

AirDefense 10.1.0-13a5 Release Notes

AirDefense 10.1.0-13a5 Release Notes	2
1. New Features in AirDefense 10.1.0-13a5	2
2. Version Compatibility	2
WiNG Version Compatibility for AP 5xx.....	2
WiNG Version Compatibility for other WING APs.....	2
Extreme Wireless Version Compatibility	3
ExtremeCloud Appliance Version Compatibility.....	3
Hardware Appliances.....	3
Virtual Platforms.....	3
Supported 802.11ax Wireless Access Points	3
Supported WiNG Wireless Access Points	3
Supported Extreme Wireless Access Points	3
Supported Browsers	3
3. Installation	4
4. Important Notes	4
5. SPR/Issues Fixed	4
6. Vulnerabilities Fixed	5

AirDefense 10.1.0-13a5 Release Notes

1. New Features in AirDefense 10.1.0-13a5

The AirDefense 10.1.0-13a5 is a maintenance release following the primary 10.1.0-13 feature release.

Please see the 10.1.0-13 release notes for features and functions introduced in that release. This document describes incremental features and functions above the 10.1.0-13 feature release.

AirDefense 10.1.0-13a5 is a maintenance release introduces the following functionalities:

- Support for AP 505/ AP 510/ AP 560. Support is limited to functioning as an 802.11ac sensor operating as a dedicated sensor only. Both campus and distributed personalities are supported. Air Termination in dedicated sensor mode is not supported. Also, radio-share mode of operation is not supported. These will follow in a subsequent release. Support for operation as an 11ax sensor will also follow in a subsequent release.
- Scheduling capability to the “CLI Interface to the WING controller” introduced in the 10.1.0-13 release.

2. Version Compatibility

The 10.1.0-13a5 version is upgradable from 10.1.0-13. Direct upgrade from any other version is not supported.

For existing customers who would like to upgrade to 10.1.0-13a5, AirDefense is an entitled Product and requires a support contract to be in place.

WiNG Version Compatibility for AP 5xx

AirDefense 10.1.0-13a5 has been tested for compatibility against

- WiNG 7.1.2.0

Please see the section titled “DFS Tables, Sensor and Radio Share” in the corresponding WiNG release notes for a detailed matrix of sensor features supported for each access point in that WiNG release.

WiNG Version Compatibility for other WING APs.

AirDefense 10.1.0-13a5 has been tested for compatibility against

- WiNG 5.9.4.1

Please see the section titled “DFS Tables, Sensor and Radio Share” in the corresponding WING release notes for a detailed matrix of sensor features supported for each access point in that WING release.

Extreme Wireless Version Compatibility

AirDefense 10.1.0-13a5 has been tested for compatibility against

- Extreme Wireless 10.51.04

ExtremeCloud Appliance Version Compatibility

AirDefense 10.1.0-13a5 has been tested for compatibility against

- ExtremeCloud Appliance 4.36.03

Hardware Appliances

- Model NX-9500
- Model NX-9600

Virtual Platforms

- VMWare EXSi Hypervisor 5.5, 6.0, 6.5

Supported 802.11ax Wireless Access Points

- AP 505
- AP 510
- AP 560

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

For feature support by WiNG release, please refer to the section titled “DFS Tables, Sensor and Radio Share” in the WiNG release notes.

Supported Extreme Wireless Access Points

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

Supported Browsers

Flash Player 10.1 or later is required.

Following browsers are supported:

- Firefox 67 or later
- Chrome 74 or later
- Microsoft Edge 42.17134.1.0 or later

Internet Explorer is NOT supported

Supported OS

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

3. Installation

Please follow the steps below to upgrade an AirDefense system that is currently running AirDefense 10.1.0-13a5 firmware. Direct upgrade from any other version is not supported.

- Copy the file AD-upgrade-10.1.0-13a5.tar to the /usr/local/tmp folder on the AirDefense server using the smxmgr account. You can use any tool like scp, ssh secure file transfer client, putty etc. for this.
- Login to AirDefense as smxmgr. From the menu select Software and then Servmod and enter the location of the patch file /usr/local/tmp/
- The menu now shows available files. Enter the number corresponding to AD-upgrade-10.1.0-13a5.tar and press enter. AirDefense will now install 10.1.0-13a5.

For full instructions on how to upload the AirDefense image onto an NX appliance and install it - please see the Users Guide.

4. Important Notes

Please see the 10.1.0-13 release notes.

5. SPR/Issues Fixed

In release 10.1.0-13 Rogue Locationing did not work correctly when multiple AirIDS engines (multi-core mode) was enabled. This issue is fixed in this release.

Also, some issues related to the new CLI polling feature have also been fixed.

The following SPRs/ CQs have been fixed in this release.

SPR/ CQ	Description
SPR-3534	The New User Experience is not working with IE Web browser
SPR-3556	Intermittent core crash when multi-threading is enabled

6. Vulnerabilities Fixed

The following packages have been upgraded fixing the following vulnerabilities in 10.1.0-13a5

Library Name	CVE Reference
bind	CVE-2017-3145 (CESA-2018:0101) CVE-2018-5740 (CESA-2018:2571)
dhclient	CVE-2018-5732, CVE-2018-5733 (CESA-2018:0469), CVE-2018-1111
expat	(CESA-2016:2824)
file	(CESA-2016:0760)
glibc	CVE-2017-15670, CVE-2017-15804 (CESA-2018:1879)
gnupg2	CVE-2018-12020 CESA-2018:2180
gnutls	(CESA-2017:0574)
libtiff	(CESA-2017:0225)
mailx	(CESA-2014:1999)
nspr	(CESA-2018:2898) dependency for nss
nss	CVE-2017-7805 (CESA-2017:2832) CVE-2018-12384 (CESA-2018:2898)
ntp	CVE-2018-12327 (CESA-2018:3854)
openssh-5.3p1	CVE-2018-15473 (CESA-2019:0711)
patch	CVE-2018-1000156 (CESA-2018:1199)
polkit	CVE-2019-6133 (CESA-2019:0420)
postgresql	(CESA-2017:2860)
procps	CVE-2018-1124, CVE-2018-1126 CESA-2018:1777
python-paramiko	CVE-2018-7750 (CESA-2018:1124) CVE-2018-1000805 (CESA-2018:3406)
sqlite	(CESA-2015:1634)
xerces-j2	(CESA-2014:1319)

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