

Starchiver

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Run Starchiver 2025 to refresh all snapshots (Deletes old snapshots)

NOTE! It is very important your node is not running on the layer 0 cluster at any time during this process.

Disable auto-restart

```
sudo nodedctl configure -e -d -cb
```

Press R to turn off Auto Restart, then Q to quit.

Leave the Layer 1/0 cluster

```
sudo nodedctl leave -p dag-l1
sudo nodedctl leave -p dag-l0
```

Download the latest script in the /tmp folder

```
cd /tmp
sudo curl -o starchiverT3-ext.sh https://raw.githubusercontent.com/StardustCollective/Starchiver-Extractor/main/starchiverT3-ext.sh
```

Make the script executable

```
sudo chmod +x starchiverT3-ext.sh
```

Run Starchiver 2025 with the delete switch to wipe and refresh everything

```
sudo ./starchiverT3-ext.sh -d
```

- Choose MainNet,
- Select the option for the snapshot data path (dag-l0),

Obsolete hashes At the end, you may see an option to Scan to Cleanup Obsolete Hash files:

- Count of obsolete hash files,
- Disk space they used,
- Option to reclaim space

Once done do the following

Clear out java process so it starts fresh.

```
sudo kill -9 $(ps aux | grep '[j]ava' | awk '{print $2}')
```

Restart your node

```
sudo nodectl restart -p all
```

Expect some **DIP** so let that finish up and confirm when the status reads Ready. Once Ready start L1

and **re-enable Auto-Start**

Run Starchive cleanup only process

This is an assumption you saved the starchiverT3-ext.sh to /tmp. If its in a different directory please cd /yaddayadda

```
cd /tmp
```

```
sudo ./starchiverT3-ext.sh --onlycleanup --data-path /var/tessellation/dag-l0/data
```

Automate Starchiver process so your node runs efficiently. (DOCUMENT IN PROGRESS)

1. You need a permanent place to put the script so do the following
2. `mkdir /scripts` (This makes the directory)
3. `chown nodeadmin:nodeadmin /scripts` (This changes the owner to the nodeadmin account)
4. `chmod 770` (This allows the Root/Nodeadmin account to Read/Write/Execute)
5. `cp /tmp/<starchiver script.sh> /scripts` (This copies the script from the /tmp directory to /scripts)

Crontab - Crontab is scheduler so you can launch scripts hourly/daily/weekly/monthly.

1. **type "sudo crontab -e" (Edit the crontab)**
2. **Pick 1. nano unless you like other editors.**

```
nodeadmin@Constellation-Node:/scripts$ crontab -e
no crontab for nodeadmin - using an empty one

Select an editor. To change later, run 'select-editor'.
 1. /bin/nano          <---- easiest
 2. /usr/bin/vim.basic
 3. /usr/bin/vim.tiny
 4. /bin/ed

Choose 1-4 [1]: █
```

Add the following to the bottom of the crontab to run the script at 10AM Sunday

0 10 0 /scripts/<starchiver script> -options

To run it every Sunday at, for example, 10:00 AM, add:

bash

Copy

Edit

```
0 10 * * 0 /scripts/myscript.sh
```



Explanation:

- 0 → minute
- 10 → hour (10 AM)
- * → every day of the month
- * → every month
- 0 → Sunday (can also use 7)

It should look like this...