

# How to set up and configure automated backups in HeroTill

**Blog:** [Support for SFTP backups](#)

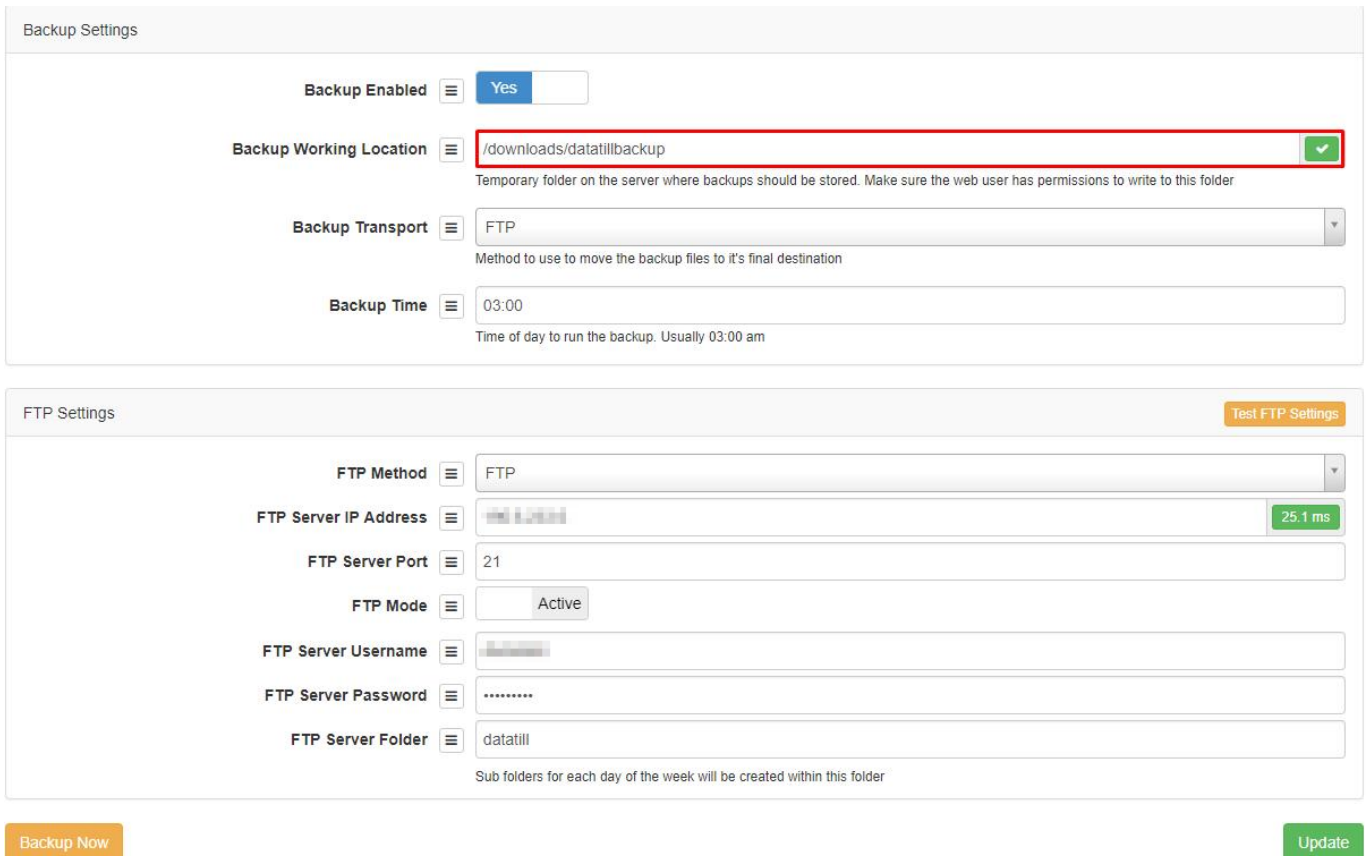
**Blog:** [Support for LFTP backups](#)

HeroTill has the functionality to do automated nightly backups and to copy these offsite.

**Note:** Backups should be managed by the Customer and the backups server should be copied offsite every night, via FTP or SFTP.

Go to **Setup -> System Settings -> System Backups** .

To configure, follow the screenshots below:



The image shows two screenshots of the HeroTill configuration interface. The top screenshot is titled "Backup Settings" and contains the following fields:

- Backup Enabled:** A toggle switch set to "Yes".
- Backup Working Location:** A text input field containing "/downloads/datatillbackup", highlighted with a red border. A green checkmark is visible in the bottom right corner of the field. Below the field is the text: "Temporary folder on the server where backups should be stored. Make sure the web user has permissions to write to this folder".
- Backup Transport:** A dropdown menu set to "FTP". Below the dropdown is the text: "Method to use to move the backup files to it's final destination".
- Backup Time:** A text input field containing "03:00". Below the field is the text: "Time of day to run the backup. Usually 03:00 am".

The bottom screenshot is titled "FTP Settings" and contains the following fields:

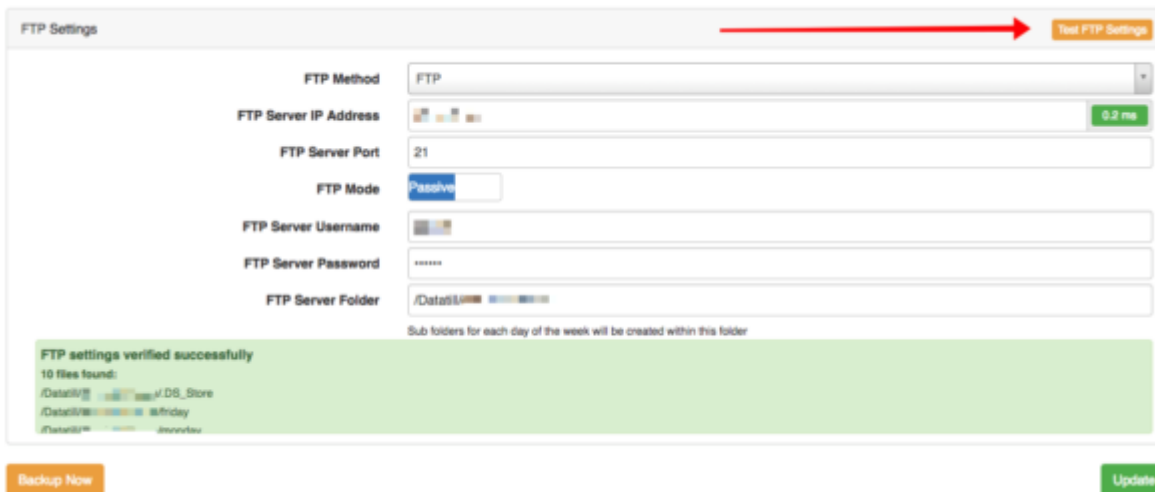
- FTP Method:** A dropdown menu set to "FTP".
- FTP Server IP Address:** A text input field containing "192.168.1.1". A green box next to the field displays "25.1 ms".
- FTP Server Port:** A text input field containing "21".
- FTP Mode:** A toggle switch set to "Active".
- FTP Server Username:** A text input field containing "root".
- FTP Server Password:** A text input field containing "\*\*\*\*\*".
- FTP Server Folder:** A text input field containing "datatill". Below the field is the text: "Sub folders for each day of the week will be created within this folder".

At the bottom of the interface, there are two buttons: "Backup Now" (orange) and "Update" (green).

Make sure that the backup working location is a permanent folder. Typically using a subfolder within /tmp/ is a **bad idea**, as this folder is often emptied on server reboot. Ideally, create a permanent backup folder on a second partition or disk within the server. The files within this folder will be overwritten every night, hence the importance of copying these files offsite.

Files can be copied off-site by either FTP or SFTP. On the remote destination, a subfolder for each day of the week will be created, and the backup files will be copied into the appropriate subfolder. This ensures that you will always have at least seven distinct backups for your HeroTill installation.

Use the “Test FTP Settings” button to verify that the system can successfully connect to the FTP destination and that it has all the permissions needed to upload files and create folders on the target location.



FTP Settings

Test FTP Settings

FTP Method: FTP

FTP Server IP Address: [IP Address] 0.2 ms

FTP Server Port: 21

FTP Mode: Passive

FTP Server Username: [Username]

FTP Server Password: [Password]

FTP Server Folder: /Data

Sub folders for each day of the week will be created within this folder

FTP settings verified successfully

10 files found:

- /Data/DS\_Store
- /Data/Friday
- /Data/Thursday

Backup Now

Update

To receive backup notifications subscribe to the “System Backups” notifications under your personal profile. This notification generates an email, SMS or slack notification at the end of each backup, detailing the result of the backup process.

Backup completed successfully

[View](#)
**Backup Duration**                      **01:41:37**
**Backup Size**                              **22.4 GB**

Date	Action	Destination	Size	Duration
2017-10-31 03:00:25	Backup Start			
2017-10-31 03:00:25	Clear old Backup Files			00:00:00
2017-10-31 03:00:26	Clear Log tables			00:00:01
2017-10-31 03:00:27	Export App Database	/tmp/backups/backup.app.sql	17.6 GB	00:16:59
2017-10-31 03:17:26	Export Freeradius Database	/tmp/backups/backup.radius.sql	799.2 MB	00:00:23
2017-10-31 03:17:49	Export Stats Database	/tmp/backups/backup.stats.sql	5.5 GB	00:05:36
2017-10-31 03:23:26	Zip Database Exports	/tmp/backups/backup.sql.zip	4.6 GB	00:13:23
2017-10-31 03:36:49	Tar Zip Freeradius Folder	/tmp/backups/backup.radius.tar.gz	816.2 KB	00:00:01
2017-10-31 03:36:50	Tar Zip Application Folder	/tmp/backups/backup.app.tar.gz	17.8 GB	00:31:43
2017-10-31 04:08:33	FTP Files	datatill@ [redacted] :/Datatill/[redacted] a/tuesday	22.4 GB	00:33:27
2017-10-31 04:42:02	Backup Stop			

You can also view your HeroTill backup results online:

Go to: [yourdatatilldomain/about/backups](#)

### System Backups

[Backup Settings](#)   [Refresh](#)

 Show  Rows

 Search: 
[Copy Columns Clipboard](#)   [Export Columns CSV](#)   [Export Columns Excel](#)   [Show / Hide Columns](#)

Status	Backup Start Date	Backup Finish Date	Duration	Working Folder	Type	Destination Folder	Result	Backup Size	
ExportRadius	2017-06-29 13:31:20			/mnt/backups	FTP		Error		<a href="#">Info</a>
Done	2017-06-29 03:00:01	2017-06-29 04:45:15	01:45:14	/mnt/backups	FTP		Error		<a href="#">Info</a>

Clicking on the blue button will show what the cause of the error was if there was an error.

This screen will also detail the individual backup steps, and show the time is taken and the size of the various backup files.