

Clonezilla - Opensource Clone System (OCS)

Clonezilla is free (GPL) software, and comes with ABSOLUTELY NO WARRANTY
///Hint! From now on, if multiple choices are available, you have to press space key to mark your selection. An asterisk (*) will be shown when the selection is done///
Two modes are available, you can
(1) clone/restore a disk or partition using an image
(2) disk to disk or partition to partition clone/restore.
Besides, Clonezilla lite server and client modes are also available. You can use them for massive deployment
Select mode:

- device-image work with disks or partitions using images
- device-device work directly from a disk or partition to a disk or partition
- remote-source Enter source mode of remote device cloning
- remote-dest Enter destination mode of remote device cloning
- lite-server Enter Clonezilla_live_lite_server
- lite-client Enter Clonezilla_live_lite_client

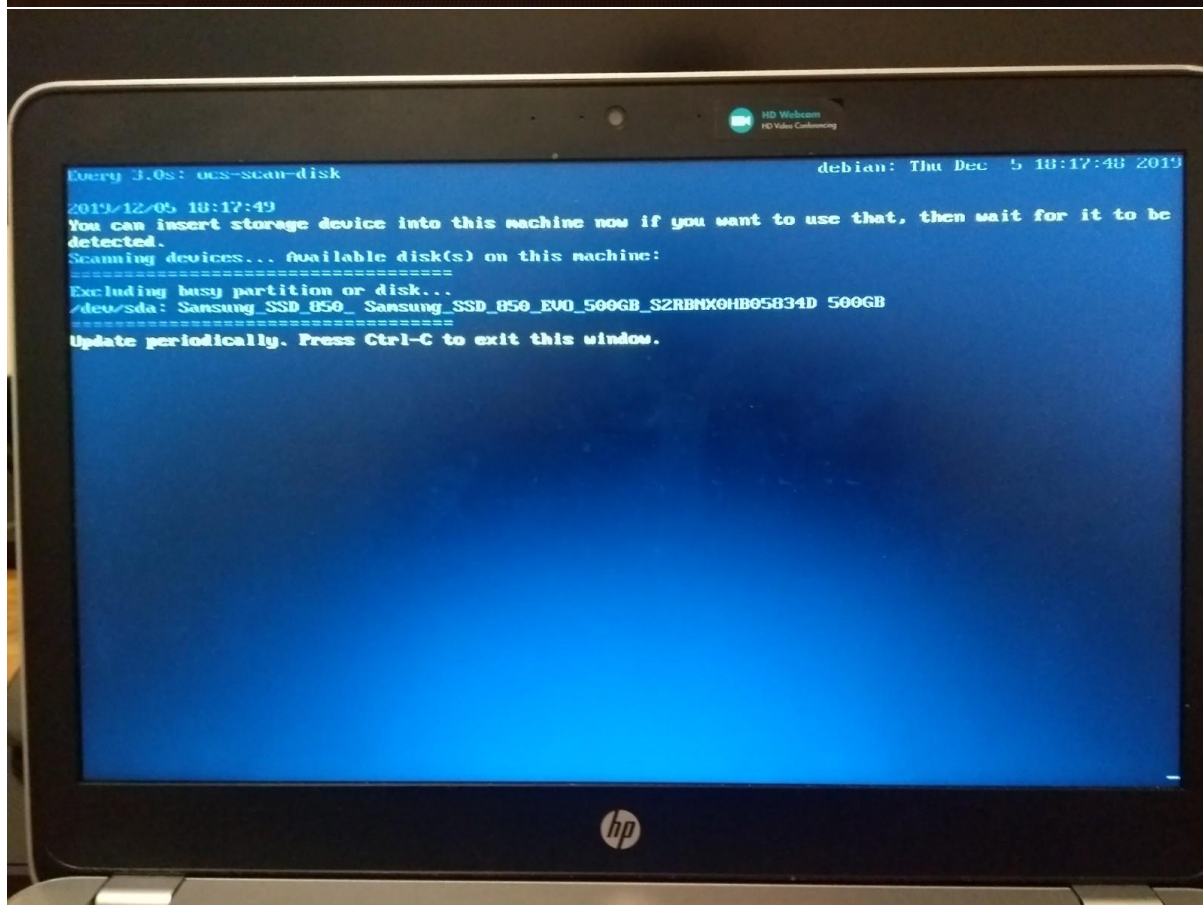
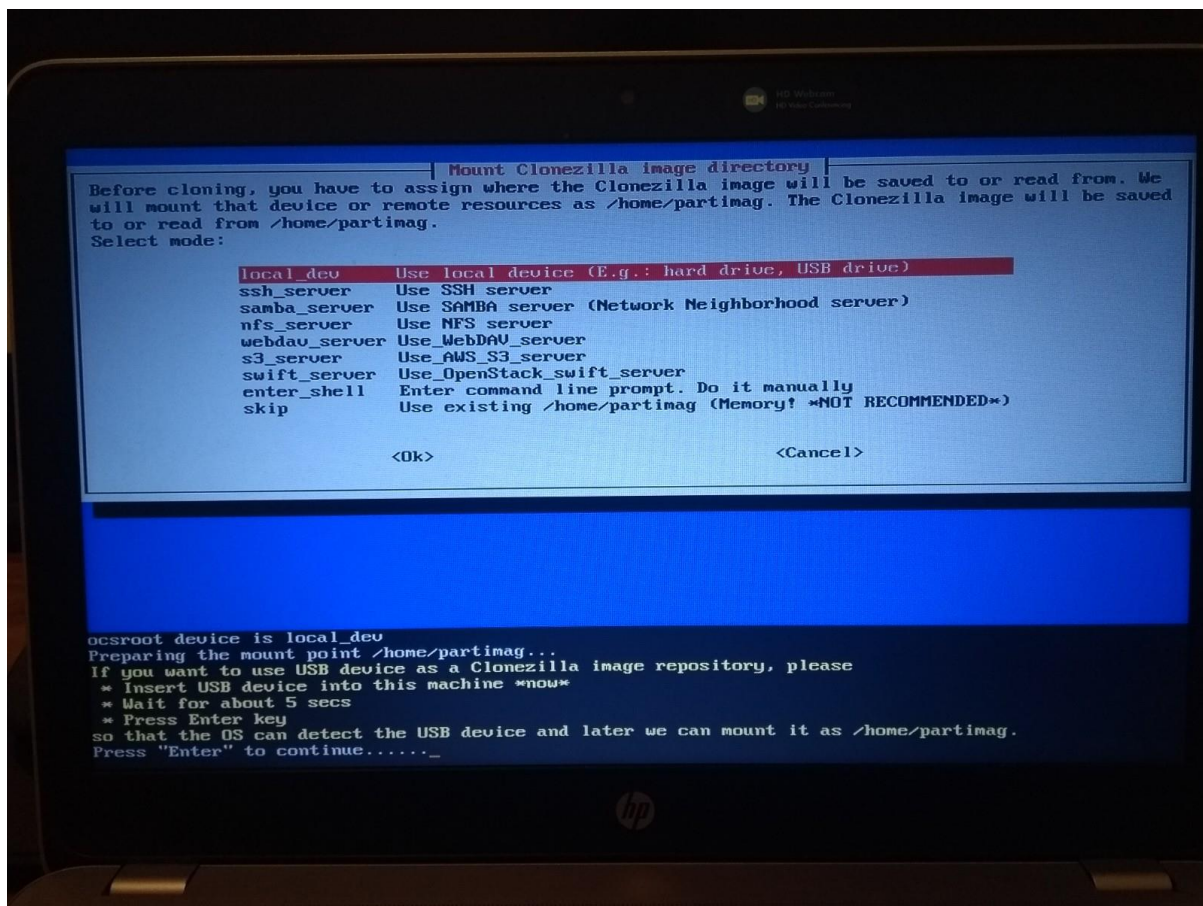
<Ok> <Cancel>

Mount Clonezilla image directory

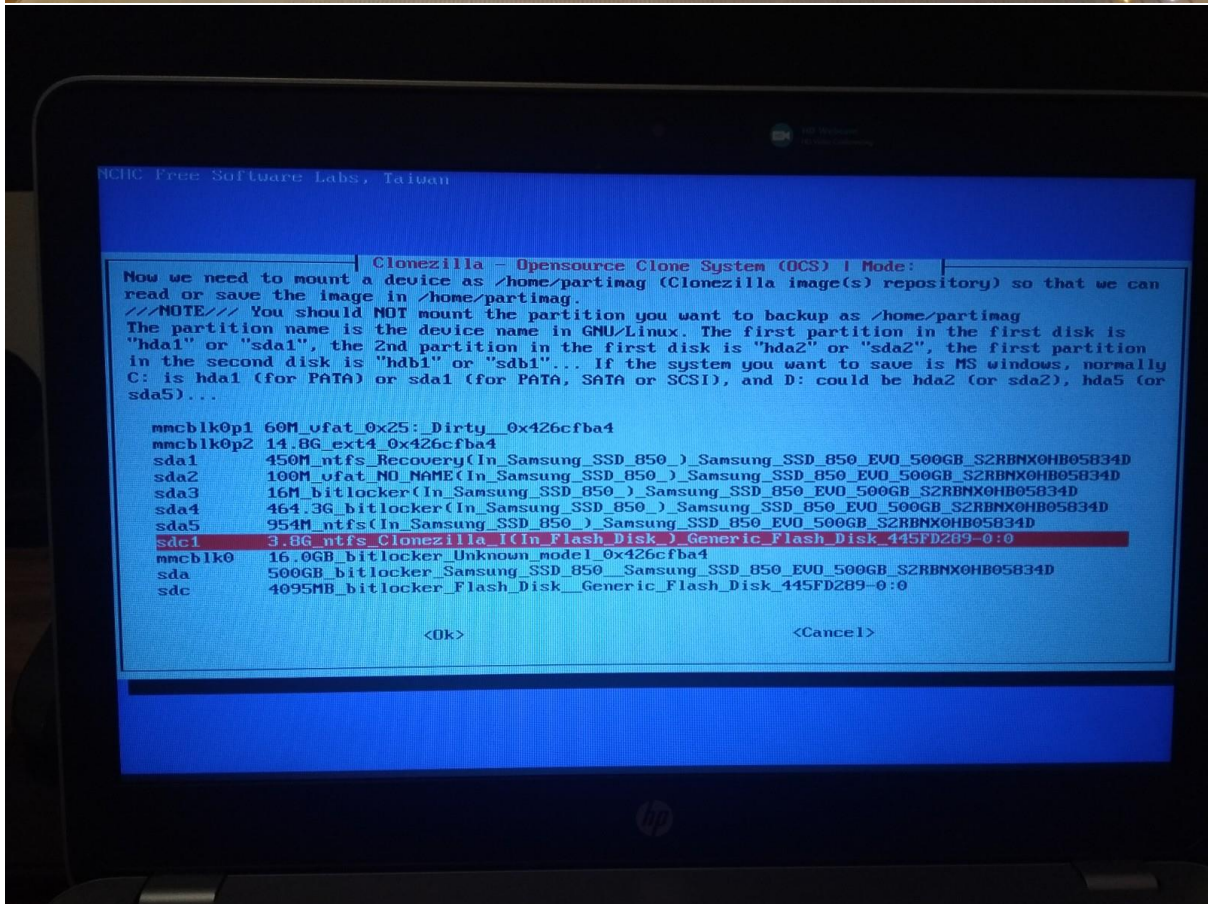
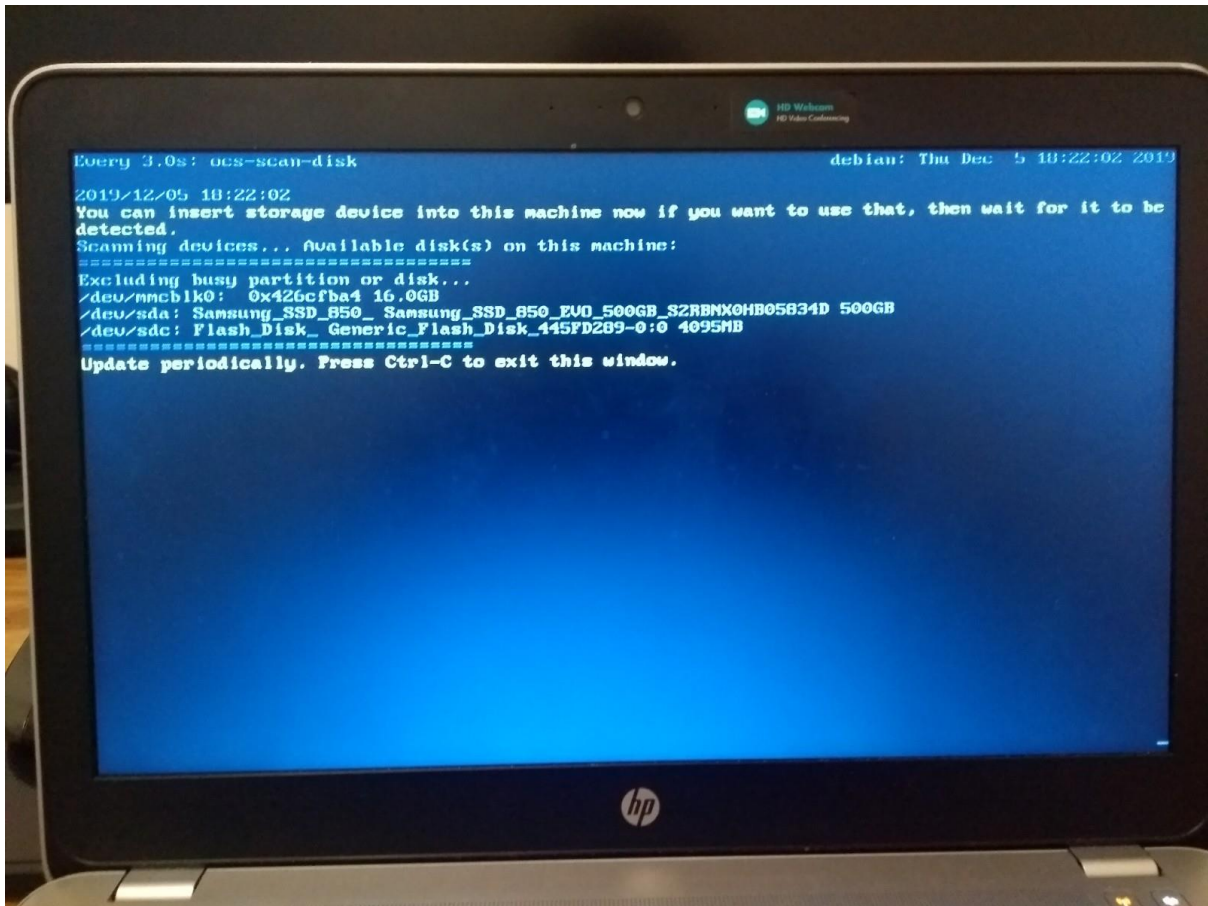
Before cloning, you have to assign where the Clonezilla image will be saved to or read from. We will mount that device or remote resources as /home/partimag. The Clonezilla image will be saved to or read from /home/partimag.
Select mode:

- local_dev Use local device (E.g.: hard drive, USB drive)
- ssh_server Use SSH server
- samba_server Use SAMBA server (Network Neighborhood server)
- nfs_server Use NFS server
- webdav_server Use WebDAV server
- s3_server Use AWS S3 server
- swift_server Use OpenStack swift server
- enter_shell Enter command line prompt. Do it manually
- skip Use existing /home/partimag (Memory! *NOT RECOMMENDED*)

<Ok> <Cancel>



PLUG IN THE SD CARD AND THE 2ND USB STICK/EXTERNAL DRIVE AND WAIT FOR THEM TO SHOW UP



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Directory Browser for Clonezilla image repository
Which directory is for the Clonezilla image repository? (If there is a space in the directory name, it will NOT be shown)
When the "Current selected dir name" is what you want, use "Tab" key to choose "Done"
//NOTE// You should not choose the directory tagged with CZ_IMG. They are just for you to know the images list in the current dir.
Path on the resource: /dev/sdc1/1
Current selected dir name: "/"

RasPiMon Dec 5 CZ_IMG
<ABORT> Exit_directory_browsing

<Browse>

<Done>

Directory Browser for Clonezilla image repository
Which directory is for the Clonezilla image repository? (If there is a space in the directory name, it will NOT be shown)
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Path on the resource: /dev/sdc1/1
Current selected dir name: "/"

RasPiMon Dec 5 CZ_IMG
<ABORT> Exit_directory_browsing

<Browse>

<Done>

Running: mount --bind -o noatime,nodiratime /tmp/ocsroot_bind_root /home/partimag
The file system disk space usage:

SOURCE	FSTYPE	SIZE	USED	AVAIL	USE%	TARGET
/dev/sdc1	fuseblk	3.8G	2.1G	1.7G	56%	/home/partimag

Press "Enter" to continue....._

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Clonezilla - Opensource Clone System (OCS)
Choose the mode to run the following wizard about advanced parameters:

Beginner Beginner mode: Accept the default options
Expert Expert mode: Choose your own options
Exit Exit. Enter command line prompt

<Ok>

<Cancel>

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Clonezilla - Opensource Clone System (OCS): Select mode
Clonezilla is free (GPL) software, and comes with ABSOLUTELY NO WARRANTY
This software will overwrite the data on your hard drive when restoring! It is recommended to
backup important files before restoring!***
///Hint! From now on, if multiple choices are available, you have to press space key to mark
your selection. An asterisk (*) will be shown when the selection is done///

savedisk	Save_local_disk_as_an_image
saveparts	Save_local_partitions_as_an_image
restoredisk	Restore_an_image_to_local_disk
restoreparts	Restore_an_image_to_local_partitions
1-2-disks	Restore_an_image_to_multiple_local_disks
recovery-iso-zip	Create_recovery_Clonezilla_live
chk-img-restorable	Check_the_image_restorable_or_not
cut-img-compression	Convert_image_compression_format_as_another_image
encrypt-img	Encrypt_an_existing_unencrypted_image
decrypt-img	Decrypt_an_existing_encrypted_image
exit	Exit. Enter command line prompt

<Ok>

<Cancel>

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Clonezilla - Opensource Clone System (OCS) | Mode: restoredisk
Choose the image file to restore:

RasPiMon 2015-0812-1526_mmcblk0_7948MB

<Ok>

<Cancel>

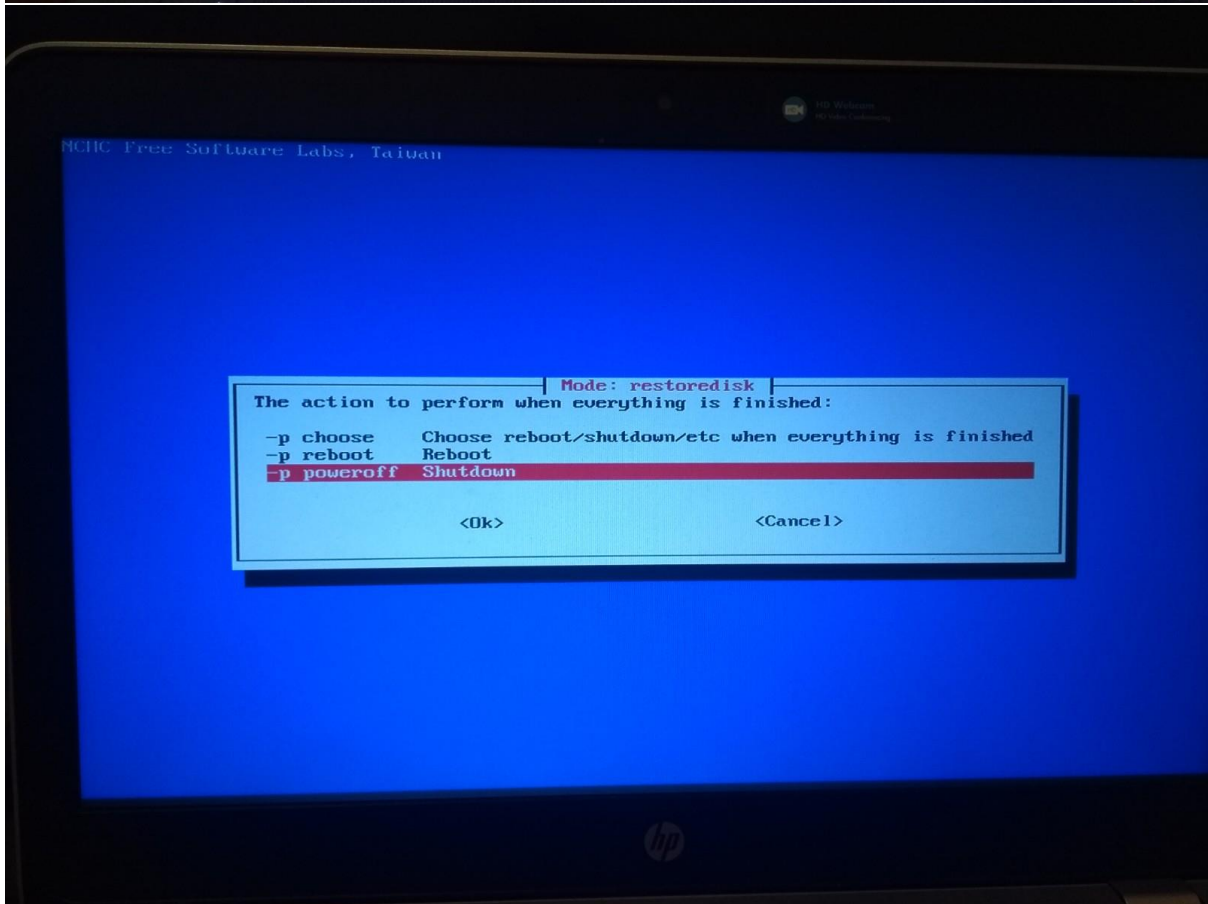
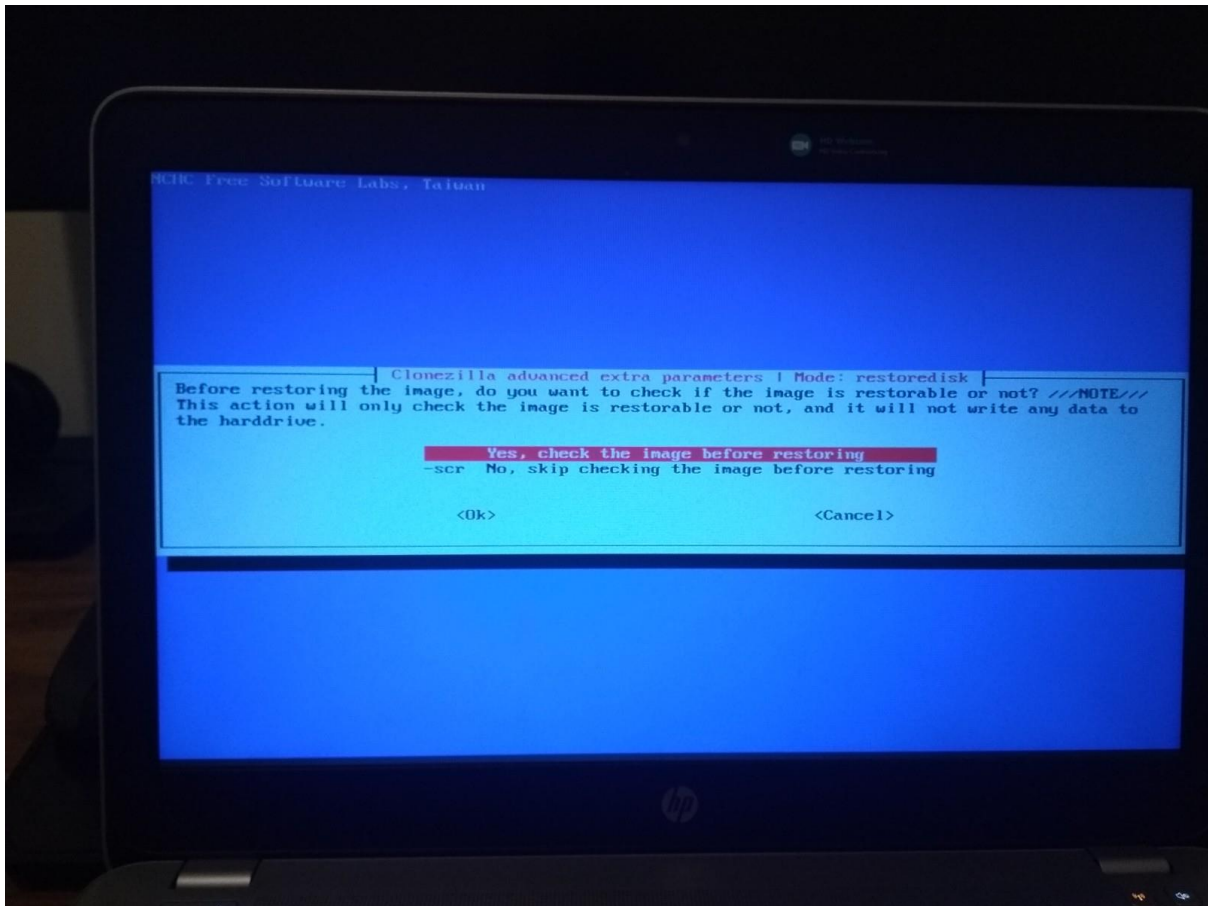
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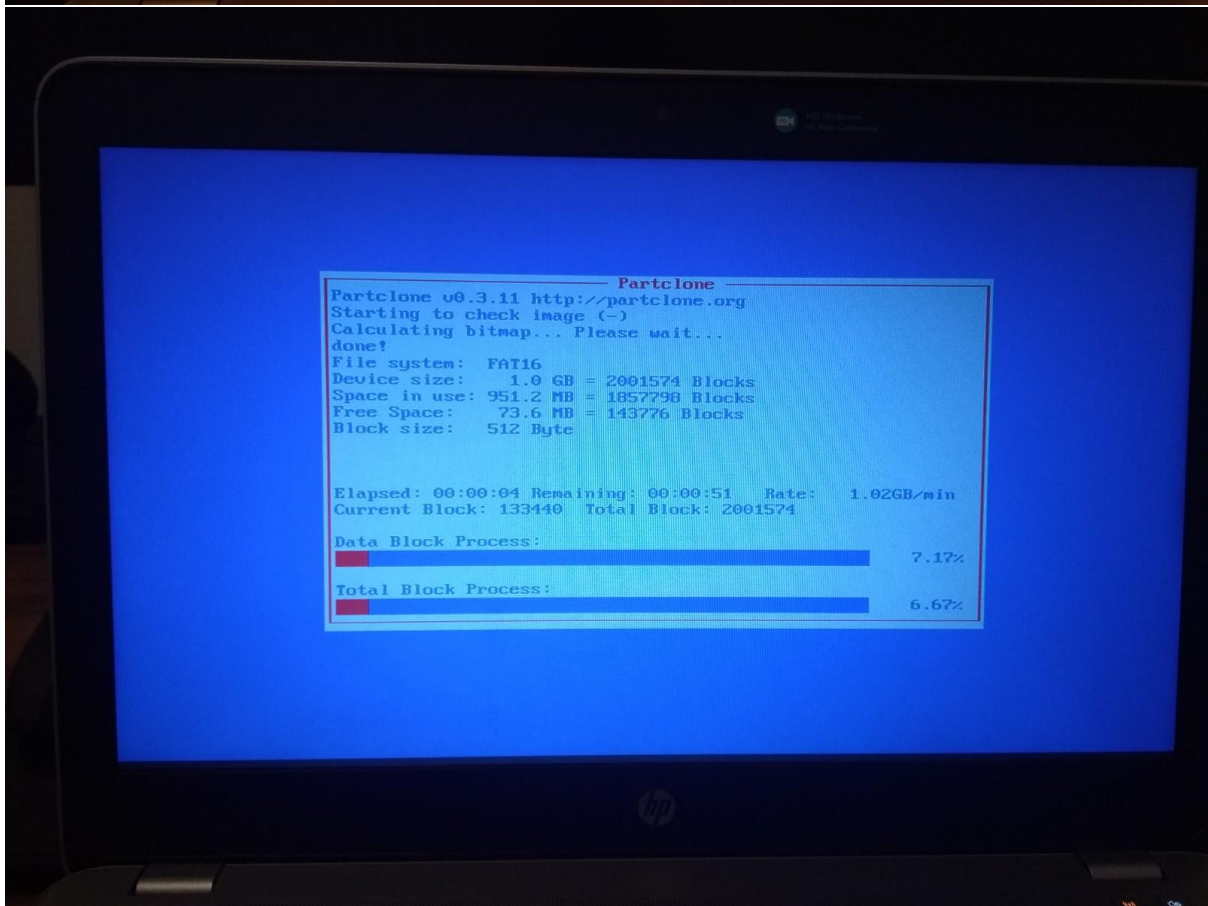
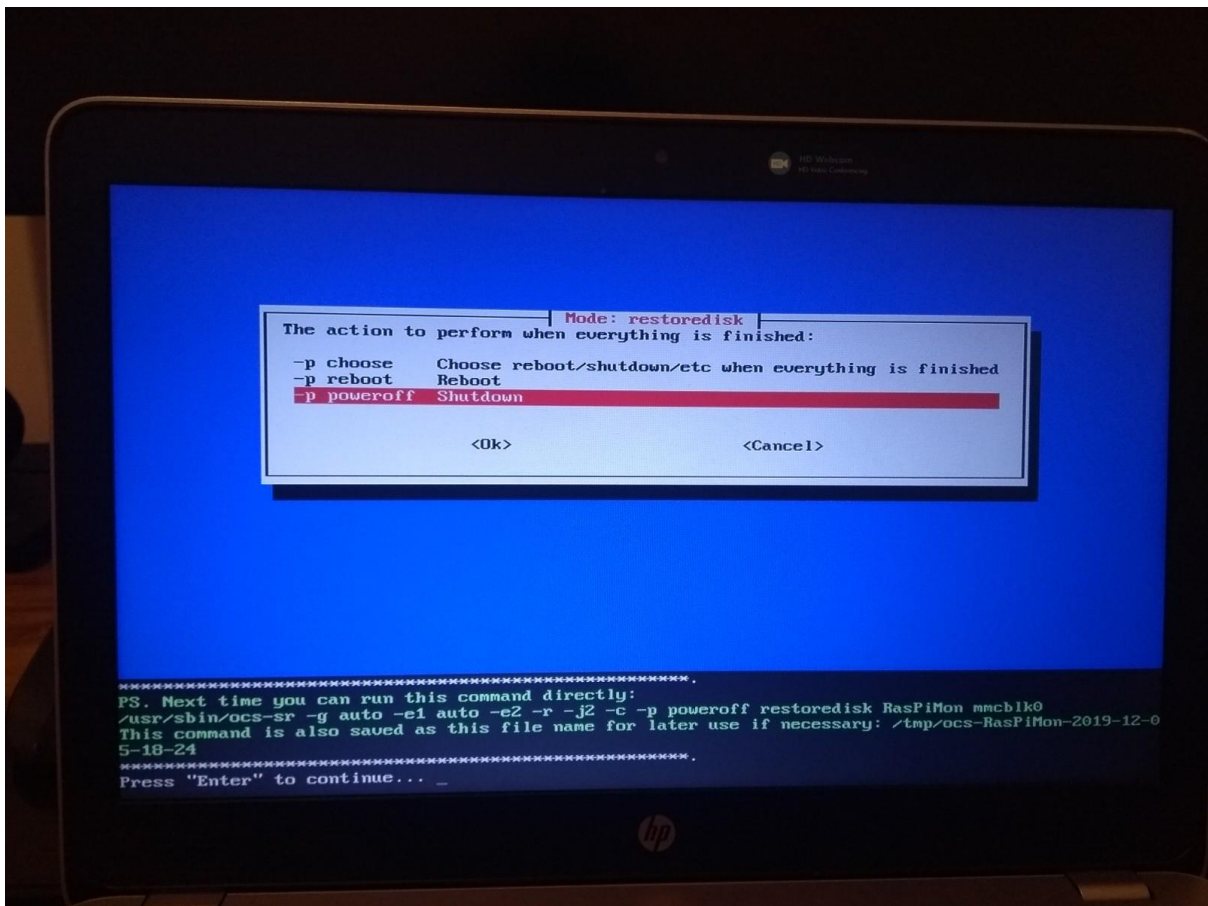
Clonezilla - Opensource Clone System (OCS) | Mode: restoredisk
Choose the target disk(s) to be overwritten (ALL DATA ON THE ENTIRE DISK WILL BE LOST AND REPLACED!!)
The disk name is the device name in GNU/Linux. The first disk in the system is "hda" or "sda", the 2nd disk is "hdb" or "sdb"... Press space key to mark your selection. An asterisk (*) will be shown when the selection is done

mmcblk0 16.0GB_bitlocker_Unknown_model_0x426cfba4
sda 500GB_bitlocker_Samsung_SSD_850__Samsung_SSD_850_EVO_500GB_S2RBNX0HB05834D

<Ok>

<Cancel>





```
Checked successfully.
The image of this partition is restorable: mmcblk0p6
*****
All the images of partition or LV devices in this image were checked and they are restorable: RasPiM
on
Summary of image checking:
*****
Partition table file for disk was found: mmcblk0
MBR file for this disk was found: mmcblk0
The image of this partition is restorable: mmcblk0p1
The image of this partition is restorable: mmcblk0p3
The image of this partition is restorable: mmcblk0p5
The image of this partition is restorable: mmcblk0p6
All the images of partition or LV devices in this image were checked and they are restorable: RasPiM
on
*****
Activating the partition info in /proc... done!
*****
The following step is to restore an image to the hard disk/partition(s) on this machine: "/home/part
imag/RasPiMon" -> "mmcblk0 mmcblk0p1 mmcblk0p3 mmcblk0p5 mmcblk0p6"
The image was created at: 2015-0812-1526
WARNING!!! WARNING!!! WARNING!!!
WARNING, THE EXISTING DATA IN THIS HARDDISK/PARTITION(S) WILL BE OVERWRITTEN! ALL EXISTING DATA WILL
BE LOST!
*****
Machine: HP ProBook 440 G4
mmcblk0 (16.0GB_bitlocker_Unknown_model_0x426cfba4)
*****
Are you sure you want to continue? (y/n) y
```

```
Partition table file for disk was found: mmcblk0
MBR file for this disk was found: mmcblk0
The image of this partition is restorable: mmcblk0p1
The image of this partition is restorable: mmcblk0p3
The image of this partition is restorable: mmcblk0p5
The image of this partition is restorable: mmcblk0p6
All the images of partition or LV devices in this image were checked and they are restorable: RasPiM
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Activating the partition info in /proc... done!
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WARNING, THE EXISTING DATA IN THIS HARDDISK/PARTITION(S) WILL BE OVERWRITTEN! ALL EXISTING DATA WILL
BE LOST!
*****
Machine: HP ProBook 440 G4
mmcblk0 (16.0GB_bitlocker_Unknown_model_0x426cfba4)
*****
Are you sure you want to continue? (y/n) y
OK, let's do it!!
This program is not started by clonezilla server.
*****
Let me ask you again.
The following step is to restore an image to the hard disk/partition(s) on this machine: "/home/part
imag/RasPiMon" -> "mmcblk0 mmcblk0p1 mmcblk0p3 mmcblk0p5 mmcblk0p6"
The image was created at: 2015-0812-1526
WARNING!!! WARNING!!! WARNING!!!
WARNING, THE EXISTING DATA IN THIS HARDDISK/PARTITION(S) WILL BE OVERWRITTEN! ALL EXISTING DATA WILL
BE LOST!
*****
Machine: HP ProBook 440 G4
mmcblk0 (16.0GB_bitlocker_Unknown_model_0x426cfba4)
*****
Are you sure you want to continue? (y/n) y
```

