

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.

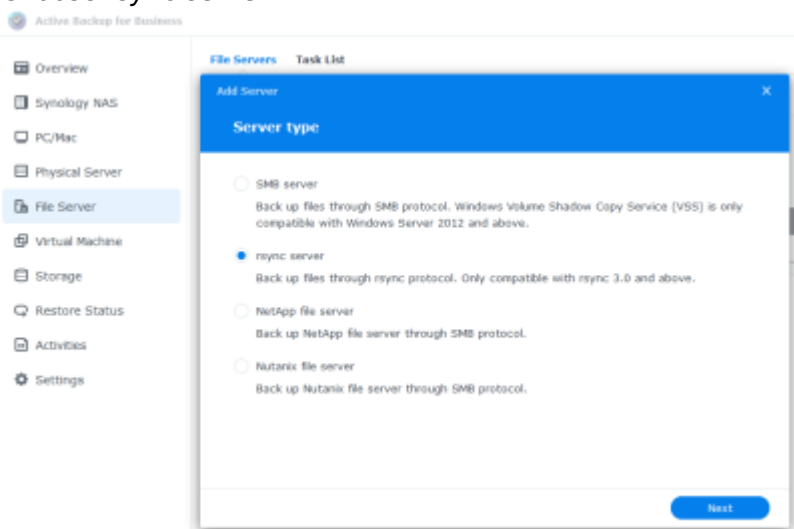
Backup via Synology Active Backup For Business (ABB)


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

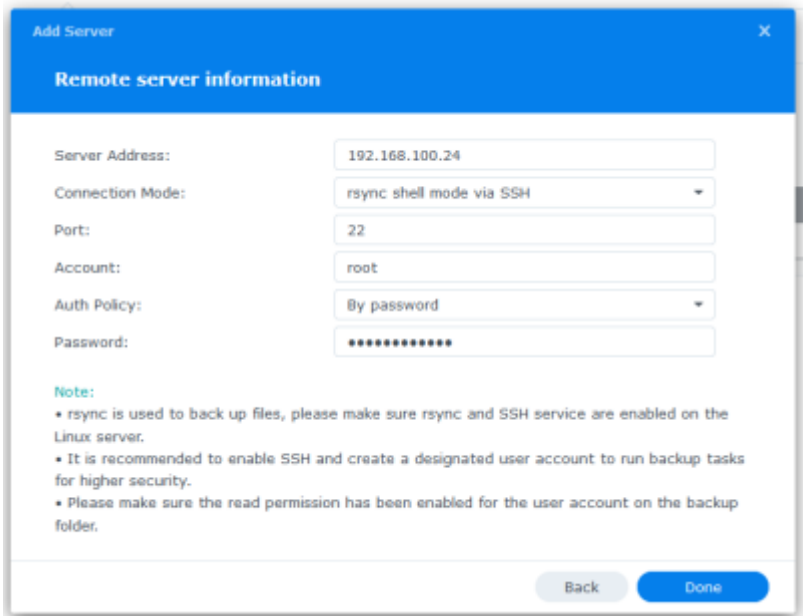
1. Install *Synology ABB* via *Synology Package Manager*
2. Start *Synology ABB* (if you are installing *Synology ABB* from scratch, you have register the application via the [Synology online account portal](#), don't worry, it's completely free!)
3. Navigate to: *File Server* → *Add and rsync server*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



 Add a server

Click on *Next*

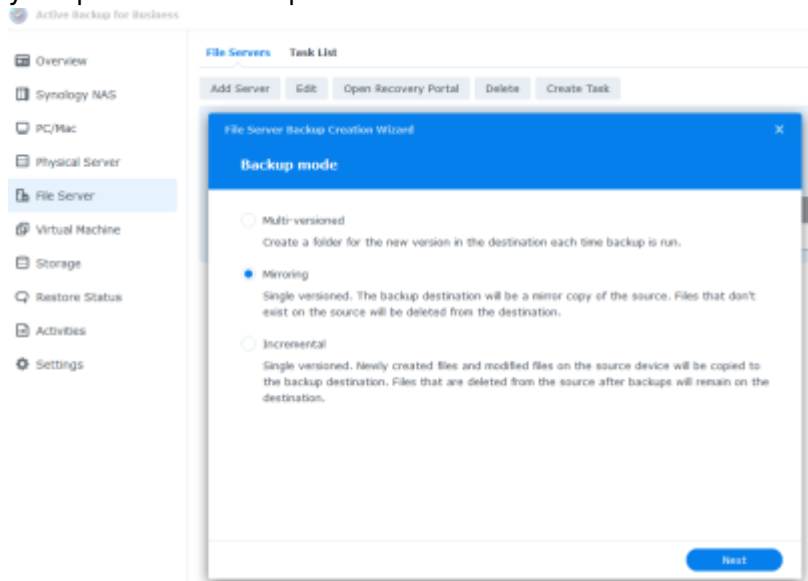
5. For the following input fields add the following values:
 - Server Address:** <my_Batocera_IPAddress_or_hostname>
 - Connection Mode:** Select rsync shell mode via SSH
 - Port:** Insert your Batocera instance's SSH port (Default: 22)
 - Account:** root
 - Auth Policy:** Choose By password (or alternatively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



Insert server data

Click on *Done*

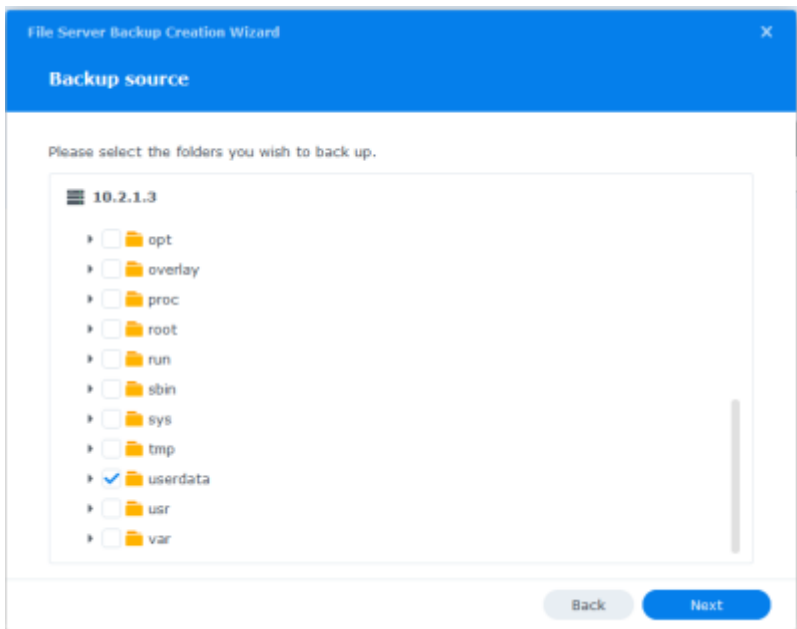
6. Now highlight the rsync instance you have just created and click on *Create Task*, then select your preferred backup mode:



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)



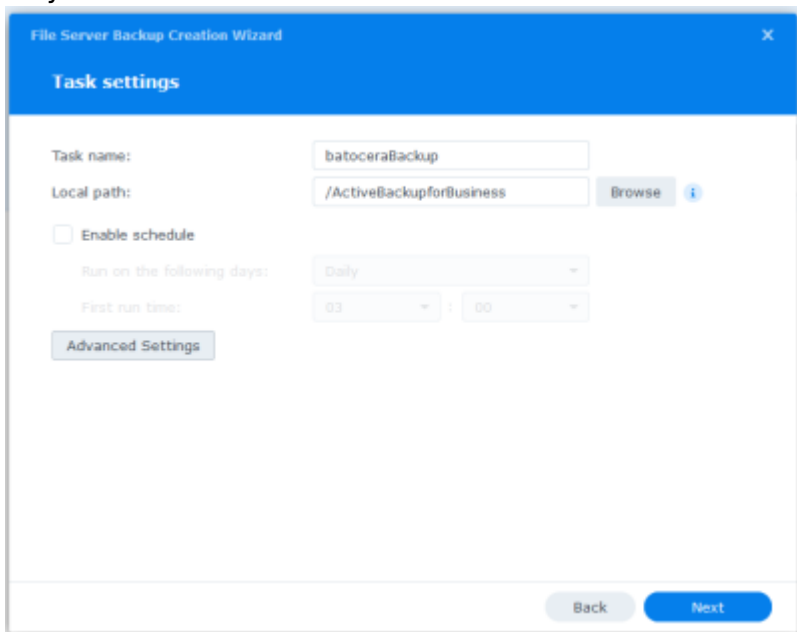
Select preferred folders to backup

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



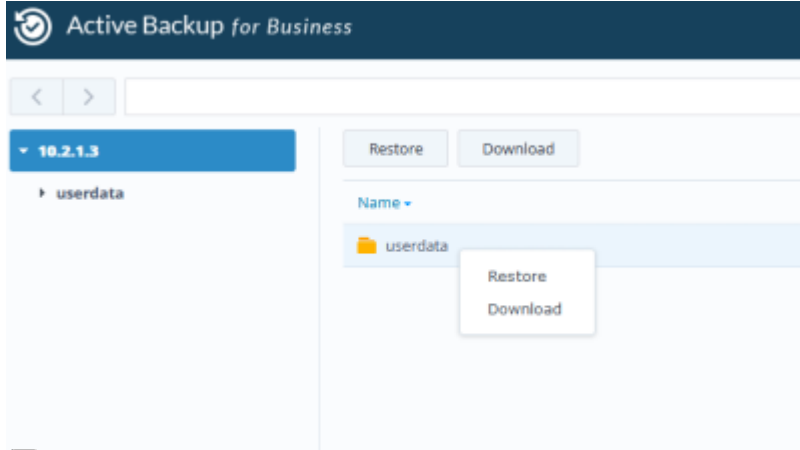
Additional task settings

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 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=1693817771

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