. For AP 8432 – First radio can be used either as a dedicated 2.4/5GHz sensor and second radio for data, or both radios can operate as sensors (No client service).

³First radio can operate as 2.4/5GHz sensor. With first radio operating as sensor, only 5GHz client service on second radio.

⁴First radio 2.4/5GHz dedicated sensor capable. Second radio also able to operate as dedicated 5GHz single band sensor.

⁵Third radio can operate as 2.4/5/6GHz sensor. When enabled, no client service on 6GHz possible.

⁶First radio can operate as 2.4/5/6GHz sensor. When enabled, second and third radio provide 5/6GHz client service.

7. Feature Matrix Radio-Share Sensing

ExtremeCloud IQ (XIQ) Managed							
AP Model Dedicated Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	BT/BLE Security
AP302W	10.2r3	✓	✗	✗	✓	✗	✗
AP3000/AP3000X	10.6r1	✓	✗	✗	✓	✗	✗
AO650/510C	10.2r3	✓	✗	✗	✓	✗	✗

ExtremeCloud IQ Controller v.10.x (XIQC) Managed							
AP Model Radio-Share Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	BT/BLE Security
AP302w	10.0.0.0	✓	✗	✗	✓	✗	✗
AP305C/CX ³	10.0.0.0	✓	✗	✗	✓	✗	✗
AP305C-1	10.1.0.0	✓	✗	✗	✓	✗	✗
AP310ie ³ /360ie ³	10.0.0.0	✓	✗	✗	✓	✓	✓
AP505i ³ /510ie ³ /560ih ³	10.0.0.0	✓	✗	✗	✓	✓	✗
AP4000 ²	10.0.0.0	✓	✗	✓	✓	✗	✗
AP4000-1 ²	10.1.0.0	✓	✗	✓	✓	✗	✗
AP3000/AP3000X	10..06.01	✓	✗	✗	✓	✗	✗

Extreme Campus Controller v5.x (XCC) Managed							
AP Model Radio-Share Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	BT/BLE Security
AP310ie ³ /360ie ³	7.8.5.0	✓	✗	✓	✓	✓	✗
AP310ie-1 ³	7.8.5.0	✓	✗	✗	✓	✓	✗
AP505i ³ /510ie ³ /560 ³	7.8.5.0	✓	✗	✗	✓	✓	✗
AP510ie-1 ³	7.8.5.0	✓	✗	✗	✓	✓	✗

WiNG Controller Managed							
AP Model Radio-Share Sensor	Earliest Supported Firmware Version	WIPS and Advanced Forensics	Spectrum Analysis	Advanced Spectrum Analysis	Live View	AP Test	BT/BLE Security
AP7532/7522/7562 ¹	WING 7.3.1.1	✓	✗	✗	✓	✓	✗
AP8432 ²	WING 7.3.1.1	✓	✗	✗	✓	✗	✓
AP310ie ³ /360ie ³	WiNG 7.6.1.0	✓	✗	✗	✓	✓	✓
AP505i ³ /510ie ³ /560 ³	WiNG 7.6.1.0	✓	✗	✗	✓	✓	✓
AP310ie-1	WiNG 7.7.1.0	✓	✗	✗	✓	✓	✗
AP510i-1	WiNG 7.7.1.0	✓	✗	✗	✓	✓	✗
AP3000/AP3000X	7.9.2	✓	✗	✗	✓	✗	✗

Notes:

¹Both the first and second radio can operate with radio-share sensing together or independently.

²Spectrum Analysis is not supported with radio-share mode enabled.

³AP Testing in radio-share mode - only single-cell/internal BSS AP testing is supported. AP Testing on remote BSS is not supported.

8. AirDefense Extreme Wireless Feature Matrix

For the EW 39xx series access points operating as dedicated sensors, AirDefense supports the following features:

- WIPS
- Advanced Forensics
- Liveview

AirDefense also supports the following features for AP 39xx operating as radio-share sensors.

- WIPS
- Advanced Forensics
- Liveview

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