### Instructions for Setting Up and Using the Backup Files

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### \*\*Files Included\*\*

1. \*\*`OneDriveBackup.ps1`\*\*: The PowerShell script that performs the backup operation.

2. \*\*`Create-OneDriveBackupTask.ps1`\*\*: The PowerShell script that creates the scheduled task in Task Scheduler.

3. \*\*`Config.json`\*\*: A configuration file that specifies details like source and destination paths, as well as other settings.

4. \*\*`RunBackup.bat`\*\*: A batch file that can be used to manually execute the backup script.

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### \*\*Step-by-Step Setup\*\*

#### \*\*1. Copy the Files\*\*

Transfer the following files to the target computer:

- `OneDriveBackup.ps1`

- `Create-OneDriveBackupTask.ps1`

- `Config.json`

- `RunBackup.bat`

Place them all in the same directory. A good example would be `D:\BackupScripts\`.

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#### \*\*2. Modify the Configuration File (`Config.json`)\*\*

The `Config.json` file stores key information for the backup process. Your friend needs to modify it to suit their computer setup:

1. Open `Config.json` in any text editor (e.g., Notepad or Visual Studio Code).

2. The file will look something like this:

```json

{

"SourcePath": "C:\\Users\\aggar\\OneDrive\\\*",

"DestinationPath": "D:\\OneDriveBackup\_from\_C\_to\_D",

"TranscriptFile": "D:\\TaskDebugLog.txt",

"ErrorLogFile": "D:\\BackupErrorLog.txt"

}

```

3. Update the following fields:

- \*\*`SourcePath`\*\*: Replace `C:\\Users\\aggar\\OneDrive\\\*` with the path to the user's OneDrive folder (e.g., `C:\\Users\\<username>\\OneDrive\\\*`).

- \*\*`DestinationPath`\*\*: Specify a folder for the backups (e.g., `D:\\MyBackups`).

- \*\*`TranscriptFile`\*\* and \*\*`ErrorLogFile`\*\*: Update these paths if logs are desired, or remove these keys if logging is not required.

4. Save the changes.

The `OneDriveBackup.ps1` script will automatically read this file to get the necessary configuration.

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#### \*\*3. Modify the Batch File (`RunBackup.bat`)\*\*

If your friend wishes to manually run the backup script via the batch file, it must be updated to reflect the correct file paths:

1. Open `RunBackup.bat` in a text editor.

2. The batch file might look like this:

```batch

powershell.exe -NoProfile -ExecutionPolicy Bypass -File "D:\BackupScripts\OneDriveBackup.ps1"

```

3. Update the path to match the location of the `OneDriveBackup.ps1` file on the new computer.

4. Save the file.

Your friend can now double-click `RunBackup.bat` to run the backup manually.

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#### \*\*4. Modify `Create-OneDriveBackupTask.ps1`\*\*

The task creation script must also be updated to reflect the new setup:

1. Open `Create-OneDriveBackupTask.ps1` in a text editor.

2. Locate this line:

```powershell

$PowerShellScriptPath = "D:\OneDriveBackup.ps1" # Path to the PowerShell script

```

3. Change the path to match the location of `OneDriveBackup.ps1` on the new computer (e.g., `"D:\BackupScripts\OneDriveBackup.ps1"`).

4. Save the file.

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#### \*\*5. Run the Task Creation Script\*\*

1. Open PowerShell as Administrator.

2. Run the task creation script:

```powershell

.\Create-OneDriveBackupTask.ps1

```

3. When prompted, enter the user's \*\*Windows username\*\* and \*\*password\*\* (they must have administrative privileges).

This will create a scheduled task that automatically runs the backup script based on the defined trigger (e.g., at user logon).

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#### \*\*6. Verify the Task\*\*

- Open \*\*Task Scheduler\*\* and locate the task (`OneDriveBackupTask`).

- Check its properties (e.g., actions, triggers, and settings) to confirm everything is correctly configured.

- Test the task:

- Right-click the task and select \*\*Run\*\*.

- Check the destination folder to confirm that the files have been backed up.

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### \*\*Additional Notes\*\*

1. \*\*Log Files (Optional)\*\*:

- \*\*`D:\TaskDebugLog.txt`\*\*: Contains a full transcript of the script's execution.

- \*\*`D:\BackupErrorLog.txt`\*\*: Logs any skipped or problematic files.

If no logging is desired, these can be disabled by removing references to logging in the `Config.json` file and the `OneDriveBackup.ps1` script.

2. \*\*PowerShell Script Execution Policy\*\*:

- Ensure that scripts can be executed by setting the execution policy:

```powershell

Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy Bypass

```

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