# Quick Guide Update of the multiuser system to version DSM7_2-4-9-3 incl. DSM update

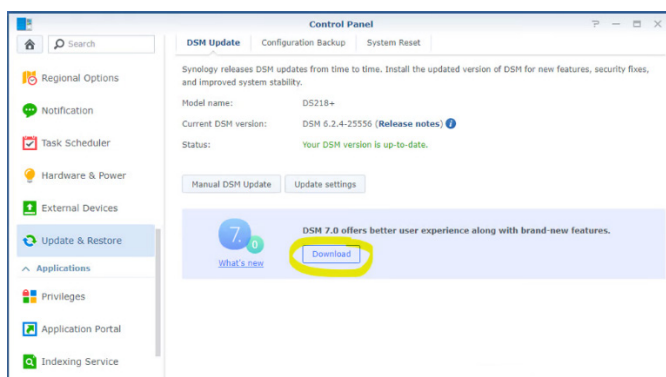**Voxnet Server:**   **DSM7_2-4-9-3**
Music Server: **DSM7_2-4-9-0**

The Synology NAS with the Multiuser Server Software from version DSM7_2-4-9-3 requires the Synology operating system DSM 7.0 or DSM 7.1. Before the new version DSM7_2-4-9-3 can be installed, the DSM version on the Synology NAS must be checked and an update must be carried out.
This is achieved with the following steps:

- Log in to the multi-user server (Synology NAS) as admin with the user **[admin]** and the password **[#vxadmin]*** or **[#vxrevox]*** and, if necessary, define your own password or a user without admin rights for the customer.
  * Note: both passwords are possible, depending on the time of purchase

- The Synology can be easily found with the help of the "Synology Assistant" utility if the IP address is not known.

- If necessary, **save the complete multiuser data set before** the update by pressing the icon in the main view of the configurator ↑↓ . The import/export menu field then appears. Enter a name in the adjacent text field and save your data with the button [Export all] voxnet . If only [Export] appears in the menu field, you are not in the main menu but in a submenu. In this case, switch to the main level with the back arrow ←.
  The already installed Revox Multiuser Server package must remain in the package center so that the existing project can be taken over during the update.

- Afterwards, navigate to the *Update & Restore menu* in the Control Panel on the Synology NAS.

Automatic DSM Update

1. Check whether the update hint is mapped to version DSM 7.0. If not, follow the instructions in the next chapter "Manual DSM Update".

2. When the window appears, update the Synology operating system to version DSM 7.0 or 7.1 using the "Download" button shown in the picture.
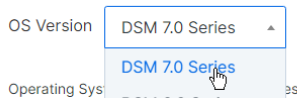

3. After the update, you can log in again and complete the update.
4. Check the installed packages in the package center (see next page, keyword Node).
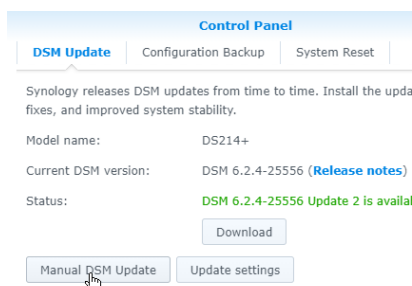
Manual DSM Update

If your Synology does not display a version note for DSM 7.0 in the *Update & Restore menu*, the operating system can be updated manually.

1. Open the site https://www.synology.com/en-global/support/download and choose the correct Synology model
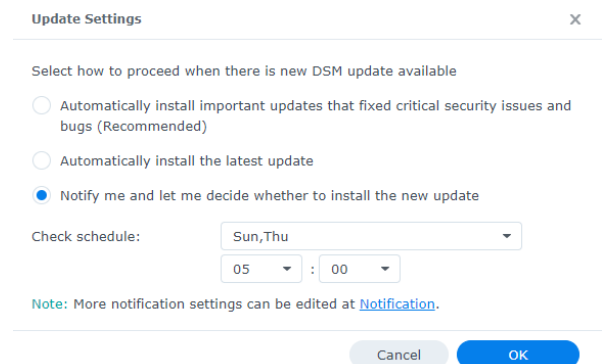2. Then select the OS version 7.0 or 7.1, after which you can download the DSM package.

3. Then switch back to the *Update & Restore menu* and click on Manual DSM Update and install the new DSM package (this can take up to 20 minutes).
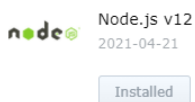

4. After the update, you can log in again and complete the update.

Update Settings

After the DSM update, make sure that the update setting under Update and Restore in the Control Panel is again set to *"Notify me and let me decide whether to install the new update"*.
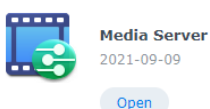

Node Version 12

The multiuser version DSM7_2-4-9-3 now requires node version 12.

Please remove all older node versions and install version 12.

UPnP/DLNA Media Server

If you would also like to access the music stored on the Synology NAS with other streaming devices (UPnP/ DLNA-based home entertainment products), you should also install the **Media Server App**. The Revox Multiuser System itself does not require this app.
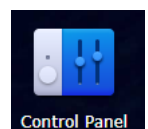
Multiuser Software Update DSM7_2-4-9-3

1. Download the two files **RevoxVoxnetServer DSM7_2-4-9-3 spk** and **RevoxMusicServer DSM7_2-4-9-0 spk** from the Revox Support Homepage www.support-revox.de and save them locally.
   Note: For this access, you must have previously registered with Revox free of charge.

2. If necessary, **save the complete multiuser data set before** the update by pressing the icon in the main view ↑↓ .
   The import/export menu field then appears. Enter a name in the adjacent text field and save your data with the [Export all] button   [Export all] voxnet   . If only [Export] appears in the menu field, you are not in the main menu but in a submenu. In this case, change to the main level with the back arrow ← .
   The already installed Revox Multiuser Server package must remain in the package centre so that the existing project can be taken over during the update.

3. Open the package centre and select the menu item "Manual installation" under "Installed" and install the two multiuser spk files one after the other. The order is arbitrary. Follow the instructions and confirm the programme notes. **Important:** After updating the two multiuser packages, start the applications by clicking on "Execute".

4. Now start the VoxNet Configurator via the programme overview [icon] . As soon as the new Configurator browser window has opened, Revox recommends that you refresh the browser with a cache clearing using the key combination **[Ctrl + F5]** or **[Ctrl + F5]**. If desired, you can then create a **Revox Voxnet Configurator** link on the desktop.

5. Then open the Licence Management menu ⚷ in **Advanced Mode** and enter any new licences you may have acquired there, e.g. for Airable, Tidal, Deezer.
   Note: Entering the Airable licence automatically generates a Spotify or Music Server licence.

6. As a last step, you should restart the Multiuser Server by either pressing the button [Restart Voxnet] in the **Licence Management menu** or the button [Restart] in the **Info menu**.
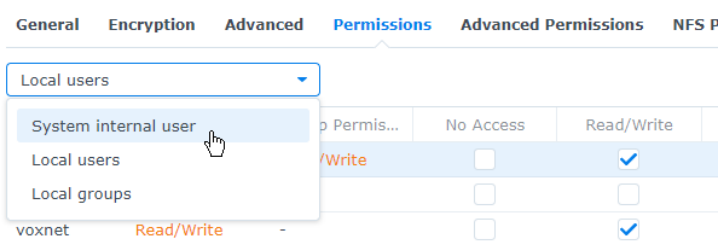
Adjust Music Server settings

With Synology DSM version 7.0, there have been some fundamental changes in access rights. Therefore, the following steps are very important for the function of the music server in the multiuser system.

S ettings for the Synology internal storage (default folder "music")

1. Open the control panel and click on "Shared Folder".

2. Click on the folder with the saved music (default: "music").

3. Then select "Edit" and open the "Permissions" tab.

4. Switch from "Local Users" to "System internal user" in the drop down menu.

5. Add read and write rights to the internal system user "RevoxVoxnetServer" and save it.

6. If there are other music folders on the Synology NAS that you want the multiuser system to access, repeat steps 2 to 5.

Settings for external network music storage (e.g. S37 Music Server or other NAS)

The Synology DSM 7.0 version no longer allows direct network path connections from installed applications. This means that if the multiuser system previously had access to storage devices on the network, the following changes must be made:

1. If there is not yet a music folder in the File Station on the Revox Synology NAS, open one in the Control Panel. If a music folder already exists, continue directly with step 4.
2. To do this, create a new folder in the control panel under "Shared Folder" in the category "Create - Shared Folder".
3. Wichtig: wenn Sie die Zugriffsberechtigungen für diesen neuen Ordner einrichten (letzter Schritt), vergessen Sie nicht dem internen Systembenutzer „RevoxVoxnetServer" die Lese- und Schreibrechte hinzuzufügen.

4. Now open the File Station and click on the already existing or newly created music folder.
5. Under Tools - Mount Remote Folder, select "CIFS Shared Folder".

6. Now enter the network path of the external network storage under *Folder* and complete the fields account name and password with the corresponding login data (if necessary). Activate the option "*Mount automatically on startup*" and then click on *Mount*.

7. If you have not set up the new network path in the standard "music" folder, change or add to the path in the Revox Multiuser Configurator. To do this, open the configurator and navigate to the Revox Music Server under *My Music*. Enter the new path and repeat this step for each *My Music Server* of each user. In our example, access to a Revox S37 Audio Server is set up:

Completion of Music Server Settings

At the end of the music server setup, please update manually the music library of the music server in the Revox Multiuser App in order for all your music files to show.

Important notes

App Update
In order to be able to use all the new functions, we strongly advise you to update the Multiuser Apps for iOS (≥ V2.5.0) and Android (≥ V2.4.8). You can download the apps free of charge from the Google Play Store or the Apple App Store.

Update from version 0.7.4 to 2.x
Before the Server 2.x-spk file can be installed, the Voxnet 0.7.4 application must be uninstalled. Saved data (manifest) cannot be imported into version 2.x, i.e. the system must be set up again!

Innovations in the DSM7_2-4-9-3 system for Synology Multiuser Server

New DSP presets and equalizer functions:

In the Configurator, new and updated DSP settings for the Revox Invisible loudspeakers are available with version 2-4-9-3.

preset name	valid for Invisible type
INV 20 SLIM	INV 20 slim
INV 20 SLIM CA	INV 20 slim carbon
INV 20 MINI	INV 20 mini
INV 20 MINI CA	INV 20 mini carbon
INV 20	INV 20
INV 40 SLIM	INV 40 aqua slim
	INV 40 wood slim
DEMO 40 WOOD	INV 40 wood demo
INV 40	INV 40
	INV 40 stereo
INV 40 CA	INV 40 carbon
	INV 40 stereo carbon
INV 80	INV 80
INV 80 CA	INV 80 carbon
INV UNIT	INV UNIT
DEMO UNIT	INV UNIT DEMORAHMEN

In addition, the equalizer has been optimized. The display scale for the frequency response has been increased and the bug that previously set changes are lost when labeling a preset has been fixed.

Enhanced system stability and player:

Calling up TIDAL and Deezer content with very long URLs could lead to the multiuser service being overloaded and the system thus no longer being operable. With the adaptation to the newly permitted URL size of streaming services and an auto restart-on-crash function, this problem has now been solved.
We have also optimized the multiuser player so that switching between two sources with different sample rates works smoothly.

Commands and status feedback extended:

- The pause function can now be switched on and off directly via text command. The previous toggle function is retained. The corresponding feedbacks in the terminal have also been activated.
  Example: $r.living:pause:on
- For the M51 Multiuser card as well as the M100 Multiuser submodule missing status feedbacks like Bass, Treble etc. have been added. As a result, M-Card rooms are now also automatically detected and listed in the KNX HomeServer plugin.
- The status feedbacks for repeat and shuffle at the Spotify source are now integrated.

REVOX

Kontakt/ Contact

Deutschland / Germany
Revox Deutschland GmbH
Am Krebsgraben 15, D 78048 VS-Villingen
tel +49 7721 8704 0, fax +49 7721 8704 29
info@revox.de
www.revox.de

Schweiz / Switzerland
Revox (Schweiz) AG
Wehntalerstrasse 190, CH 8105 Regensdorf
tel +41 44 871 66 11, fax +41 44 871 66 19
info@revox.ch
www.revox.ch

Österreich / Austria
Revox Handels GmbH
Josef-Pirchl-Strasse 38, AT 6370 Kitzbühel
tel +43 535 666 299, fax +43 535 666 299 4
info@revox.at
www.revox.at