

rsync backup to a Synology NAS

This tutorial covers how to backup the userdata partition of your Batocera machine to a [Synology NAS](#). This allows you to recover your data easily to a previous state in case of data loss.

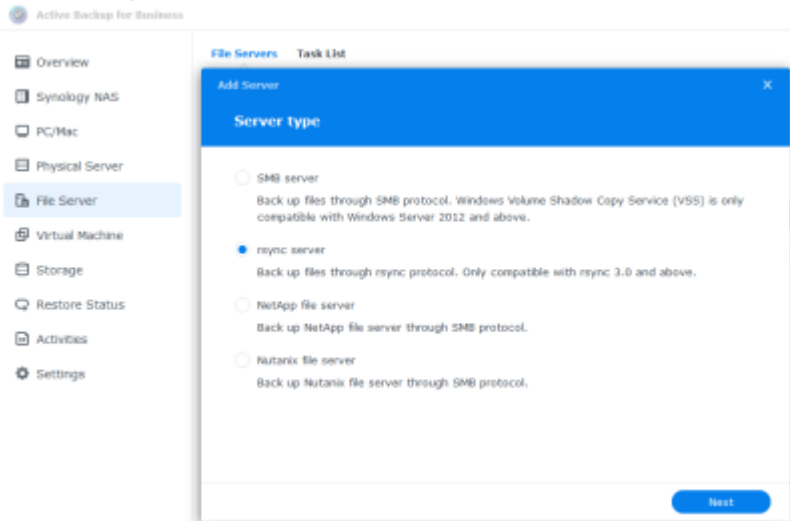
Backup via Synology Active Backup For Business (ABB)

Since the release of [Synology Active Backup For Business](#), backing up a Batocera system via *rsync* became much more convenient than ever before. Please check if your NAS model supports *Synology ABB* on this [link](#).

Tutorial

Backup

1. Install *Synology ABB* via *Synology Package Manager*
2. Start *Synology ABB* (if you are installing *Synology ABB* from scratch, you have register the application via the [Synology online account portal](#), don't worry, it's completely free!)
3. Navigate to: *File Server* → *Add Server*
4. Choose *rsync server*:

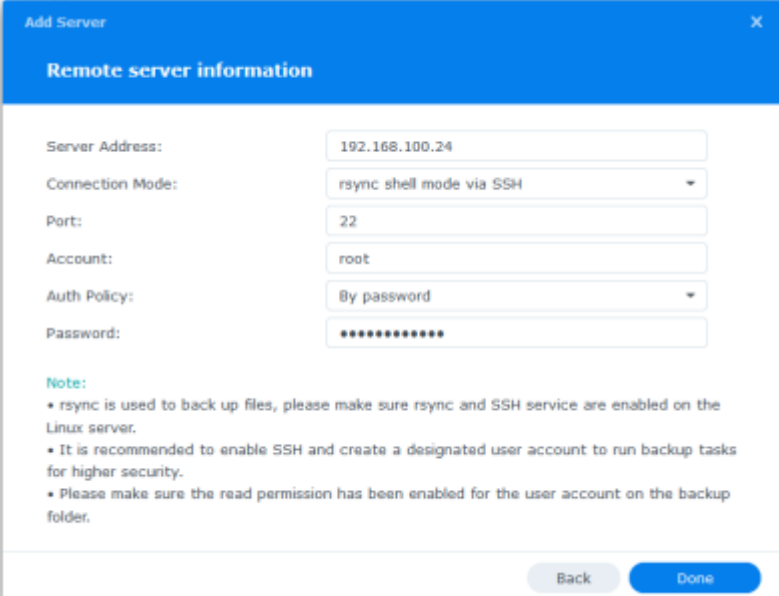


Add a server

Click on *Next*

5. For the following input fields add the following values:
Server Address: <my_Batocera_IPAddress_or_hostname>
Connection Mode: Select *rsync shell mode via SSH*
Port: Insert your Batocera instance's SSH port (Default: 22)
Account: root
Auth Policy: Choose *By password* (or alternatively *By SSH key* if you have set up [password-less_authentication](#) from your NAS to your Batocera instance before)

Password: <myBatoceraRootPassword>



Add Server

Remote server information

Server Address: 192.168.100.24

Connection Mode: rsync shell mode via SSH

Port: 22

Account: root

Auth Policy: By password

Password: ••••••••

Note:

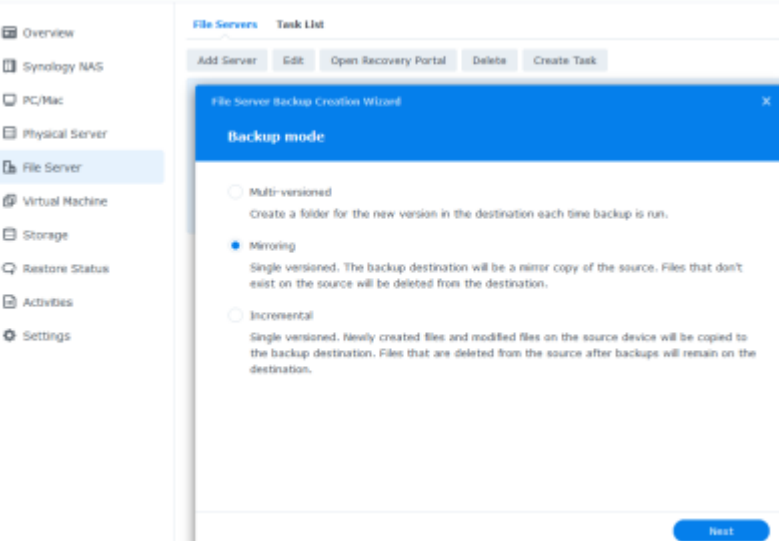
- rsync is used to back up files, please make sure rsync and SSH service are enabled on the Linux server.
- It is recommended to enable SSH and create a designated user account to run backup tasks for higher security.
- Please make sure the read permission has been enabled for the user account on the backup folder.

Back Done

Insert server data

Click on *Done*

6. Now highlight the *rsync* instance you have just created and click on *Create Task*, then select your preferred backup mode:



Active Backup for Business

Overview

Synology NAS

PC/Mac

Physical Server

File Server

Virtual Machine

Storage

Restore Status

Activities

Settings

File Servers Task List

Add Server Edit Open Recovery Portal Delete Create Task

File Server Backup Creation Wizard

Backup mode

☐ Multi-versioned
Create a folder for the new version in the destination each time backup is run.

☒ Mirroring
Single versioned. The backup destination will be a mirror copy of the source. Files that don't exist on the source will be deleted from the destination.

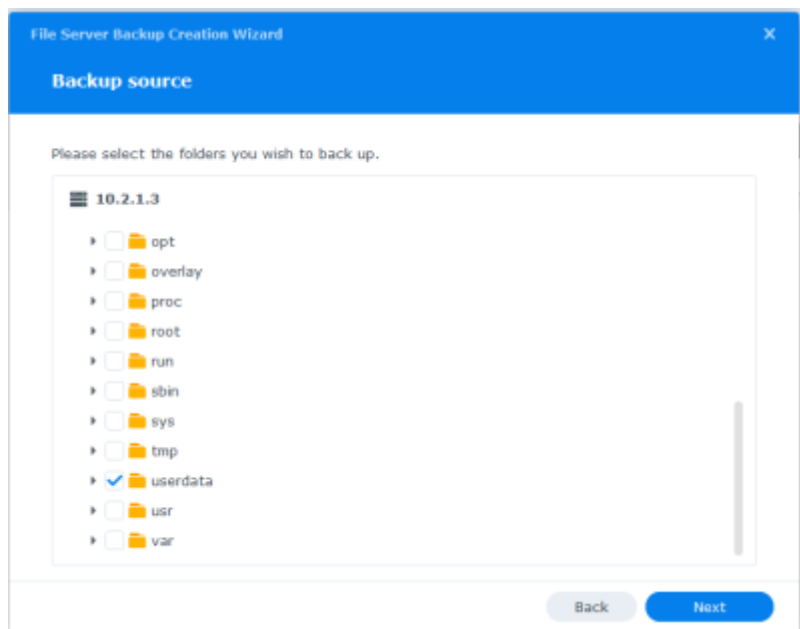
☐ Incremental
Single versioned. Newly created files and modified files on the source device will be copied to the backup destination. Files that are deleted from the source after backups will remain on the destination.

Next

Select preferred backup mode

Click on *Next*

7. Select all folders from the Batocera filesystem you want to backup (If you are unsure: Select the whole userdata folder but no other folders):



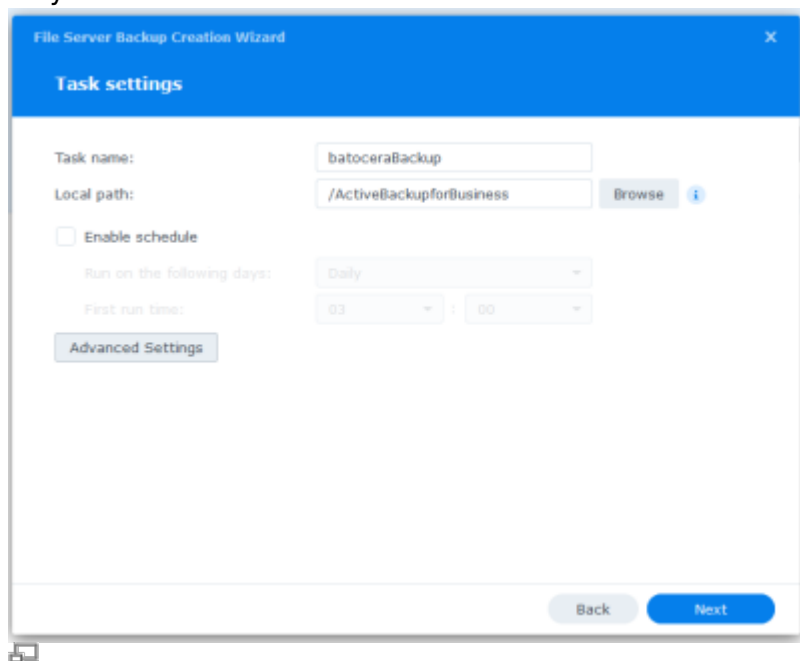
Select preferred folders to backup

Click on *Next*

8. For the following input fields add the following values:

Task name: <myCustomTaskName>

Local path: Click on *Browse* and select the preferred path where the backup should be stored on your NAS:



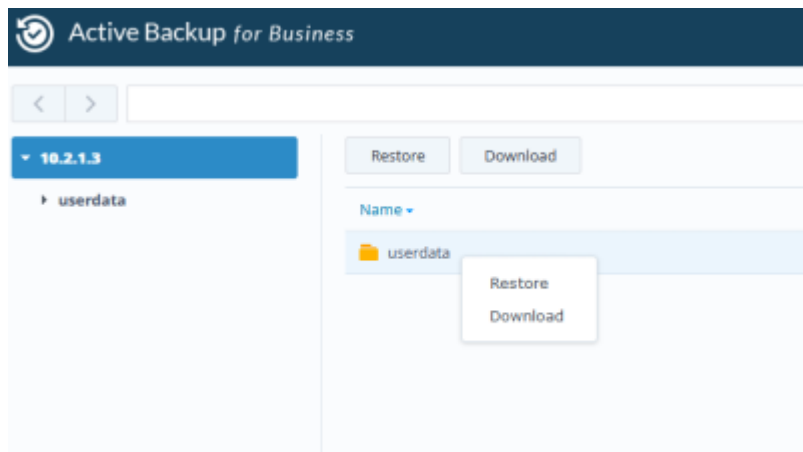
Additional task settings

Click on *Next* and then click on *Done*

9. When asked, confirm if you want to start the backup immediately. If you want to start the backup later manually, highlight the according *rsync* server, click on *Task List* and then click on *Back up*.

Restore

If you want to restore a single file or a full backup, do so by using the *Active Backup For Business (Recovery) Portal* which was installed automatically additionally on your *Synology NAS* when installing *Synology ABB*. It's pretty straightforward: Highlight the according folder(s)/file(s), right-click and choose *Restore* (don't forget to have your Batocera system turned on!):



 Restore a backup

That's it, you're done!

From:

<https://www.wiki.batocera.org/> - **Batocera.linux - Wiki**

Permanent link:

https://www.wiki.batocera.org/rsync_backup?rev=1693895754

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