



Instructions

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### **1 Preparing USB stick**

1. Download Redorescue-3.0.2.iso

https://sourceforge.net/projects/redobackup/files/redorescue-3.0.2.iso/download

2. Install Rufus 3.13

#### https://rufus.ie/

Select version for the respective operating system of the workstation

3. Plug in the USB stick and start Rufus Note: USB stick must have at least 8GB

D	ownload
ule	tzt aktualisiert am 2020.11.20:
•	Rufus 3.13 (1.1 MB)
•	Rutus 3.13 Portable (1.1 MB)
•	Andere Versionen (GitHub)
•	Andere Versionen (FossHub)

4. Select the previously downloaded .iso file from the "Select Image" menu.



**Note**: If the USB stick is not automatically selected, specify it as well.

5. Flash the .iso file to the USB stick  $\rightarrow$  "Start"

Drive Properties —		
Device		
NO_LABEL (E:) [16 GB]		
Boot selection		
redorescue-3.0.2.iso	⊘ SELECT	
Persistent partition size		
8	0 (No persistence)	
Partition scheme	Target system	
Partition scheme MBR ~ Show advanced drive properties Format Options Volume label	Target system BIOS (or UEFI-CSM)	1
Partition scheme MBR	Target system BIOS (or UEFI-CSM)	2
Partition scheme MBR MBR Scheme Schem	Target system BIOS (or UEFI-CSM) Cluster size	
Partition scheme MBR ✓ Show advanced drive properties Format Options — Volume label File system FAT32 (Default) ✓	Target system BIOS (or UEFI-CSM) Cluster size B132 bytes (Default)	1
Partition scheme MBR  Volume Show advanced drive properties Format Options Format Options File system ATI32 (Default) Volume Label File system Show advanced format options	Target system BIOS (or UER-CSM) Cluster size B192 bytes (Default)	~
Partition scheme MBR:	Target system BIOS (or UER-CSM) Cluster size B192 bytes (Default)	~
Partition scheme MBR  Value Show advanced drive properties Format Options Volume label redorescue-3.0.2.iso File system ATI32 (Default) Status Deleting partition	Target system BIOS (or UER-CSM) Cluster size 8192 bytes (Default)	2



6. Determine image mode



7. After completition Rufus can be closed

	READY	
© ① ≵ <b>■</b>	START	CLOSE

Note: If the status is "Ready", the flashing process is completed.

### 2 Boot device

- 1. Plug in the previously prepeired, bootable USB stick into the device
- 2. Start device and open BIOS setup (press "Del" repeatedly on the keyboard at the beginning of the startup process)
- 3. Select the USB stick under "Boot" → "Hard Drive BBS Priorities" → "Boot Option #1"
- 4. Return to "Boot" with "Esc" (keyboard) and select the USB stick under "Boot Opiton #1"
- 5. Press "F4" "Enter" (confirms "Yes") to save the settings and reboot → Start Redo Backup & Recovery



### 3 Preparation of a second USB stick for saving the image

In order for the image to be saved to the stick, it must be formatted to ntfs format, which is described below.

1. Start Redo Backup & Recovery and then run GParted (Application Finder  $\rightarrow$  GParted)



2. Select correct medium (top right) und then right click  $\rightarrow$  Format to  $\rightarrow$  ntfs







- 3. Press "Apply" twice
- 4. Shut down REDO after completion

### 4 Backup

1. "Redo Rescue 3.0.2" (If view of step 2 does not appear automatically)

RECUE Backup and recovery made easy.	••••••
Image         Image	
Press enter to boot the selected OS, "e' to edit the commands before booting or	'c' for a command-line.

2. "Backup"







Select drive of the data to be backed up (Source Drive)
 → "Next"

•		Redo Rescue	- 🛚 🗙
Redo	<b>2</b>	Q	0
Backup Step 1: Select	source drive		
Source drive	sda: 29.8G SATA disk, ATA TS32	3 GMSA370, Debian GNU/Linux 8 (jessi	e) •
Version 2.0.5	Rodo Roscue		🔊 🖉
	Redo Rescue		Fri Sep 25

4. Select data to be backed up  $\rightarrow$  "Next"

_	_	_			
Ba	ckup				
Step Select v	2: Select	parts to sa	VE the backup:		
	ID	Size	Туре	Filesystem	Details
	sda1	499M	Windows recovery environment	ntfs	Recovery
	sda2	100M	EFI System	vfat	
	sda3	16M	Microsoft reserved	0	
	sda4	28.2G	Microsoft basic data	ntfs	
	sda5	999M	Microsoft basic data	ntfs	
					< Back Next >

Note: Are normally selected automatically



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5. Select drive (second USB stick) on which to save the backup (Destination Drive)  $\rightarrow$  "Next"

•		Redo Rescue	- ¤ ×
Redo		P	0
Backup Step 3: Select d	estination drive		
Choose a location to save t This computer Netw	the backup to: rork drive NFS SSH	FTP	
Local disk	sdb2: 14.3G part (vfat) W95 FAT	T32 on JetFlash Transcend 16GB, REDC	D IMAGES
			V DRA
Version 2.0.5			P P
O 😳 🐵 🗐 🕛 📃 😳	Redo Rescue		1:27 PM

Note: The drive must be at least 8 GB

6. Select the folder in which the backup schould be saved (Destination Folder)  $\rightarrow$  "Next"







Name backup uniquely (file name may only occur once on the storage medium)
 → "Next"

Backup	
Step 5: Name the Enter a name to identify this b	e backup backup image:
Name 🕕	20210217.backup
Notes ()	Optional description of this backup
	< Back Next >

8. After the successful creation of the backup image (see picture), exit the menu with "Exit".





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### **5 Verify**

1. "Redo Rescue 3.0.2" (if view from step 2 is not automatically visible)



2. Select Verify





 Select the drive on which the backup is located → "Next"

	Addy Africe
Verify	
Step 1: Select so	purce drive
Select the source drive that	contains the saved backup image:
This computer Netwo	rik drive NFS SSH FTP
Local disk 🕚	sdc: 29.3G USB disk (nffs) on Intenso Alu_Line v
	< Back
	*
	~5

4. Select backup to be compared  $\rightarrow$  "Next"

Verify		
Step 2: Select be Select a backup file to verify Image file <b>0</b>	its integrity: /20210217backup.redo	Select
		< Back Next >





5. Determine which parts are to be compared (see picture)

Verify					
Step 3: Choo Select which parts of t	ose parts to	o verify			
D Part	Size	Туре	Filesystem	Details	
💉 scial	499M	Windows recovery environment	ntts	Recovery	
and the second	100M	EFI System	vfat		
🗉 sdað	16M	Microsoft reserved			
₩ sda4	28.2G	Microsoft basic data	nths		
et sdað	999M	Microsoft basic data	nth		
✓ Image details	-				
				e Bat Net 1	

6. If the test run matches / is correct, end Redo
 → "Exit"

Redo	$\bigcirc$	Q		)			
	Veri	fy			k		
	Verifyi Checking th	ng backup in e integrity of the sele	nage ted backup image.				
				100%			8
	Part	Done	Size/Used	Elapsed	Remaining	Speed	
	4 of 4	100.00%	1.0GB / 11.1MB NTF5	00:00:01	00.00.00	666.26MB/min	
				completed successful a CoC1 Start gam 2 1			
Verme 285							5.0
🖸 🧐 🔮 📓 🕛 🧕 🧐 Reds Rescue							式 💠 1501 AM





### Instructions

### 6 Restore

1. "Redo Rescue 3.0.2" (if view of step 2 does not appear automatically)



2. "Restore"







3. Select the drive on which the backup is located (Source Drive)  $\rightarrow$  "Next"

Restor	e			
Step 1: Se Select the source This computer	elect source drive drive that contains the saved backup image: Network drive NFS SSH FTP			
Loca	I disk 0 sdc: 29.3G USB disk (ntfs) on Intenso Alu_Line		< Back Next >	
		k		

 Open directory and select backup → "Next"

				_
R.				
	Restore			
	Step 2: Select backup file to rest	ackup image		
	Image file 0	/20210216backup.redo	Select	
			< Back Next >	





Select the drive to which the backup will be restored (Destination Drive)
 → "Next"

Resto Step 3: Select the ta	Ore Select destination rget drive to restore to: Target I sda: 29.	I <b>n drive</b> IG SATA disk, ATA TS32GMTS400		,	
				< Back Next >	

 6. Select data to be restored → "Next"

Select which parts of the backup image to restore:		
Full system recovery 0 Restore data only 0		
Part Size Type Filesystem Details		Target
sda1 499M Windows recovery environment ntfs Recovery	÷	1
Sda2 100M EFI System vfat	$\rightarrow$	2
v sda3 16M Microsoft reserved	$\rightarrow$	3
Sta4 28.2G Microsoft basic data ntfs	$\rightarrow$	4
sda5     999M     Microsoft basic data     ntfs	$\rightarrow$	5
➤ Image details		
	_	
	< B;	ack Next >



Confirmation to overwrite the data
 → "Yes, I'm sure!"



 After successful transfer → "Exit"

-		Re	rdo Rescue				- 0
Re			Ð			$\bigcirc$	
Restor Witting sy	tore	up image				ĸ	
	stem snapsnot t	o de argetante.	100%				
Part	Done	Size/Used	Elapsed	Remaining	Speed	Targe	t
3 of 3	100.00%	23.4GB / 548.1MB EXTFS	00:00:09	00:00:00	3.65GB/min	sda3	
		Restore compl	ieted successfully in ( t again 🖉 Exit	01:12.			(1866)
sion 2:0.5							
001	<u>ා</u> ය 💽 💿	Redo Rescue		1		2	12:02 P

#### Disclaimer

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