

## Headless system disk backup with PartedMagic (CloneZilla)

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**Ortega**

[Intermediate]

### Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

A little guide to make a backup of the OMV system disk with Clonezilla (with PartedMagic).

How to create a bootable PartedMagic Usb stick: [partedmagic.com/creating-the-liveusb/](http://partedmagic.com/creating-the-liveusb/) (<http://partedmagic.com/creating-the-liveusb/>)

- shutdown your OMV box
- plug in the PartedMagic Usb stick
- power on your OMV box
- go to your main pc/laptop/tablet(!?)
- connect to your router webpage and search for "devices" or "devices list"
- you should find an IP number with the name "partedmagic"
- note down the IP number (for example: 192.168.0.103 )
- launch Putty (or similar program)
- connect in SSH (port 22) with the IP number you have noted down (for example: 192.168.0.103:22 )
- at login prompt enter: "root" (without quotes 😊 )
- at password prompt enter: "partedmagic" (without quotes 😊 )
- enter the command: `chmod a+x /root/.xinitrc`
- enter the command: `vncserver :60` (you can use any number, just remember which number you have entered 😊 )
- open your VNC client and connect to the IP address you noted+colon (:)+the number you entered earlier (for example: 192.168.0.103:60 )
- now you should see the PartedMagic desktop!
- from here you can use CloneZilla or any other program shipped in PartedMagic.

Thanks for the precious infos to the user **burdi01** on the PartedMagic forums, and of course to the PartedMagic author!

The post was edited 2 times, last by Ortega (Mar 27th 2014).



**tekkbebe**

[Moderator]

### Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

[forums.openmediavault.org/viewtopic.php?f=3&t=2225](http://forums.openmediavault.org/viewtopic.php?f=3&t=2225) (<http://forums.openmediavault.org/viewtopic.php?f=3&t=2225>)

Have you seen this:



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

Sorry, I haven't seen these threads.  
Should I remove/edit my post ?



**tekkbebe**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

No it's ok. It gives people vnc info. I'm big fan of PartedMagic. Ryeco likes System Rescue CD.



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

“tekkbebe” wrote:

I'm big fan of PartedMagic.

Me too 🙄

Even now that is pay-ware, I've purchased the latest version, really great collection of utilities.



**ryecoaron**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

“tekkbebe” wrote:

I'm big fan of PartedMagic. Ryeco likes System Rescue CD.

Actually, I really like both 😊 I use PartedMagic a lot for clonezilla because it has better hardward support. I even paid the \$5 for the January version 😊

davidh2k



[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

GParted - GParted - GParted \*sounds like song\*

Greetings

David



**ryecoaaron**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

I assume you mean gparted live? It doesn't have clonezilla. If I don't need clonezilla, I use systemrescuecd because it has the most utilities (photorec, dcfldd, etc) and I used to use it to install Gentoo.



**tekkbebe**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

I wish they had lifetime downloads. I would pay it.



**davidh2k**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 27th 2014

“ryecoaaron” wrote:

I assume you mean gparted live? It doesn't have clonezilla. If I don't need clonezilla, I use systemrescuecd because it has the most utilities (photorec, dcfldd, etc) and I used to use it to install Gentoo.

Yup. GParted Live. I only use it for partitioning... 😊

Greetings

David



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

I have a problem with the image of my system disk saved with Clonezilla.

I have successfully saved my OMV system disk with PartedMagic (Clonezilla) on my OMV box **data disk** shared folder.

Now i want to move the Clonezilla save directory named "2014-02-27-17-img" to my (very)old Synology nas, but i have this message "accesso negato" (in english "access denied") when I try to move the file "2014-02-27-17-img\sdd1.ext4-ptcl-img.gz.aa" 🤔 🤔

What I am doing wrong?

Thanks in advance.



**ryecoaron**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

You probably saved it with root permissions. Login via ssh and do the following:

```
chmod -R 766 /media/long_uuid/2014-02-27-17-img
```



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

Funny, I have issued this command

### Source Code



```
1.  chmod -R 766 /media/d7e8338a-970c-43a1-a0c7-a05a43e42edb/Disco2Share/2014-02-27-17-img/
```

and now I can't access anymore to the folder "2014-02-27-17-img" (from my Windows 8.1 64bit pc) 🤔

### Source Code



```
1.  drwxrwsrwx+  2  root    users  4096  Feb 27 17:49 2014-02-27-17-img
2.  drwxrwxrwx+ 16  nobody users  4096  Feb 27 08:58 movies
3.  drwxrwsrwx+  2  nobody users  4096  Feb 28 15:59 tvshows
4.  drwxrwsrwx+  7  nobody users  4096  Feb 26 23:18 music
```



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

I think I have solved.

I used this command:

### Source Code



```
1. chown -R nobody 2014-02-27-17-img
```



**tekkbebe**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

It is best to have a backups folder on a one of your OMV's data disks. It makes it way easier to recover the system drive. Everything backed up for my system drive is root:root. I think the problem you are having is you backed up with the default user the desktop is using. Try making an image in command line with the console. Make sure you are root user: su - root password is usually "parted magic". You can start Clonezilla in command line with either "clonezilla" or "ocs-live".



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

Tested 5 minutes ago. I have executed clonezilla via SSH and not from the desktop with VNC.

Now the new save directory has root:root (to see that, logged with SSH to the OMV box, and with mc I have "navigated" to the save directory located in one of my data drives).

Yes, a lot simpler than the VNC connection. Thanks again! 🙌

p.s.: I have noted that in the clonezilla save directory there are several files.

the file "Info-saved-by-cmd.txt" contains this command:

### Source Code



```
1. /usr/sbin/ocs-sr -q2 -c -j2 -zlp -i 2000 -fsck-src-part -p choose savedisk 2014-02-28-19  
-img sdc
```

The next time I have to run clonezilla can i use this command (obviously changing the save file name...)?



**tekkbebe**

[Moderator]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

I wouldn't. Just let the program do it's thing. It works really well.



**Ortega**

[Intermediate]

## Re: Headless system disk backup with PartedMagic (CloneZilla)

Feb 28th 2014

Got it 🙄



**davidh2k**

[Moderator]

Aug 25th 2014

For anyone who is afraid of paying the five bucks for parted magic, here is the latest free iso:

[heise.de/download/parted-magic...f-1408919379-2692431.html](http://www.heise.de/download/parted-magic-f-1408919379-2692431.html)

(<http://www.heise.de/download/parted-magic-6988c6221b21aec8c250059d7973a8df-1408919379-2692431.html>)

Greetings

David



**KM0201**

[Moderator]

Aug 25th 2014



**davidh2k wrote:**

(<http://forums.openmediavault.org/index.php/Thread/3925-Headless-system-disk-backup-with-PartedMagic-CloneZilla/?postID=47977#post47977>)

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(<http://www.heise.de/download/parted-magic-6988c6221b21aec8c250059d7973a8df-1408919379-2692431.html>)

Greetings

David

There's also Gparted Live (not near as full featured as PartedMagic however...). Beyond that... you can always put an Ubuntu Live ISO on a flash drive.. and it would also work well (although it'll have a ton of unnecessary stuff)...



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