

Firmware V6.10 Release Note

ZAP 9.0

WAP 10.0

Date: Oct 21th, 2020

Table of Contents

Firmware V6.10 Release Note	1
1. Overview	3
2. What's New in This Release	4
3. Supported Platforms	5
4. Supported Utilities.....	5
5. Files lists contains in the Release ZIP file	8
6. Read Me First before Upgrade	9
7. Enhancements	10
8. Resolved Issues	11
9. Design Limitations and Known Issues	12
Appendix - A. System Default Setting.....	13

Firmware Release V6.10

1. Overview

This document provides firmware release information on Zyxel NXC WLAN Controller and Unified Access Pointsplatforms, plus new features, enhancements, read me first before firmware upgrade, known issues and workarounds information for Release V6.10.

2. What's New in This Release

N/A

New Feature

N/A

Feature Enhancement

N/A

3. Supported Platforms

Zyxel WLAN Controller

- NXC2500 V6.10(AAIG.0)
- NXC5500 V6.10(AAOS.0)

Zyxel Access Points

- | | | | |
|-----------------|-----------------|--------------|-----------------|
| ● NWA3160-N | V5.10(UJA.3)* | ● WAC6502D-E | V6.10(AASD.8) |
| ● NWA3550-N | V5.10(UJB.3)* | ● WAC6502D-S | V6.10(AASE.8) |
| ● NWA3560-N | V5.10(UJC.3)* | ● WAC6503D-S | V6.10(ABSF.8) |
| ● NWA5160N | V5.10(AAS.3)* | ● WAC6552D-S | V6.10(ABIO.8) |
| ● NWA5550-N | V5.10(UJD.3)* | ● WAC6553D-E | V6.10(ABSG.8) |
| ● NWA5560-N | V5.10(UJE.3)* | ● WAX510D | V6.10(ABTF.8) * |
| ● NWA5121-NI | V5.10(AAID.8) | ● WAX610D | V6.10(ABTE.8) * |
| ● NWA5123-NI | V5.10(AAHY.8) | ● WAX650S | V6.10(ABRM.8) * |
| ● NWA5121-N | V5.10(AAIF.8) | | |
| ● NWA5301-NJ | V5.10(AANB.8) | | |
| ● WNA4320v2 | V5.02(ABJH.2) | | |
| ● WNA4320v3 | V5.02(ABKB.2) | | |
| ● WNA4320 | V5.02(ABLP.2) | | |
| ● NWA110AX | V6.10(ABTG.8) | | |
| ● NWA210AX | V6.10(ABTD.8) * | | |
| ● NWA1123-ACHD | V6.10(ABIN.8) | | |
| ● NWA1123ACPRO | V6.10(ABHD.8) | | |
| ● NWA1123-ACv2 | V6.10(ABEL.8) | | |
| ● NWA1123ACv3 | V6.10(ABVT.9) | | |
| ● NWA1302-AC | V6.10(ABKU.8) | | |
| ● NWA5123-AC | V6.10(AAZY.8) | | |
| ● NWA5123-AC HD | V6.10(ABIM.8) | | |
| ● WAC500 | V6.10(ABVS.9) * | | |
| ● WAC500H | V6.10(ABWA.9) * | | |
| ● WAC5302D-S | V6.10(ABFH.8) | | |
| ● WAC5302D-Sv2 | V6.10(ABVZ.9) * | | |
| ● WAC6103D-I | V6.10(AAXH.8) | | |
| ● WAC6303D-S | V6.10(ABGL.8) | | |

*The AP firmware with these models should be downloaded from cloud server if it is managed by NXC.

4. Supported Utilities

Zyxel One Network (ZON):

Series	Access Point	Wireless LAN Controller
Model	NWA3160-N	WAC6503D-S
	NWA3550-N	WAC6552D-S
	NWA3560-N	WAC6553D-E
	NWA5160N	WAX510D
	NWA5550-N	WAX610D
	NWA5560-N	WAX650S
	NWA5121-NI	
	NWA5123-NI	
	NWA5121-N	
	NWA5301-NJ	
	WNA4320v2	
	WNA4320v3	
	WNA4320	
	NWA110AX	
	NWA210AX	
	NWA1123-ACHD	
	NWA1123ACPRO	
	NWA1123-ACv2	
	NWA1123ACv3	
	NWA1302-AC	
	NWA5123-AC	
	NWA5123-AC HD	
	WAC500	
	WAC500H	
	WAC5302D-S	
	WAC5302D-Sv2	
	WAC6103D-I	
	WAC6303D-S	
	WAC6502D-E	
	WAC6502D-S	

ZyXel AP Configurator (ZAC):

Series	Access Point
Model	NWA5121-NI NWA5121-N NWA5123-NI NWA5123-AC NWA5123-AC HD NWA5301-NJ WAC5302D-S WAC6103D-I WAC6502D-E WAC6502D-S WAC6503D-S WAC6552D-S WAC6553D-E WAC6303D-S

* ZAC configuration of Access Point is supported with Standalone AP mode.

ZyXel Wireless Optimizer (ZWO)

Series	Access Point	Wireless LAN Controller
Model	NWA3160-N NWA3560-N NWA3550-N NWA5160N NWA5560-N NWA5550-N NWA5123-AC NWA5121-NI NWA5121-N NWA5123-NI NWA5123-AC HD NWA5301-NJ	WAC5302D-S WAC6103D-I WAC6502D-E WAC6502D-S WAC6503D-S WAC6553D-E WAC6303D-S WAX650S WAX510D NWA110AX

5. Files lists contains in the Release ZIP file

File name: *.bin

Purpose: This binary firmware image file is for normal system update.

Note: The firmware update may take five or more minutes depending on the scale of device configuration. The more complex configuration will take more update time. Do not turn off or reset the device while the firmware update is in progress. The firmware might get damaged, if device loss power or you reset the device during the firmware upload. You might need to refer to Appendix 2 of this document to recover the firmware.

File name: *.conf

Purpose: This ASCII file contains default system configuration commands.

File name: *-MIB.zip

Purpose: The MIBs are to collect information on device. The focus of the MIBs is to let administrators collect statistical data and monitor status and performance.

6. Read Me First before Upgrade

This section encompasses important notes while upgrading this firmware release for Zyxel NXC controllers and Zyxel Access Points.

7. Enhancements

This section briefly illustrates the enhancements in this firmware V6.10 release.

8. Resolved Issues

1. [eITS: 200800175]
[Symptom] Fix SSLv3 vulnerability issue
2. [eITS: 200603705]
[Symptom] NWA5123AC-HD may happen data stuck in specific condition.
3. [eITS: 200800710]
[Symptom] The captive portal logged out log does not contain station IP address.
4. [eITS: 200900099, 200801720]
[Symptom] AP reboots randomly.
5. [eITS: 200603212]
[Symptom] The captive portal will pop-up twice while doing the authentication when the user uses external captive portal URL.
6. [eITS: 200900515]
[Symptom] The station can access the internet without captive portal authentication even reach the session timeout.
7. [eITS: 200602911]
[Symptom] MAC-address table of NWA1123-Acv2 with SNMP is incorrect.
8. [eITS: 200300207]
[Symptom] The station has connection problem.
9. [eITS: 200700078]
[Symptom] The stations cannot access some websites when the NAT mode is enabled on Nebula.

9. Design Limitations and Known Issues

This section describes the system behavior or limitations in this firmware release. They will be created into knowledge base.

Design Limitations

1. [eITS: 200900131]
[Symptom] There are 729 mac filter rules on Nebula, but the NAP203 can't sync the configuration successfully. It always shows "no up to date".
[Workaround] Reduce the rules to less than 512.

Known Issues

1. [eITS: 191200588]
[Symptom] The station gets wrong VLAN IP addresses in Dynamic VLAN when it roams.
[Workaround] set reauth time to 0.
2. [eITS: 191200915 / 191200600]
[Symptom] AP may reboot unexpectedly with LLDP application.
[Workaround] Disable LLDP.
3. [eITS: 200901198]
[Symptom] The AP can't upgrade the firmware successfully from NXC.
[Workaround] Reboot NXC.
4. [eITS: 200800669, 200801106, 200901105]
[Symptom] The station cannot surf the internet or get disconnect very frequency. (WAC6303D-S)
[Workaround] Ask date firmware from ZYXEL.
5. [eITS: 200900430]
[Symptom] We can see "cron daemon dead" in the logs.
[Workaround] N/A

Appendix - A. System Default Setting

Zyxel NXC WLAN Controller

Following is the system default configuration

- The default device information for NXC controllers
IP: 192.168.1.1
Administration username: admin
Password: 1234
- The default LAN interface is vlan0. The default LAN subnet is 192.168.1.0/24.
- By default, SSH service can only be accessed from LAN subnet.

Zyxel Access Points in Standalone Mode

- For AP in Standalone mode, following is the system default configuration:
The default device information for Unified Access Points
IP: 192.168.1.2
Administration username: admin
Password: 1234
- For AP in Managed AP mode by default, DHCP client enabled is by default.