RESCUEZILLA: CREATE A BACKUP/DISK IMAGE

Original article: 4 March 2021

Last modified: 4 March 2021

Rescuezilla is a free Live USB under Linux that allows you to **create a disk image and backup**.
Then you can, when Windows crashes, **restore this backup**.
RescueZilla is a fork of **Redo Rescue** which is much easier to use than CloneZilla.

Here are the advantages of **this backup software**:

- More modern interface than CloneZilla
- Can back up to the network. Useful if you have a NAS
- No installation required; works from a USB stick or CD-ROM
- Register and restore Windows, Mac and Linux machines
- Fully interoperable with Clonezilla, the industry standard trusted by tens of millions
- Easily mount your Clonezilla backup images and copy your files: **Rescuezilla: restore a file with Image Explorer**
- Recovering deleted images, documents and other files
- Accessing the Internet with a full browser

This tutorial guides you through **creating a system backup with RescueZilla**.

INTRODUCTION TO RESCUEZILLA

RescueZilla is therefore completely free.

In addition to providing **disk backup and recovery software**, it also offers the possibility of accessing a graphical interface.

From this, you can access GParted, Firefox, a file manager or a terminal.

It can therefore also be used as a **Live USB troubleshooter and backup in** case of a system crash.

Note however, that there are many others that I present in this article:

The best Live USB backups for troubleshooting your PC

Here we will see **how to create a system image with RescueZilla**.

This allows you to save your entire Windows or a dual-boot, which you can restore later.

This is the fastest way to recover a working system with all its configuration.

RESCUEZILLA: CREATE BACKUP AND DISK IMAGE

Time required: 40 minutes.

Creating a backup and disk image with Rescuezilla

1. **Download RescueZilla**

Download **the RescueZilla ISO file** from this link:

Download RescueZilla

It is in the form of a file of type **rescuezilla-2.1.3-64bit.groovy.iso**.

2. Create the bootable USB stick with Rufus

Then create the bootable USB stick with Rufus.
You have to select the ISO file and then set **Rufus** correctly.
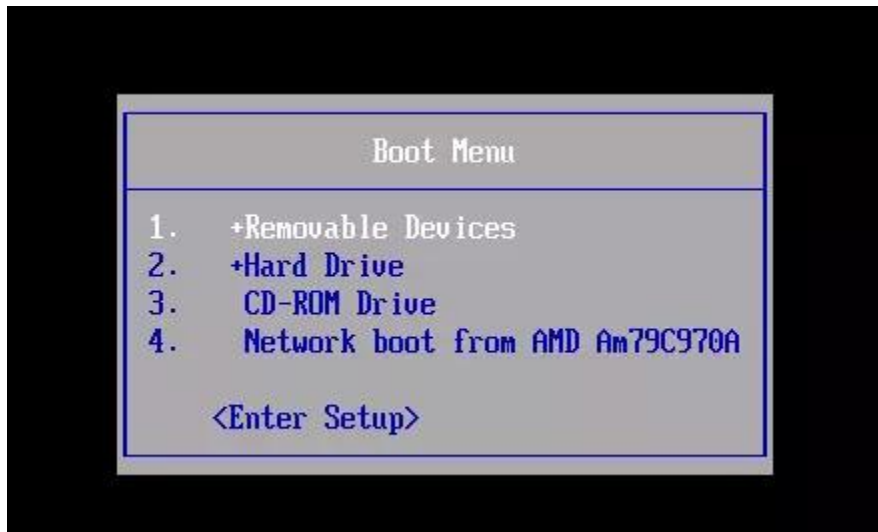To do this, follow the tutorial :

How to create a Bootable USB stick with Rufus

3. Getting started on RescueZilla

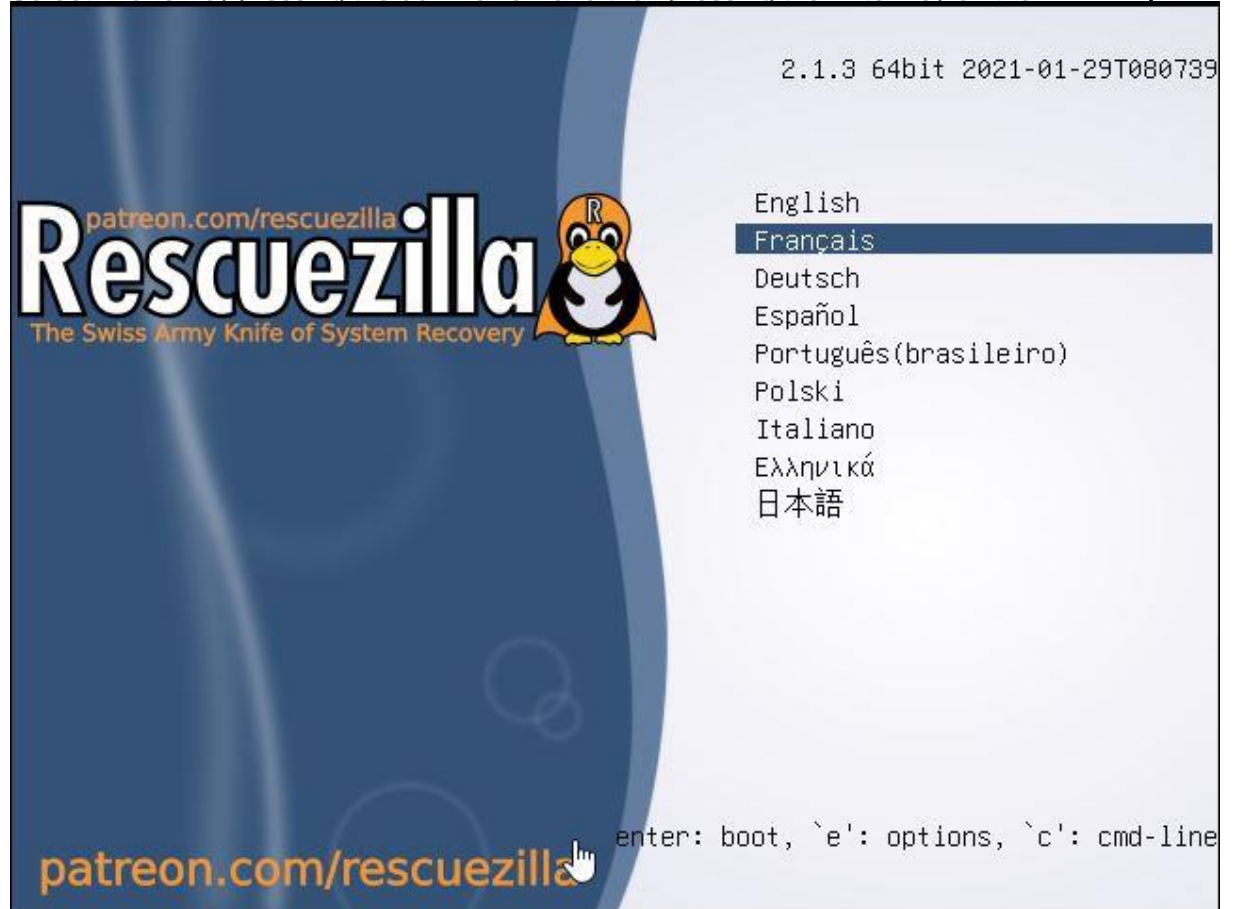Once the RescueZilla key is ready, you need to start your PC on it.

If you don't know how to do this, follow this tutorial:

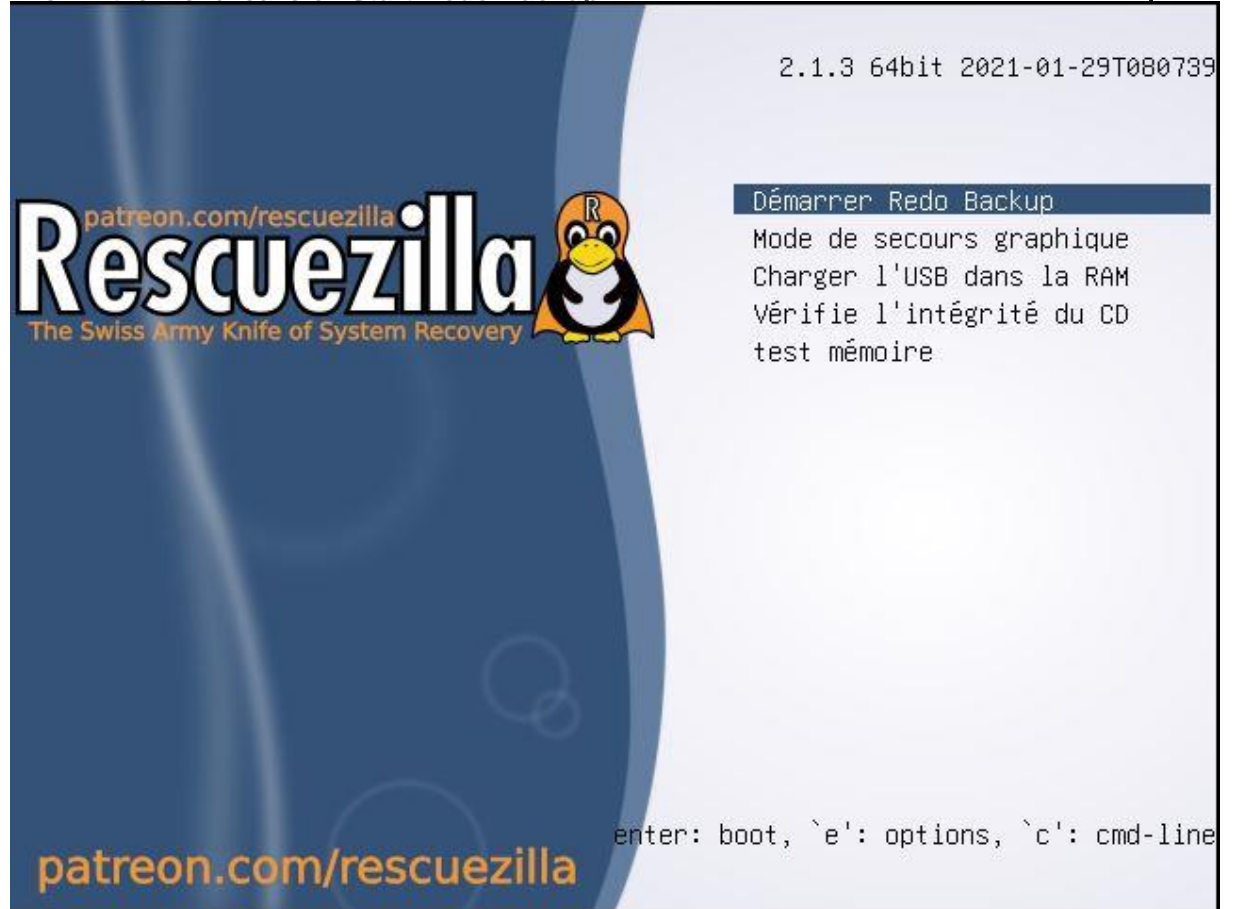## How to start the computer on a USB stick

4. Select the language

Select French by pressing the down arrow and then pressing the Enter key on the

5. **Start Redo Backup**

Then in the menu leave on **Start Redo Backup**.

6. **Start the system backup**

The RescueZilla welcome menu opens.

7. **Choose the source hard drive to back up**

8. Select the partitions to be backed up

Then you choose the disk partitions you want to backup.
By default they are all checked.
Leave **the system and boot partitions** checked so that you can make your system
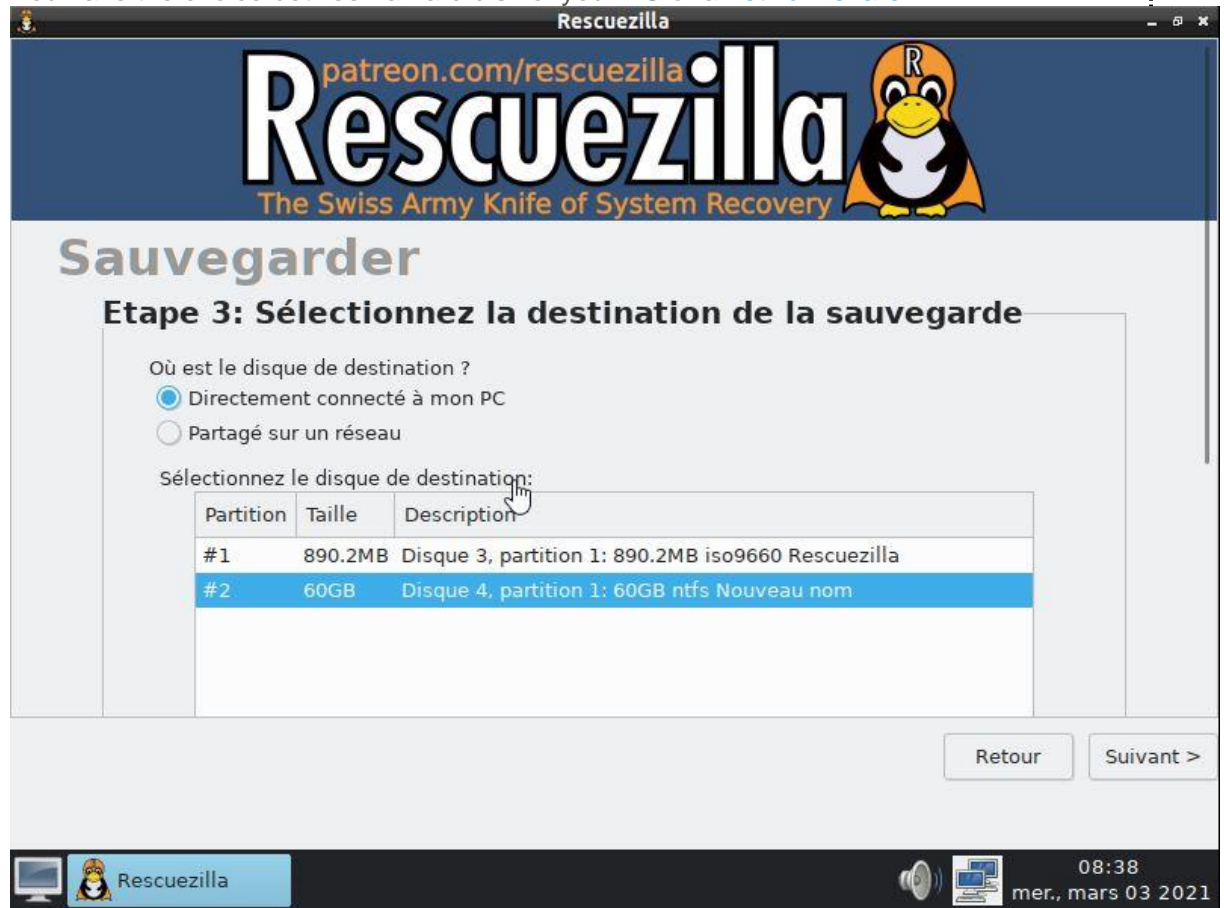
bootable after a restore.

9. Select the destination disk

Then you choose the location of the backup, to which local or network drive the system backup will be stored.

You have the choice between a hard disk of your PC or a network share.

10. **Specify the backup directory**

Then we define **the backup folder**.
By default, you are offered **/mnt/backup**

You can change the directory using the **Browse** button.

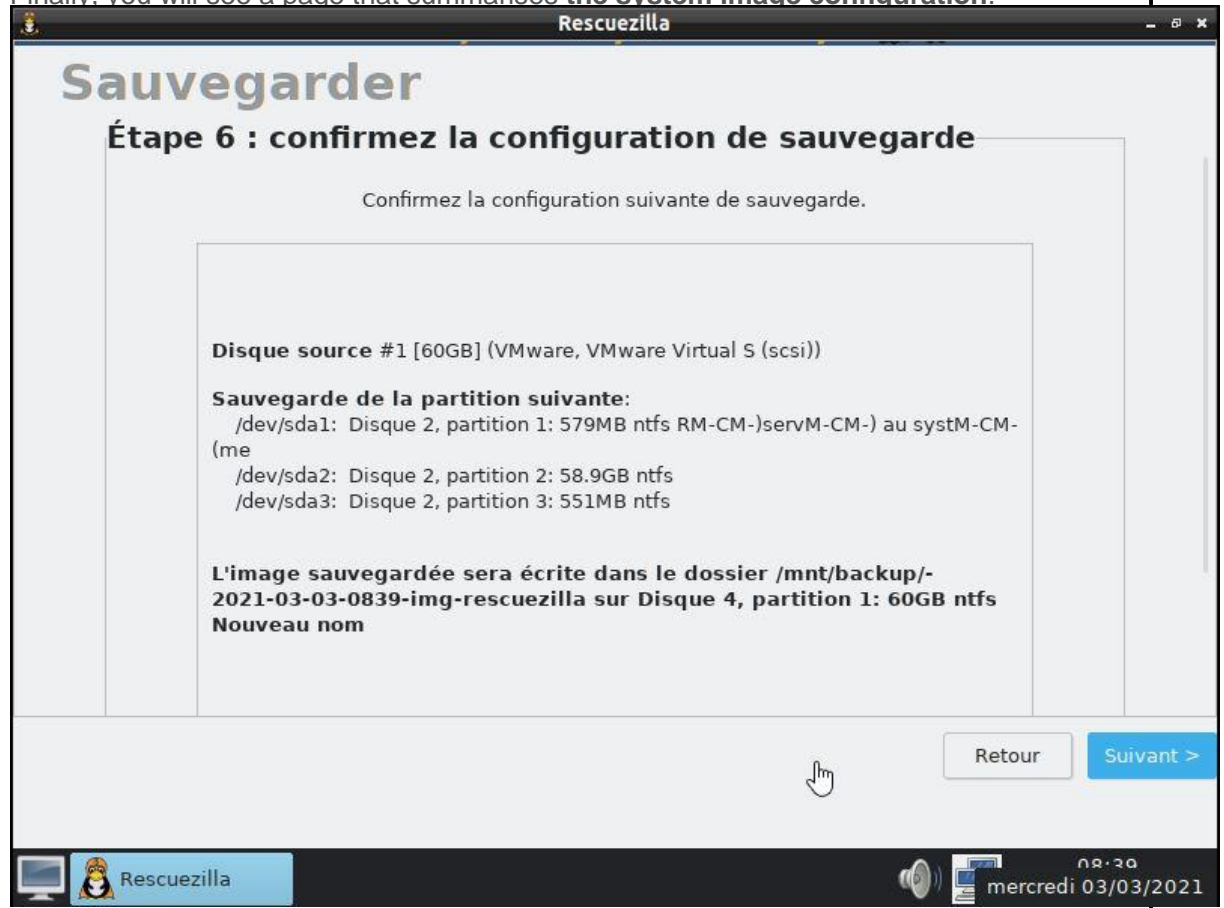## 11. Naming the system image

Finally, you must name the system image if you want to make several images to differentiate them.

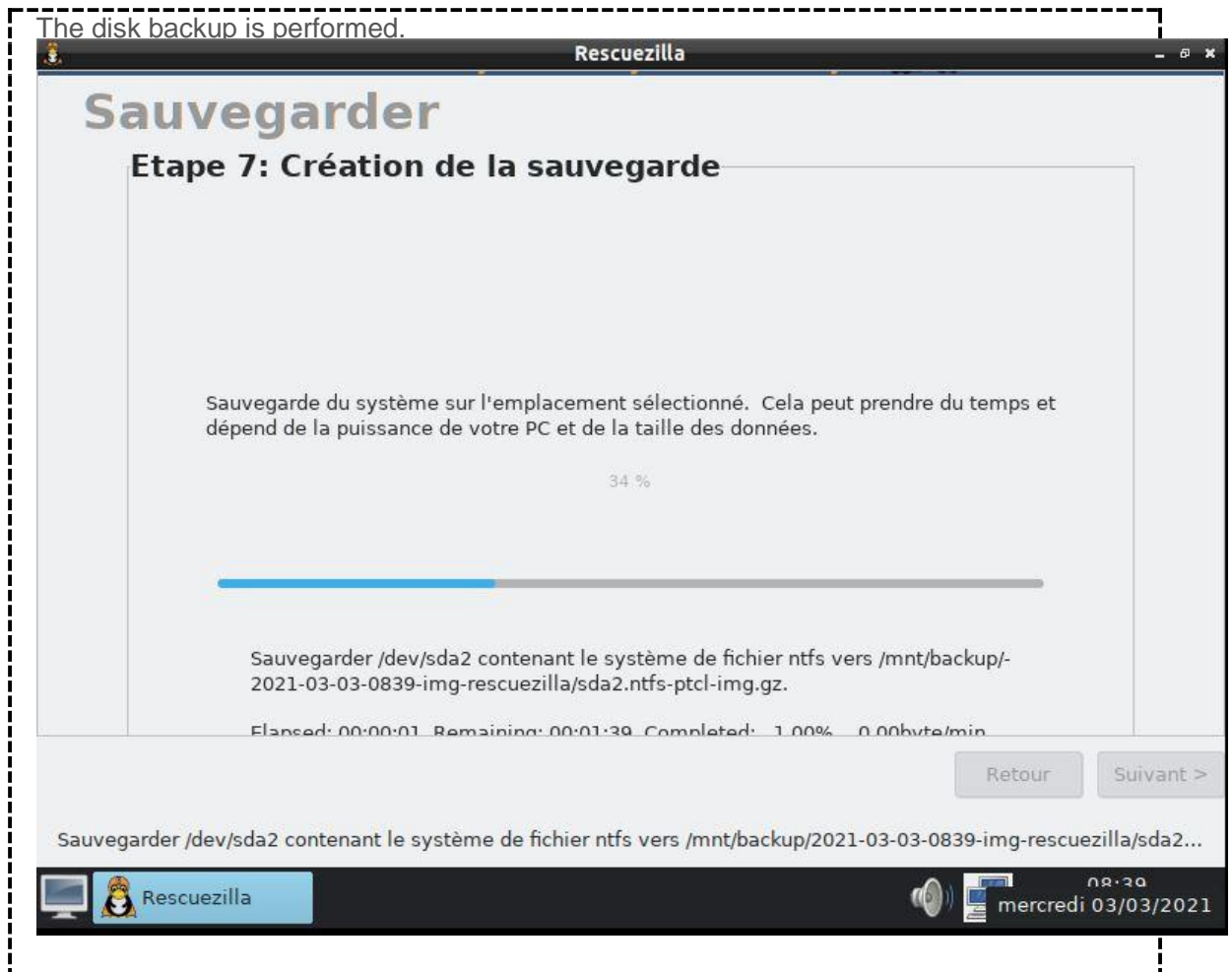By default, you are offered the current date with img-rescuezilla.

12. **Summary of the backup configuration**

Finally, you will see a page that summarises **the system image configuration**.

13. **Creating the disk backup**

The disk backup is performed.

Be sure to read the following FAQ which also gives some backup tips.

Congratulations! You have successfully created a system backup with RescueZilla.

FAQ RESCUEZILLA
What is RescueZilla?

This is a free Live USB that includes disk image backup software.
It allows you to create a system backup very easily.

What is a system image?

This is a backup of the disk partitions.
That is to say that you save your entire disk in a file.
This then allows you to restore your partitions with your OS and applications installed.
This is the fastest way to restore an identical system.

The system image and the disk backup or system backup are the same thing.
Read more:

How to back up and restore data on Windows 10?
Can I make incremental backups with RescueZilla

No RescueZilla does not support incremental backups.
Your system will drift after the backup (Windows 10 update installation, new application).
You will have to create a new backup to be as close as possible.

Do you have to back up your personal data as well?

Yes, the system backup only allows you to restore the system.
Your data changes every day.
So you need to make regular backups to be able to restore a lost or mistakenly deleted file.

This tutorial helps you to do that:

Windows 10: backing up personal data

Do I need to keep the RescueZilla Bootable USB stick?

Yes, because it will be used to restore the system image.
So if your PC crashes, you already have your RescueZilla
USB stick to initiate the recovery.

RESTORE A SYSTEM IMAGE RESCUEZILLA

In the event of a system crash and the inability to access Windows 10, the disk image must be restored.
To do this, follow this guide:

Rescuezilla: Restore a backup and disk image