

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.

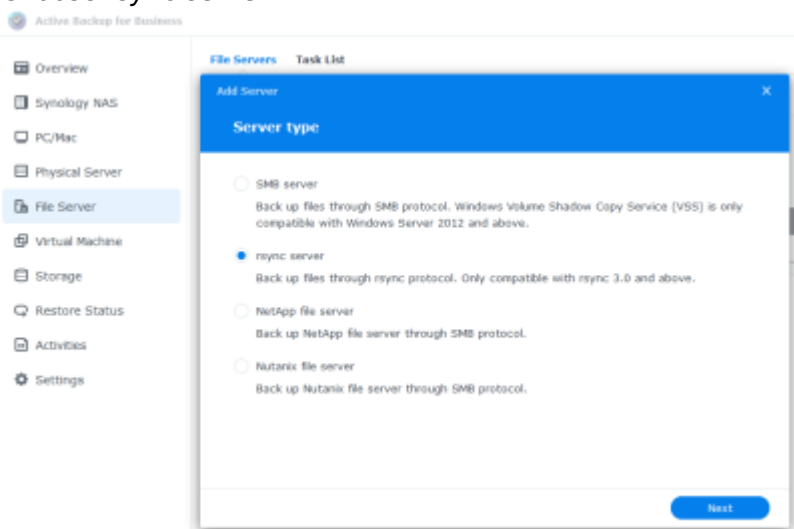
Backup via Synology Active Backup For Business (ABB)


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

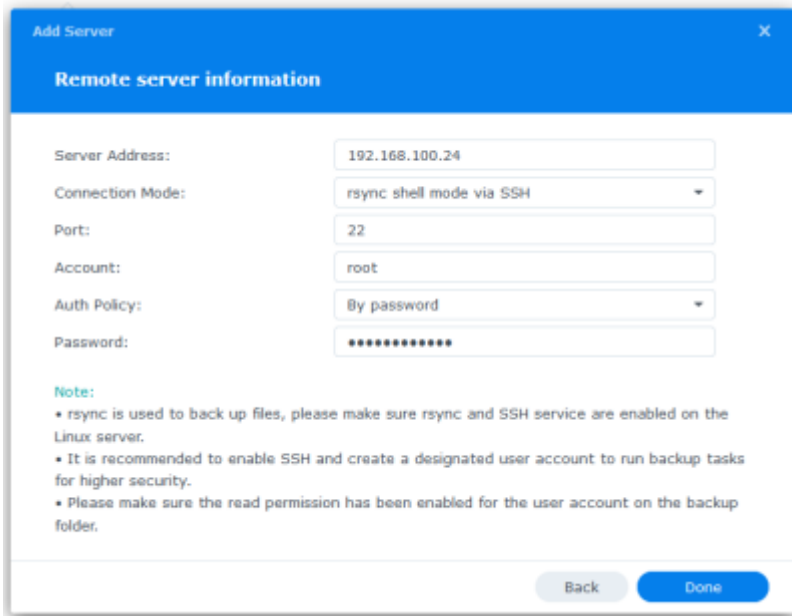
1. Install *Synology ABB* via *Synology Package Manager*
2. Start *Synology ABB* (if you are installing *Synology ABB* from scratch, you have register the application via the [Synology online account portal](#), don't worry, it's completely free!)
3. Navigate to: *File Server* → *Add Server*
4. Choose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



 Add a server

Click on *Next*

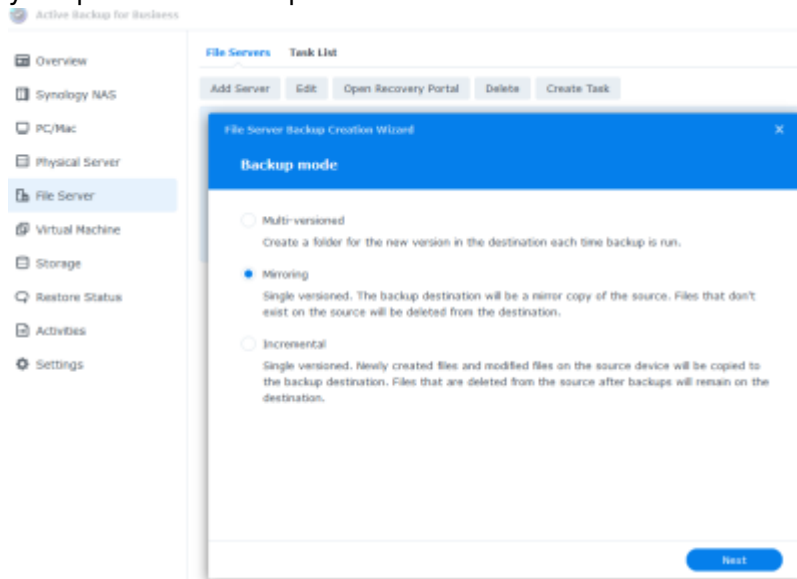
5. For the following input fields add the following values:
 - Server Address:** <my_Batocera_IPAddress_or_hostname>
 - Connection Mode:** Select rsync shell mode via SSH
 - Port:** Insert your Batocera instance's SSH port (Default: 22)
 - Account:** root
 - Auth Policy:** Choose By password (or alternatively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



Insert server data

Click on *Done*

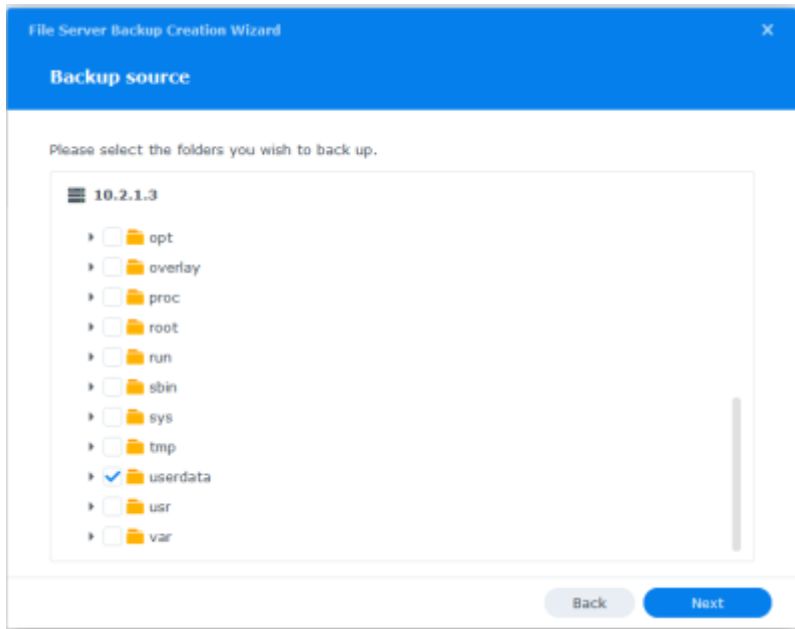
6. Now highlight the *rsync* instance you have just created and click on *Create Task*, then select your preferred backup mode:



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):



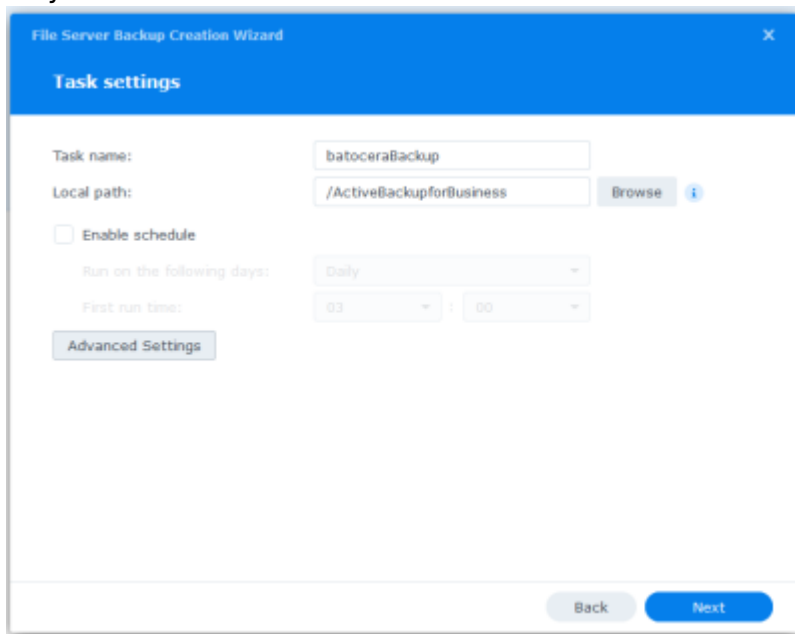
Select preferred folders to backup

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*

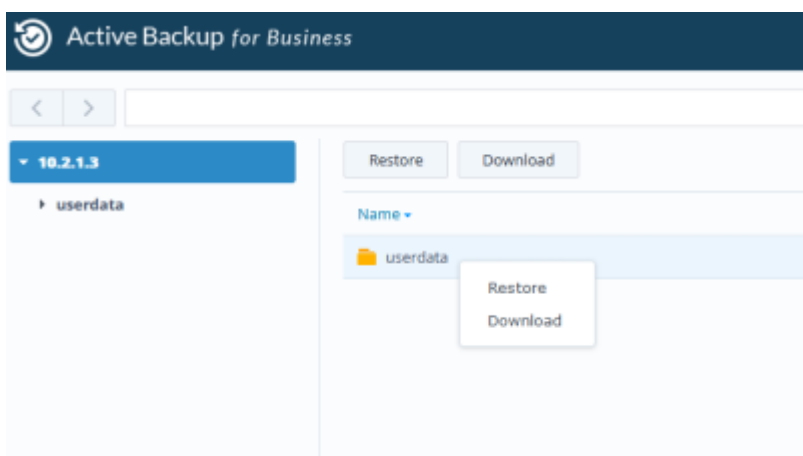
9. When asked, confirm if you want to start the backup immediately. If you want to start the backup later manually, highlight the according *rsync* server, click on *Task List* and then click on *Back up*.


Restore



In case you are restoring your data based on a fresh Batocera installation, before restoring, make sure bluetooth service is stopped by executing the following command on your Batocera system: `/etc/init.d/S32bluetooth stop`. This makes sure your bluetooth controllers are being recognized and working as before. If you don't do this, then you have to set up your bluetooth controllers from scratch again.

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

After successful restore process, reboot your Batocera system.

That's it, you're done!

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

Permanent link: https://wiki.batocera.org/rsync_backup

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