

# Beta testing guidelines and versions

## Features planned for v2

- Migrate to the latest Microsoft App framework to improve robustness and update to the latest UI controls (Q4 2023). **Available.**
- Recycle Bin for 1-way and 2-way sync tasks (Q4 2023). **Available.**
- TLS1.3 for FTPS (Q4 2023). **Available.**
- Option for the user to disable diagnostics reporting to Microsoft App Center (Q4 2023). **Available.**
- Task groups (Q1 2024). **Available.**
- Copy task (Q1 2024). **Available.**
- Option in Settings to set the Tasks page as the home page (Q1 2024). **Available.**
- Additional auto-exec options like: execute at startup/login (Q1 2024). **Available.**
- Additional advanced options: Wake on Lan, user defined command, .. (Q1 2024). **Available.**
- Allow SyncFolder Photos app on Android and iOS to connect without opening the SyncFolder app (Q2 2024). **Available.**
- Multi-level folder selection when configuring the source folder(s) for a task (Q2 2024).
- Faster scheduling interval. Minimum interval in v1 is 15 minutes (Q2 2024).
- Additional support for cloud storages: Dropbox, Box
- Sideloaded (distribution outside the Microsoft Store), i.e. from the SyncFolder website (Q3 2024).

## Interested in participating in the Beta test?

Read this first:

- Important! - Open the current version of SyncFolder and export the repository (open Settings and click 'Export'). This will be useful in case the automatic update to the beta version doesn't work and you have to re-install the app.
- Then, ask Jos to register your Microsoft Store account in the beta user's list.
- After you have been registered you have to be prepared that the latest beta version will automatically be downloaded to all computers where SyncFolder has been previously installed with the registered email address. It is therefore advised to export the task repository of SyncFolder on all computers. If this is not what you want then you must disable automatic update in the Microsoft Store app on 1 or more devices.

After the account is listed with the Microsoft Store 'beta flights' list of SyncFolder, do the following:

1. Try an automatic update to the new version if a previous version is already available.
  - Either wait till the beta version is automatically installed in the background (can take some time), or
  - Open the Microsoft Store app, click the Library button, check for updates, and update if the new beta version is shown.Open the app and check whether the app has updated from v1.2.x to v2.0.x.
2. Install the new version fresh from the Microsoft Store (e.g. when automatic update doesn't work).
  - Uninstall previous version if present.
  - Install the app: open Microsoft Store, search for SyncFolder, and install.
  - Open the app and check if v2.0.x is installed.
  - Import the previously saved repository (if available).

In both cases check if a possible previously existing or imported app repository is re-used without any issues; i.e. all tasks still exist, all account credentials are taken over, trusted hosts and certificates for FTPS and SSH are correct, etc..

Execute some tasks manually.

If things are not going as expected, enable logging in the App (in the Settings view) and inform Jos. You can do this in 2 ways:

- By sending a message to the Facebook SyncFolder app page ([messenger link](#)).
- By sending an email to: [info@cwwonline.be](mailto:info@cwwonline.be)

Include the log file **SyncFolder.log** (open Settings and click 'Show in Explorer').

## Version history:

### 2.0.1 (2022/03/22)

First release that uses the new Microsoft WinUI 3/WinAppSDK framework.

Single full trust process without a separate win32 process for executing storage related tasks.

Improved UI.

All features of v1.2.x should work except the following:

- FTP(S) and SFTP
- Task execution from the command line
- Execution of a task when a USB device is inserted

### 2.0.3 (2022/11/9)

FTP(S), SFTP and command line should now work.

### 2.0.4 (2023/05/18)

Updated to a new version of the WinAppSDK (1.3).

Added:

- **Opt-Out for Diagnostics** - Added an option to disable diagnostic data (usage and crash reports, no personal data) which the app sends to Microsoft App Centre.

### 2.0.6 (2023/08/4)

New:

- **Recycle Bin** - Added the possibility to configure a recycle bin with 1-way and 2-way sync. Deleted files go to a '\_sf/trash<taskID>' folder on the home folder that is configured for the destination location (1-way sync) or the A and B location (2-way sync). There is a config option to specify after how many days files have to be removed from the recycle bin **but this is not yet implemented**. When you create a new sync task the recycle bin is enabled per default. With already existing tasks you must switch it on in Advanced Task Settings. To recover files from the recycle bin: simply open File Explorer on the folder and copy the files from there.
- **TLS1.3** - Added support for TLS1.3 to SSH/FTPS.

### 2.0.7 (2023/11/24)

Updated to a new version of the WinAppSDK (1.4).

Enabled trimming in order to reduce the download size.

Improved *Conflicts* page with 2-way sync.

## 2.0.8 (2023/12/16)

Trimming removed. Doesn't work, needs further investigation.

## 2.0.9 (2023/12/19)

Previous release didn't install correctly.

Logging is temporarily forced on.

Features that are now temporarily disabled:

- Initial Launch screen with agree/not agree dialog skipped
- FTP and FTPS
- SSH/SFTP
- MTP Devices
- AppCenter (centralized diagnostics at Microsoft)
- Import of photos
- QR code display for Wi-Fi access from Android/iOS app
- USB device watcher (automatic task execution when USB device plugged in)
- Shutdown popup (when task is configured to shut down the computer after execution)

## 2.0.10 (2023/12/24)

Added / re-enabled:

- Launch screen: screen pops up when app is freshly installed.
- Corrected colors in the 'Actions' panel (*Task Status* page) when in dark mode.
- Import of photos.
- Shutdown is now again supported (task must have this configured in *Advanced Tasks Settings*, as in v1). User will get an alert Notification with a button to cancel the shutdown. The notification will stay on the screen with some short sound being played.
- Logging is again configurable in *Settings*.
- A notification is shown when a task connects to a device that is locked (by BitLocker).
- SFTP/SSH
- Diagnostics with Microsoft App Center. You can opt-out in the *Settings* page.

Still temporarily disabled:

- FTP(S)
- MTP devices
- QR code display for Wi-Fi access from Android/iOS app
- USB device watcher

## 2.0.11 (2024/01/5)

Added / re-enabled:

- QR code display for Wi-Fi access from Android/iOS app is now again available in the *Settings* page.
- FTP(S)
- Languages: English, Chinese, Dutch, French, German, Spanish
- USB device watcher

Corrected:

- Corrected an error where the tasks list was not updated when a new task was added using the new 'Add task' button in the *Tasks* page.

Still temporarily disabled:

- MTP devices

## 2.0.12 (2024/01/8)

Added / re-enabled:

- MTP devices – App again supports assignment of MTP devices: smartphones, tablets, ..
- USB device watcher re-integrated. Automatic task execution when USB device is plugged in is now again possible.
- Added a 'Delete' button in *Tasks* page to allow multiple tasks to be deleted.

Corrected:

- Corrected a fault that stopped the background task scheduler in case the app, after an update, hadn't been opened before by the user. In version 2.0.11 a change was introduced in the way Date and Time values are saved in the repository. The background task scheduler couldn't handle this unless the user opens the app once.
- Corrected an error where the app didn't open when a long running task was being executed by the task scheduler in the background.

With this version all features of v1.2.x are again operational!

## 2.0.13 (2024/01/18)

Added:

- Option added in *Settings* to open the *Tasks page* when the app is started by the user.
- **Recycle Bin** - Automatic cleanup of items in the Recycle Bin is now working. The cleanup delay is configurable in *Advanced Task Settings* by specifying how long files are allowed to stay in the recycle bin: forever, 2, 4, 7, 14, or 30 days.
- **Task groups** - Support for creating task groups is now available. A task allows you to assign 1 or more tasks to a group. The group task can be executed manually or on a schedule. When executing, the assigned tasks are executed one after the other.
- **Copy task** – You can now copy a task to a new task. The new task will contain all the properties of the original task, except the name and the task ID.
- **Auto Exec Tasks at Logon** – It is now possible to configure a task to execute automatically immediately after the user has logged on to the computer. This is after startup of the computer and after a log off followed by a log on.
- You can now do a right tap on a task in the tasks list. This opens a flyout menu with the following possible actions: delete, copy to, edit, add to group, show status, reset, simulate and execute.  
Menu option 'Copy to' allows you to copy the selected task to a new task where the new task gets all the configured properties of the selected task.  
Menu option 'Add to group' lets you assign the task to a group of choice.
- When creating a new task it is now added at the top of the task's list instead of the bottom.

## 2.0.14 (2024/01/19)

Corrected:

- When updating the app from v1 to v2 the background tasks didn't automatically run anymore unless the user had opened the app (which then re-activated the background tasks). This is now corrected.

Modified:

- Replaced the 4 radio buttons in the *Task Configuration* page to select the type of task (&-way sync, 2-way sync, ..) by a dropdown selection menu.

## 2.0.15 (2024/01/31)

Changes:

- There was an error in previous versions which prevented that the app was not executing in the background on Windows machines where there is no dotnet installed. This is typically the case on most Windows client devices that don't have special tools and apps installed. With the error the app was not able to do scheduled task execution and/or process USB device inserts.
- In the case of a "group" task, only 1 notification is given. This happens at the time when all tasks have been completed.

Added:

- **User defined PowerShell command before task runs** – Added the possibility for the user to specify a command in *Advanced Task Settings* which the app will execute before the task starts. The command must be a PowerShell command.  
Note: normally invoking a script by PowerShell from within an app will fail because of policy restrictions in PowerShell. You therefore might have to specify the command like follows:  
-ExecutionPolicy UnRestricted c:\temp\wol.ps1 A0DEF169BE02  
The above command sends a WakeOnLan packet to a device with MAC address A0DEF169BE02. The script wol.ps1 is in directory C:\temp.

#### 2.0.16 (2024/02/13)

- Corrected an error where, for a 2-way sync task, the recycle bin of Location A was never created.
- When updating from v1.x to v2.x possible v1 log files are now removed.
- Added an indication in the Task Status Page when the recycle bin (when enabled) will be cleaned up.
- Provided an option to allow the task scheduler to run under a specific account.

#### 2.0.17 (2024/02/14)

- Corrected an error when the task scheduler is running under a user account and the user is already authenticated. By default the user will normally already be authenticated when this option is enabled. The username/password is optional and only if you want to run under a different account.

#### 2.0.18 (2024/02/23)

- Added 'SyncFolder Services' as a startup task. It runs after logon and provides the 3 background services: periodic task scheduler, usb device watcher, and on-logon task executer. It replaces the previous background tasks which in some environments (notably Windows Enterprise) couldn't start the execution of a task because they were running under LowIL.

#### 2.0.19 (2024/03/09)

- Added additional error information when a copy operation fails.
- Modified the handling of error 1219 when the app tries to open a connection to a network share. In previous versions the app returned an error. With the modification the app will now try to connect to the share without the explicitly configured credentials.

#### 2.0.20 (2024/03/20)

- Updated the following libraries/sdks: winappsdk (1.5), fluentftp (49.0.2), msidentityclient (4.59), msgraph (5.41), cswinrt (2.0.7), sdkbuildtools (10.0.22621.3233).
- Applied major changes to the OneDrive service because of the update of msgraph.

- Removed option for Recycle Bin for OneDrive because OneDrive supports this by itself.
- Due to the update to the latest Microsoft graph api the size of the whole SyncFolder package grew considerably. Will try to reduce this in later versions.

#### 2.0.21 (2024/03/28)

- Corrected an error in the scanning process on OneDrive where the app failed to scan for files with "OneDrive business".
- Note: The update task is currently disabled. The effect of this is that there is no notification to the user when the app is updated and that the background services process is not running anymore. It will run again when you either open the app, restart the computer or do a (re)logon to Windows. You have to do one of those 3 things if you have tasks that are configured to run on a schedule.

#### 2.0.22 (2024/04/2)

- Went back to v4.24.0 for Microsoft.Identity.Client to reduce the size of the distributable.
- Re-enabled the UpdateTask.
- Corrected an error when uploading files to OneDrive and the whole process takes longer than 1h. The authentication token must then be re-newed.
- Corrected an error with OneDrive where creating a subfolder resulted in 2 folders being created: one at the root of the assigned destination folder and the other at the correct location.
- Changed the way the modified date and time of a file uploaded to OneDrive is being set. It is now set in a separate step after the file has been uploaded. This is hoped to be a solution for the previous version which failed to upload files to OneDrive Business.
- Rearranging the order of tasks in the tasks list view is now persistent. In previous versions the re-ordering was not updated in the repository.
- Took out the option in the Settings page to configure the background task scheduler to run under the trusted user. With the new SyncFolder Services introduced in v2.0.18 this is not necessary anymore because the service by default runs with the privacy level of the currently logged on user.

#### 2.0.23 (2024/04/12)

- Updated the app to use the latest version (v4.60) for Microsoft.Identity.Client . V4.24 introduced in 2.0.22 gave a problem with missing dll files. Unfortunately the size of the package has now again increased considerably.

#### 2.0.24 (2024/05/5)

- Corrected an error where the update of the repository was not communicated to the Background Service. This resulted in the task scheduler not being aware that the execution interval of a task could have been changed.
- Added the possibility for the SyncFolder Photos app on Android and iOS to connect and upload files without opening the SyncFolder app on the computer. This is configurable in Settings. The default is Disabled meaning that (as in v1) one must open the app before connecting and uploading.
- Improved the Task Scheduler's algorithm for defining the next time a given task must execute. There could be situations where a task configured to run every 15 or 30 minutes was executing much later (15..30 minutes later). Also introduced this in v1.2.64.

- Corrected an error with FTP/FTPS where the 'modified' date and timestamp of a downloaded file was not correctly set.
- Improved the download speed when copying from FTP, FTPS, and SSH/SFTP servers.

#### 2.0.25 (2024/05/16)

- The app didn't correctly handle non-latin characters (e.g. Chinese) when appearing in the communication protocol with the Android and iOS SyncFolder Photos app. This resulted in a disconnection error in the smartphone/tablet app. This is now corrected.
- Added re-authentication when the scanning of a OneDrive folder gives a 'invalid token' or 'page iterator' error. The app re-authenticates 1 time.

#### 2.0.26 (2024/06/16)

- There was a problem in the previous version with access to OneDrive. The package was missing the Microsoft.Graph.Core dll. This has now been corrected by updating to the latest Microsoft.graph SDK (v5.56.0) and Microsoft.Identity SDK (v4.61.3). Apparently with the previous v5.50.0 microsoft graph package the dll was not added to the app package.
- Added re-authentication when scanning OneDrive files and folders and a ODataError with code "UnknownError" is received.
- You now get a "Task requires your attention" notification (instead of "Error..") when a new or updated 1-way sync task is executed and files have to be deleted on the destination location.