



Firmware Release Note

NAS326

Release V5.21(AAZF.8)C0

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Release Notes

Date: Mar. 20, 2020

Supported Platforms:

ZyXEL NAS326

Release Package:

File name	Description
521AAZF8C0.bin	NAS Firmware Package for standard version
521AAZF8C0.pdf	Firmware release note

Features

Modification in V5.21(AAZF.8)C0 | Mar 20 2020

[Bug fix]

- Fix Vulnerability issue from remote unauthenticated attacker.
- CVE-2018-1160 (Netatalk)
- Fix rhostname buffer overflow issue.
- CVE-2020-8597

[Enhancement]

- Modify filtering characters of login password.
Filter 9 characters as below:
\\ " ' ` < > ^ \$ &
- Modify filter emoji emoticons:
\\u1F60-\\u1F64, \\u2702-\\u27B0, \\u1F68-\\u1F6C,
\\u1F30-\\u1F70, \\u2600-\\u26ff

Modifications in V5.21(AAZF.7)C0 | Feb 24 2020

[Bug fix]

- Fix Samba issue:
 - CVE-2014-3560 - CVE-2015-0240 - CVE-2016-2123
 - CVE-2017-7494 - CVE-2017-14746
- Fix RCE (remote code execution) attack.
 - CVE-2020-9054
- Change client ID and secret of YouTube upload.

[Package]

- [myZyXELcloud-Agent] update certification.

Note

If you cannot login the web interface with original password after firmware update is finished, please press the hardware reset button at the back of NAS for 2 seconds, and you will hear one beep sound, then release the hardware reset button. This resets the NAS's IP address and password to the default setting. (admin/1234)

Modifications in V5.21(AAZF.6)C0 | Jan 02 2020

[Bug fix]

- Add SATA setting in Kernel for SSD.

Modifications in V5.21(AAZF.5)C0 | Sep 26 2019

[Enhancement]

- Enhancement the patch for networking vulnerabilities to fix:
 - CVE-2019-11477
 - CVE-2019-11478
 - CVE-2019-11479

[Bug fix]

- Fix Time zones and DST issue for Russia.
- Fix Monthly power schedule issue.

Modifications in V5.21(AAZF.4)C0 | Jun 13 2019

[Enhancement]

- Apply the patch of kernel to support all CPU version.

Modifications in V5.21(AAZF.3)C0 | Nov 15 2018

[Bug fix]

- Fix power schedule issue.
- Fix File Browser issue.

Modification in V5.21(AAZF.2)C0 | Jun 21 2018

[Bug fix]

- Fix sys-log issue.
- Fix NFS problem.
- Remove "Hot swapping" related information.
- Modify the schedule time issue.
- Modify default folder setting.

Modification in V5.21(AAZF.1)C0 | May 26 2017

[Enhancement]

- Enhance the API of backup planner to verify the session before proceeding with the procedure.
- Enhance the implementation of backup planner to eliminate the risk of command injection.

Modification in V5.21(AAZF.0)C0 | May 4 2017

[Bug fix]

- Apply the patch to fix CVE-2016-10229
- Upgrade libupnp to fix CVE-2016-6255 and CVE-2016-8863
- Fix the filebrowser API accepts relative path as the arguments which causes security problem.

[Enhancement]

- Upgrade ftp module for security consideration.
- Now users can play media files on Twonky GUI from remote WAN, ex. dydns.
- Upgrade Twonky media server to 8.3.19

- Turn off TLSv1.0 and TLSv1.1 and revise the cipher suite to enhance the security.
- Force the admin account to modify the password from the default value.

[Package]

- [ownCloud] Upgrade to 7.0.15
- [pyLoad] Fix "package "Pyload" won't work"

Modification in V5.20(AAZF.1)C0 | Nov 17 2016

[Bug fix]

- NAS rsync client cannot see folders
- Two external HDD connected cause no HDD can detect and backup job fail.
- The portal users of information display error information when the myZyxelCloud is installed in some volume other than system volume.
- Mac OS 10.12 fails to backup data to NAS through Time Machine.
- FileBrowser fails to restore multiple files from recycle-bin.
- Automatically summer time can't activate
- Time Zone change issue
- User Edit / Remove / Add fail in some case after upgrading to v5.20
- Dropbox Key Login failed.
- User Modify default password by admin after reboot the password can't be set.
- Time Machine is disabled after reboot.
- File Browser Copy Issue
- File Browser delete cause error message
- File Browser delete something in recycle bin cause loop
- Click "Clean all recycle bin now", some of recycle bin would not clean the files which in the recycle bin.
- Create new share and publish to Media Server ignore the setting.

Modification in V5.20(AAZF.0)C0 | Sep 6 2016

[Enhancement]

- New GUI
- New behavior of user/group/share management.
- Upgrade Twonky Media Server to 8.2

- Remove the 2 GB upload limitation of filebrowser on WebGUI.
- Twonky with HTML5 player

[Bug fix]

- Refine the mechanism to check looped folder.
- Correct the mechanism in AutoUploadr to determine if a path is a subfolder of another path.
- The privilege of shares with any ' or " in its name can't be modified.

[Package]

- [All Package] App Center on Desktop
- [DropboxClient] Support Dropbox two way sync
- [DropboxClient] Dropbox synchronization for all sub folders.
- [DropboxClient] Fix DropboxClient can not detect remote-deleted files.
- [NZBGet,PHP,SqueezeCenter,Transmission,WordPress,Gallery,ownCloud]
Rebuilt UPnP database when NAS reset to default.

Modification in V5.11(AAZF.4)C0 | Jun 3 2016

[Enhancement]

- Revise the implementation of GUI so that the behavior of clicking myZyXEcloud button on Desktop won't be blocked by web browser.

[Bug fix]

- Fix the NAS IP incorrect in 5 minutes after changing NAS hostname

[Package]

- **[PHP]** Rebuild php, because openssl be upgraded.
- **[NFS]** Fixed Bug: NFS configure file does not be removed when removing NFS.

Modification in V5.11(AAZF.3)C0 | Mar 8 2016

[Enhancement]

- Apply the patch of glibc to fix CVE-2015-7547

Modification in V5.11(AAZF.2)C0 | Feb 16 2016

[Bug fix]

- Fix FTP client can't login issue

Modification in V5.11(AAZF.1)C0 | Feb 1 2016

[Bug fix]

- The file browser of WebGUI fails to decompress files if there exists quota limitation of the login user.
- Sometimes the icons on desktop are gone when login.
- Revise the log "Failed unknown login attempt (incorrect password or inexistent username)" when the Rsync task fails to authenticate.

[Enhancement]

- Enhance how the GUI determine if the email address user entered is valid.
- Apply the patch of Linux kernel to fix CVE-2016-0728.

Enhancement in V5.11(AAZF.0)C0 | Jan 15 2016

[Enhancement]

- Refine the algorithm of password strength determination.
- The password of 14 consecutive 'A' is determined as strong password which is wrong.
- Adjust the local port range to avoid port conflicts between services.
- Let the Twonky GUI sort the files by track number in folder view.
- User searching supports cloud users.
- Updated some missing translations.
- Fine tune some GUI behavior
- Speedup the login process of WebDAV.
- Show the icons after installed package on GUI.
- Cloud users now are represented with their email account

[Bug fix]

- Hide the group item in the session table. It's meaningless.
- Deleting a share always turn on the media server even when it's been turned off.
- Time zone spelling correction. (Pitori" to "Pretoria")

- The Music/Video/Photo icon in the desktop-style page doesn't work on Safari.
- The icon for cloud users is created.
- The login time displayed in the session information is negative in German.
- MAC OS X 10.11 and Safari Media Icon fails open
- Media Server activate automatic if delete share
- Half icon with smaller monitor
- Status Center File Transfer show wrong values
- After Restart admin must be login once for backup job from other NAS
- Users can't access the external volume through WebDAV if they just hotplug USB storage without entering the WebGUI.
- Correct the address in the link in the Webpage that helps users to link to the device after firmware upgrading.
- Add the firmware version in the message after firmware upgrading.
- Show the IPv6 information when it's from AUTO-IP, which means there's no IPv6 DHCP in the environment.
- The icons on the desktop page can't be displayed correctly after dragging.
- The system fails to boot up after setting the network to static through NSU.
- The DHCP client ask for IP with model name instead of hostname.
- The folders created though WebDAV can't be deleted through samba.

Enhancement in V5.10(AAZF.0)C0 | Oct 30 2015

[Initial version]