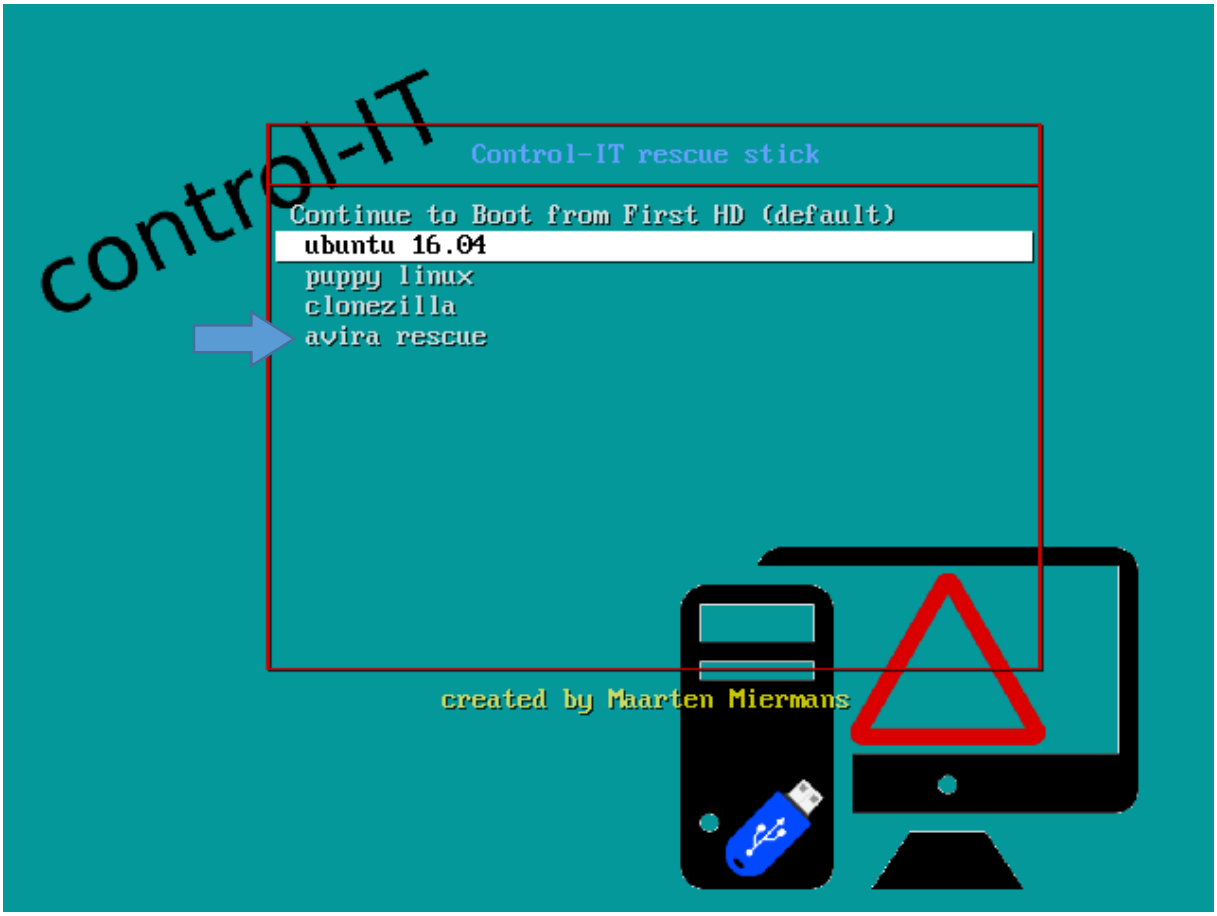
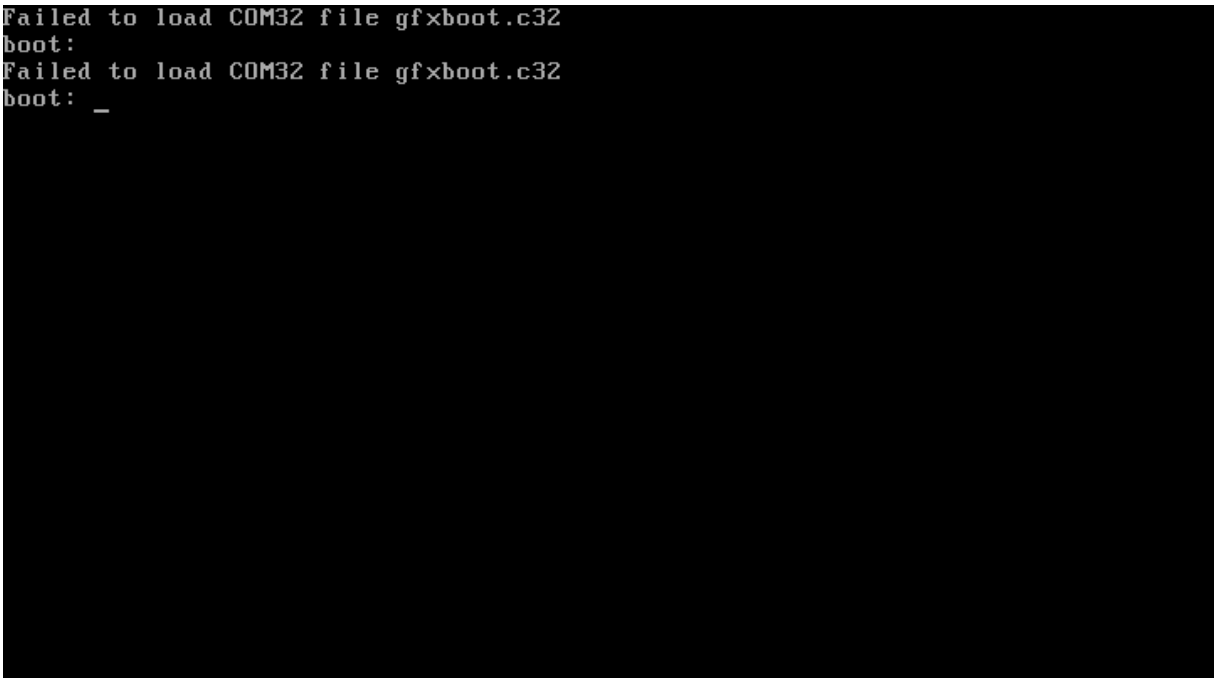
Avira rescue:

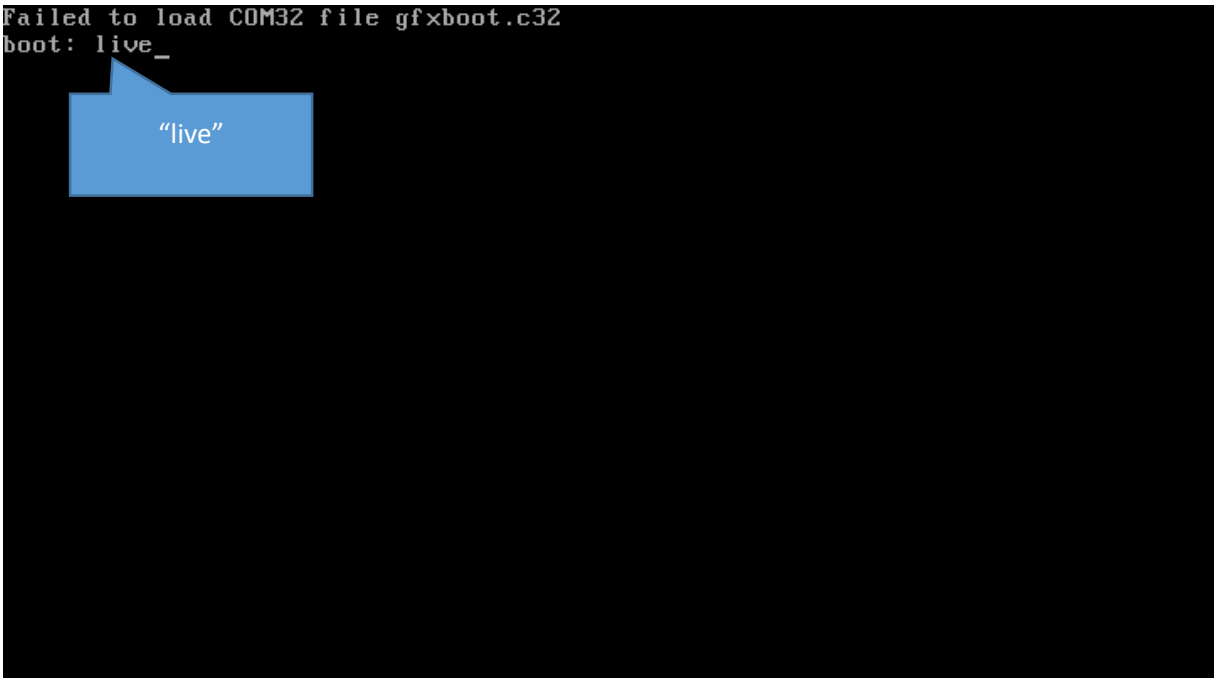
Deze handleiding legt uit hoe je Avira rescue moet gebruiken. Hiermee kan je je computer op virussen scannen.

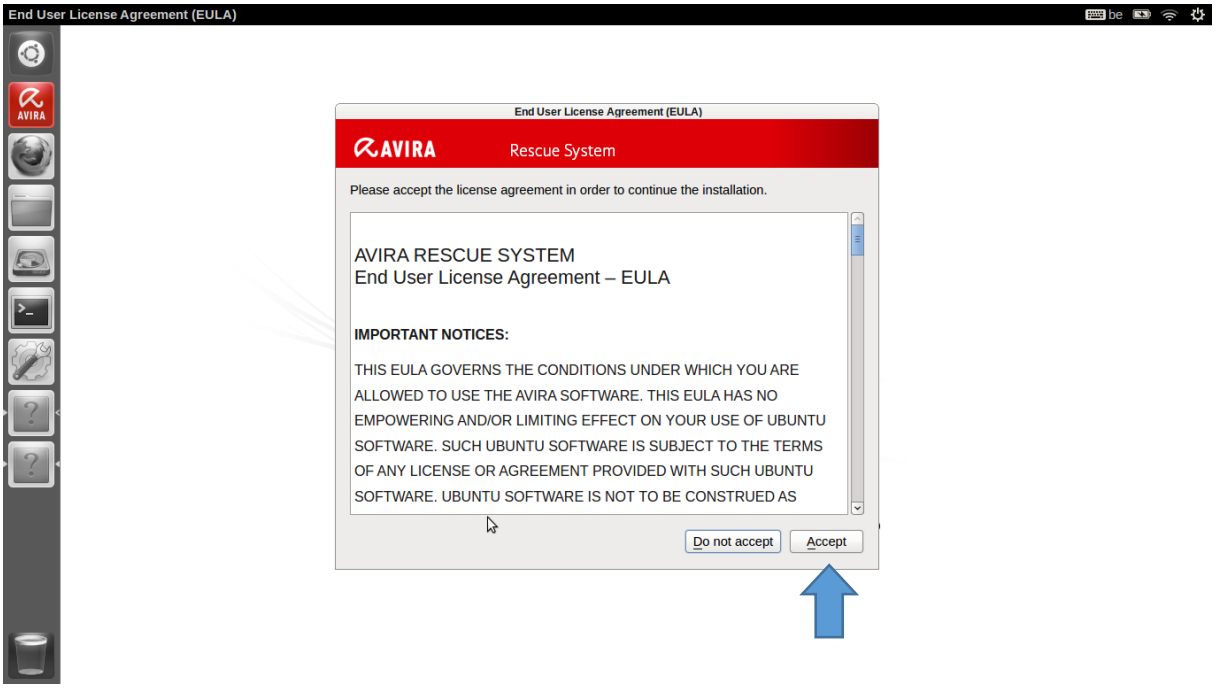


Om Avira rescue op te starten gebruik je de pijltjestoetsen en selecteer je “avira rescue”.



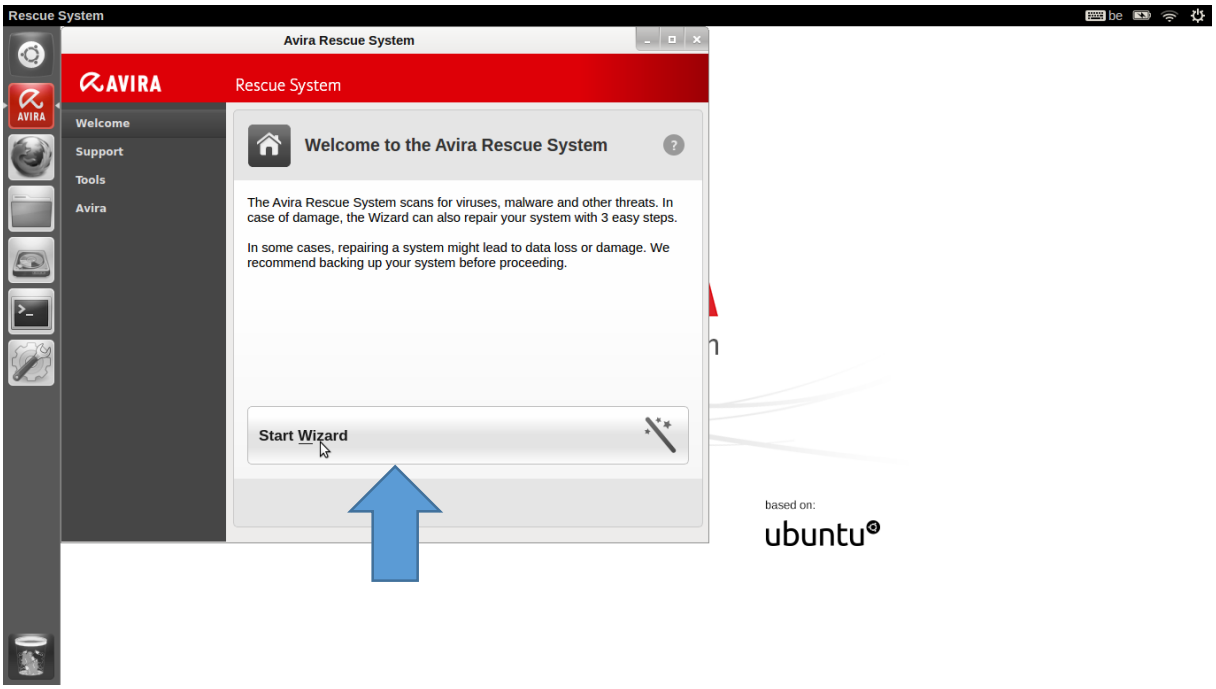
Om Avira rescue op te starten moet je “live” intypen. Deze melding blijft zich herhalen en Avira start niet op.



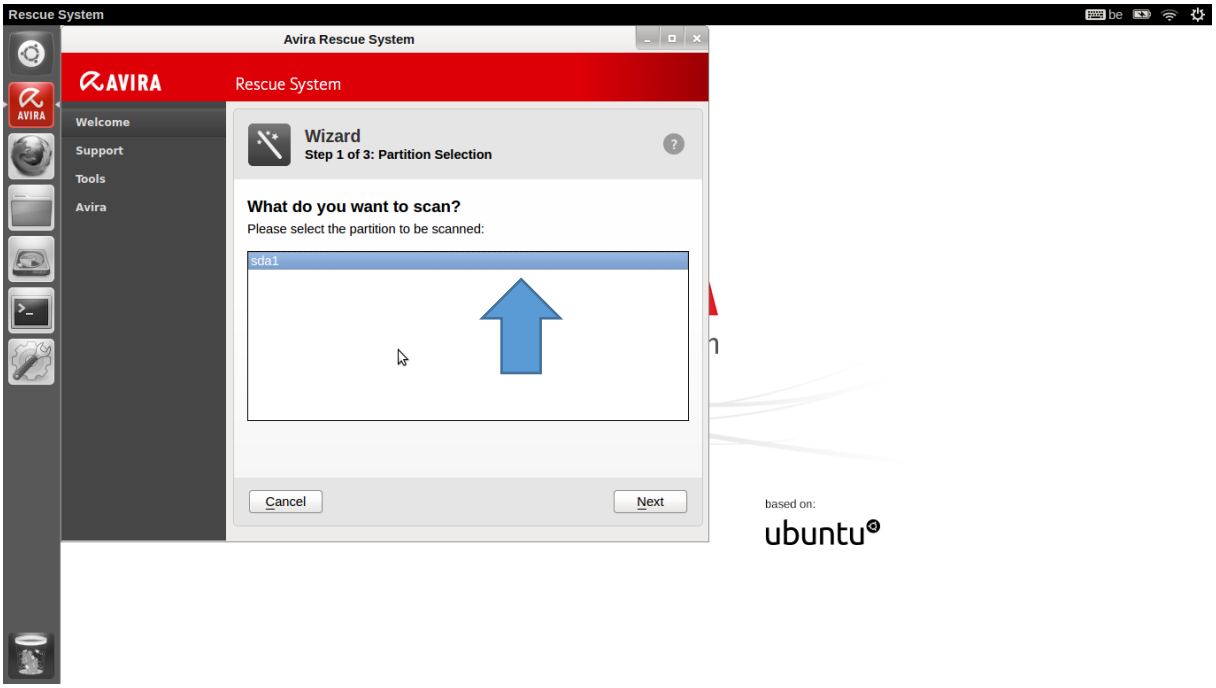


Om Avira te gebruiken moet je de End User Livense Agreement accepteren.

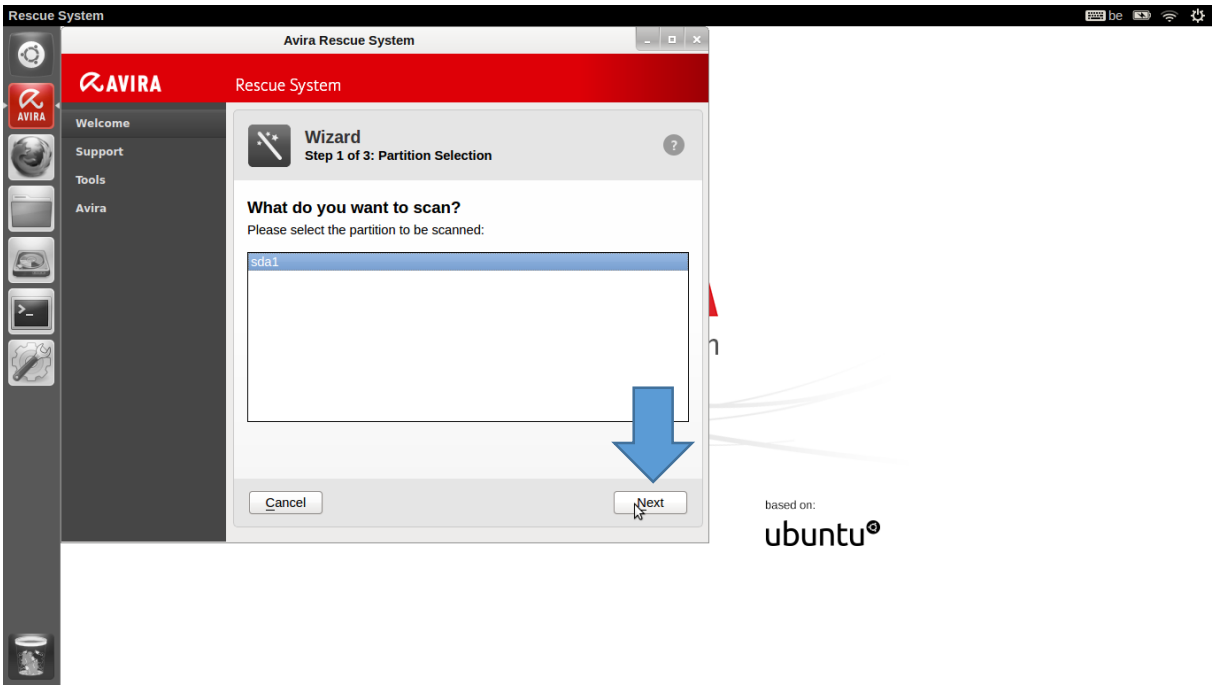
De virusscanner start je door op het rode icoontje te klikken.



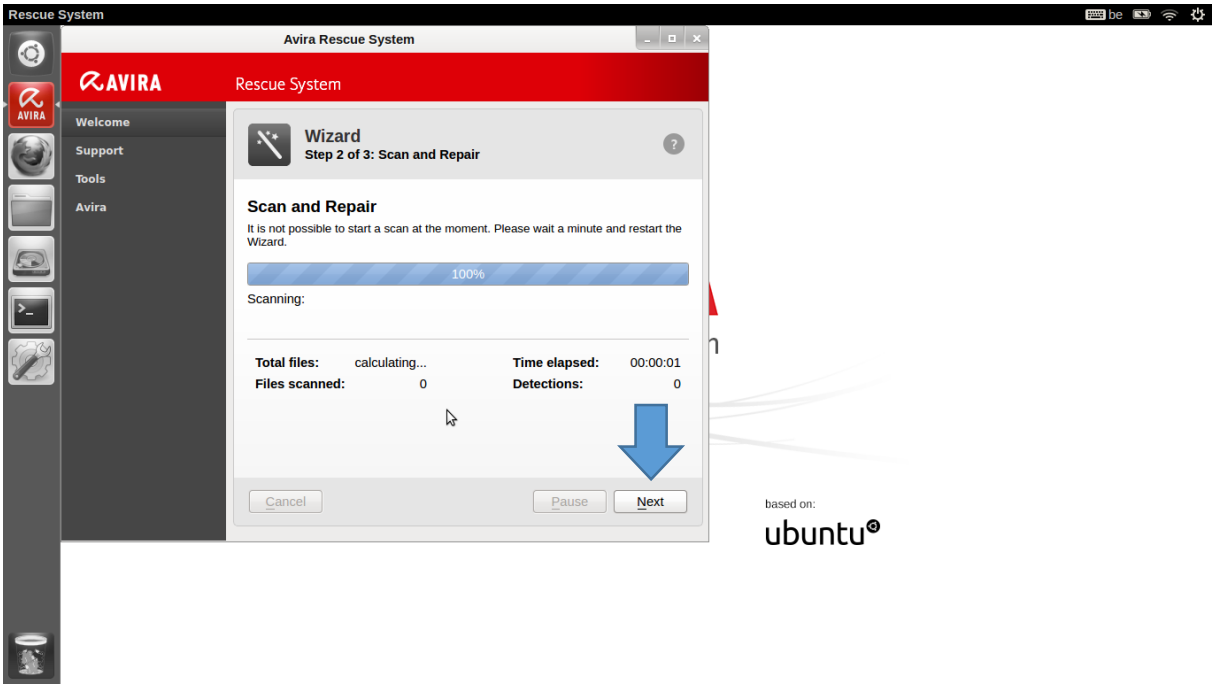
Vervolgens druk je op “Start Wizard”.



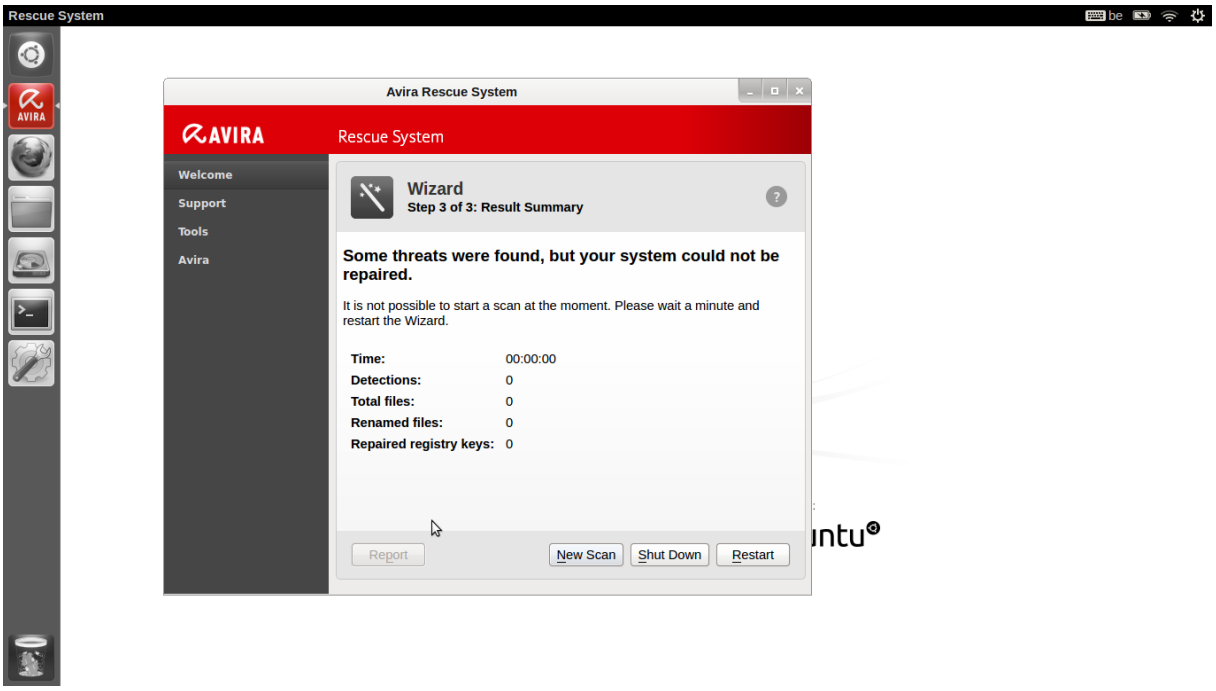
Vervolgens selecteer je de juiste schijf. De naam van de schijf kan “sda1, sda2, sdb1, sdb2…” zijn. De namen zijn niet zoals bij windows (schijf C). De interne schijf is meestal sda1, een tweede schijf is sda2 enz.



Na het selecteren van de schijf druk je op “Next”. De scan start nu.

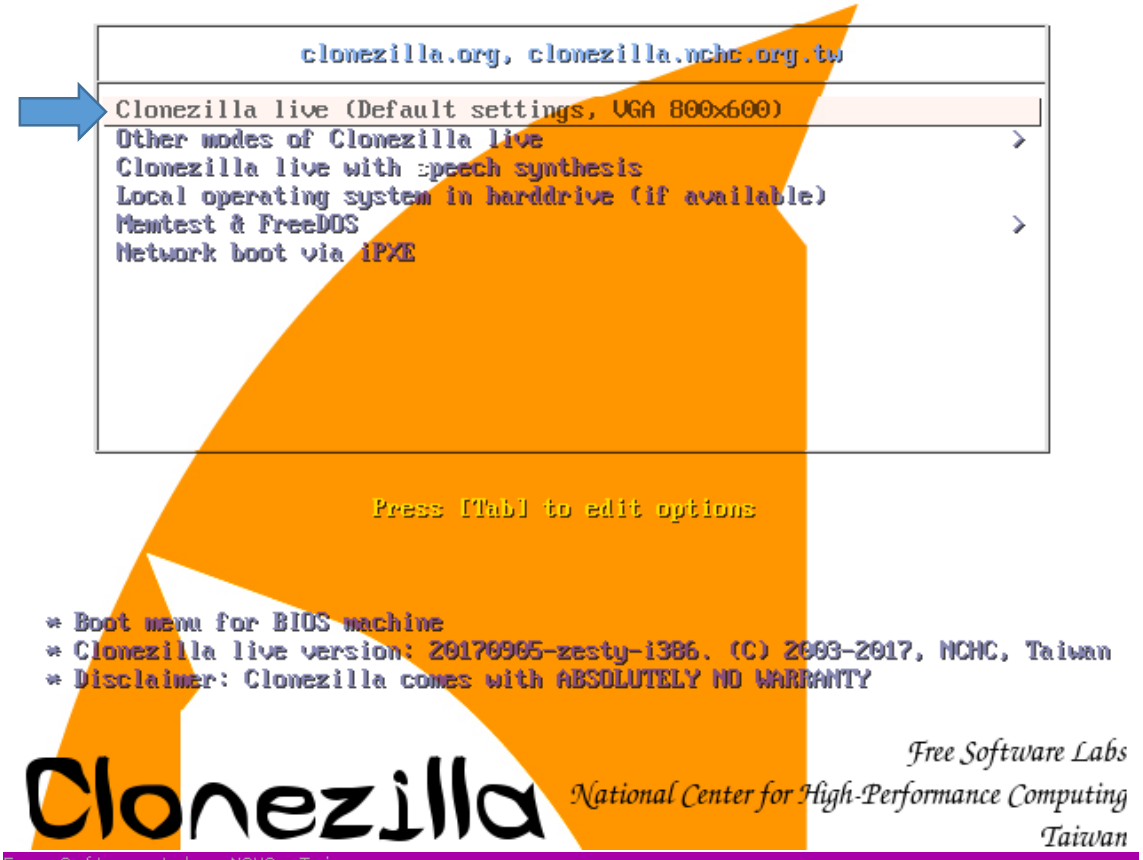


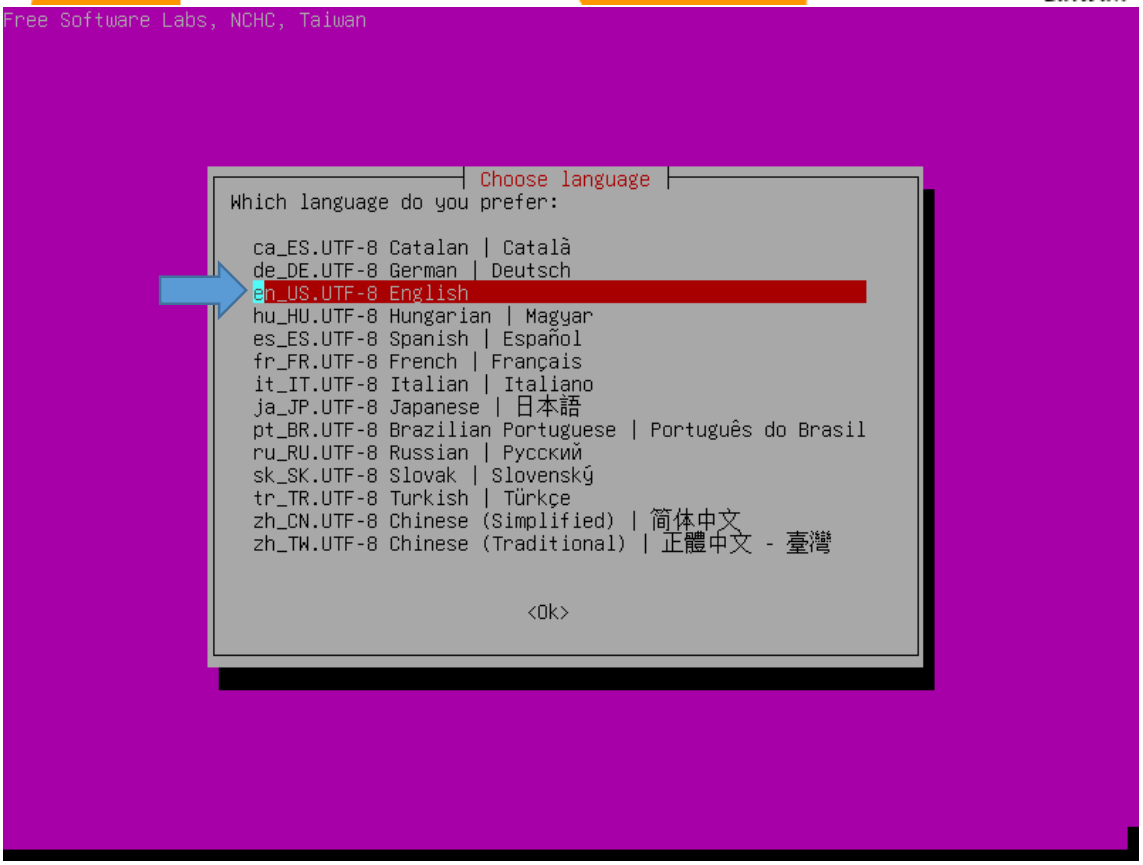
Op het einde van de scan druk je op “Next”. Nu komt een overzicht met de gevonden en verwijderde virussen.

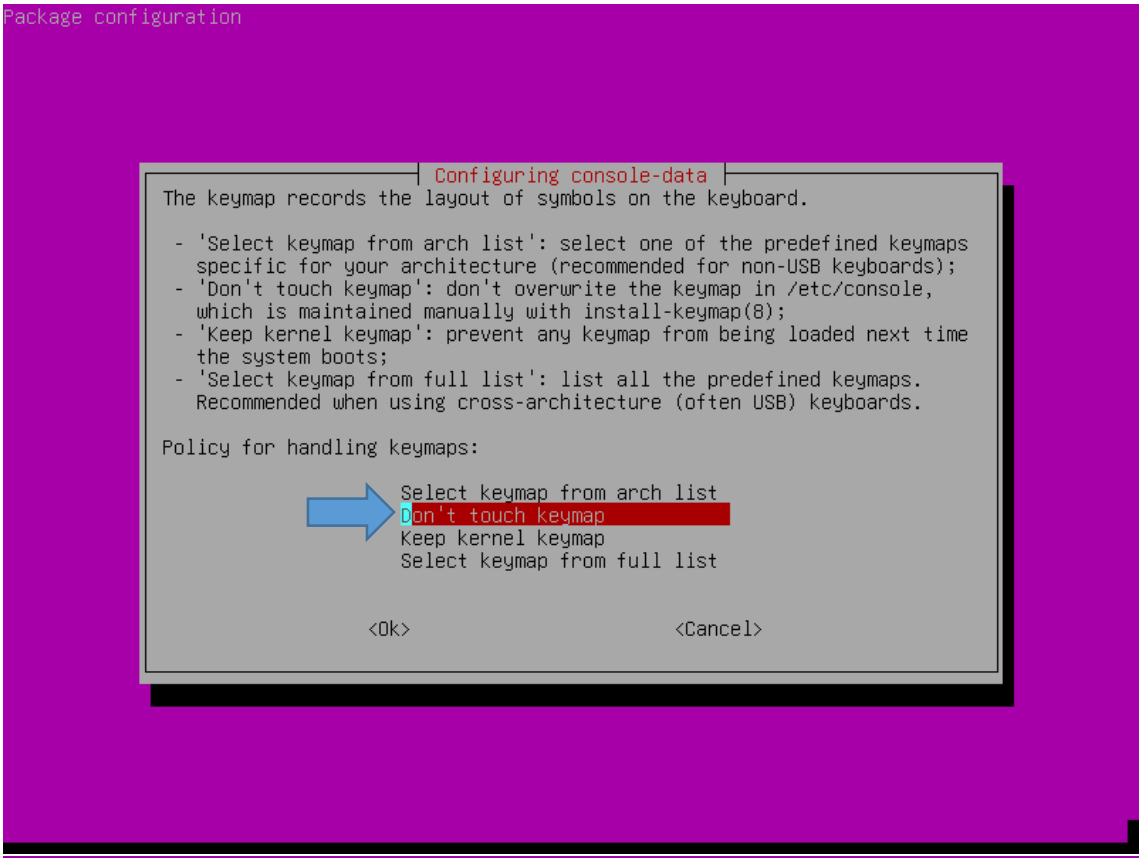


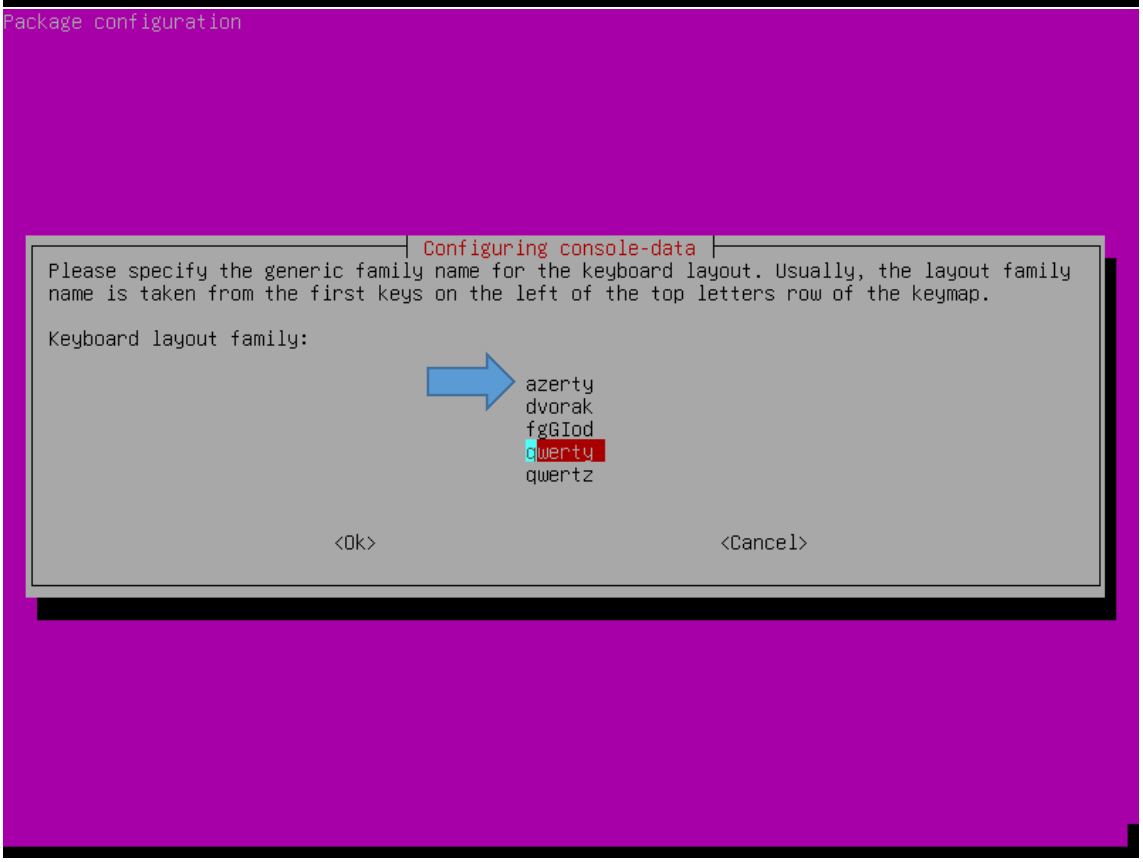
Clonezilla:

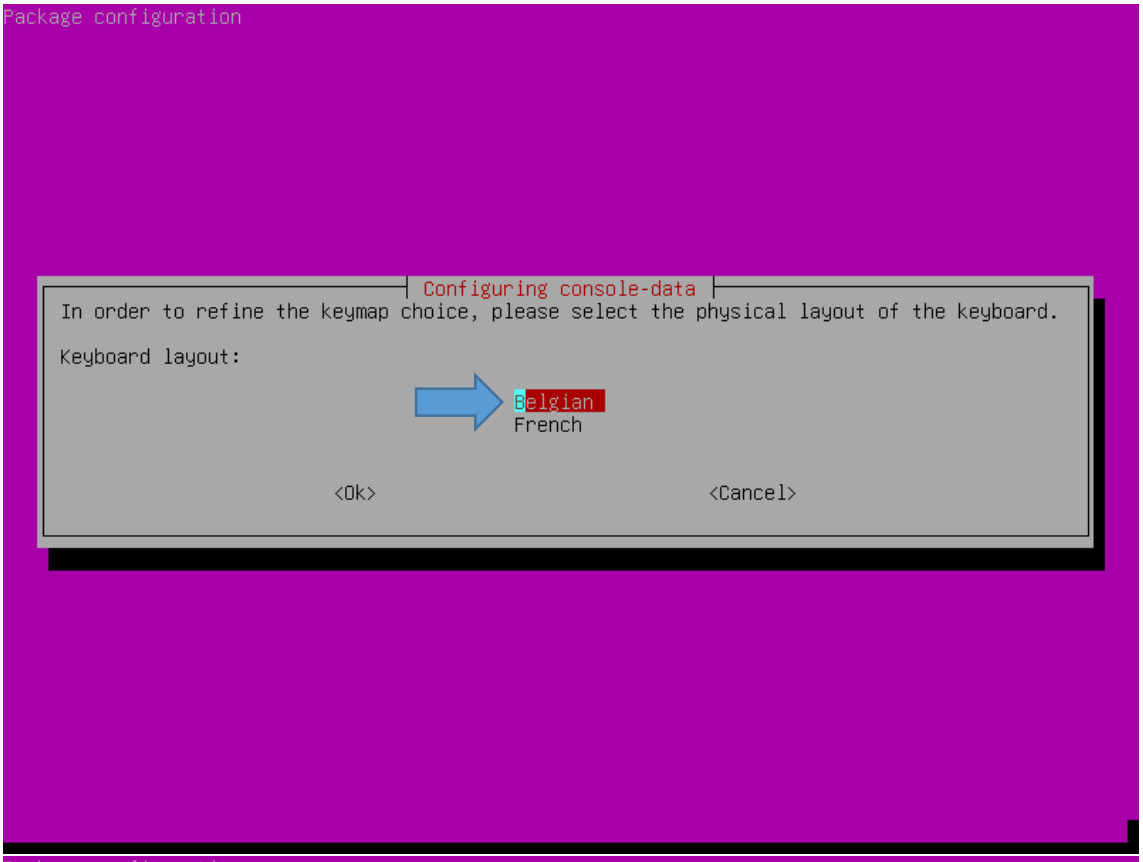
Deze handleiding laat stap voor stap zien hoe je een backup maakt met clonezilla. Het is een lang proces.

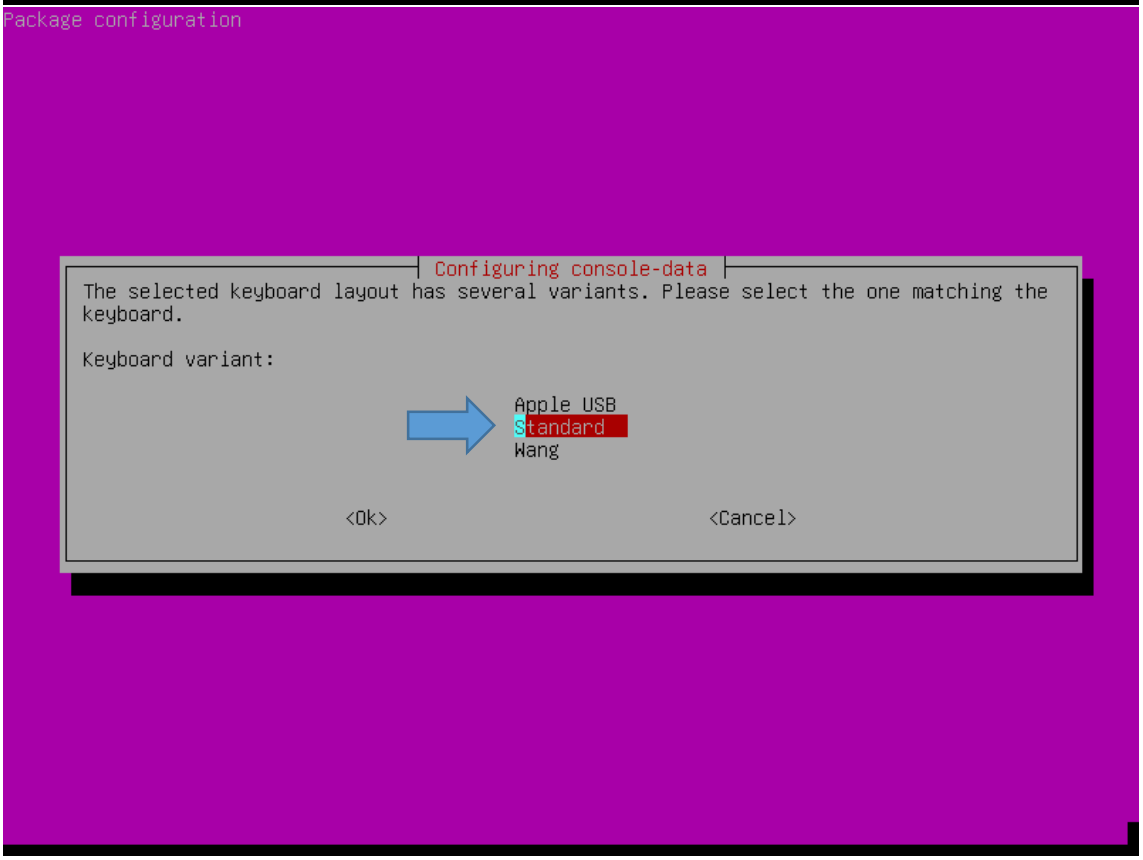


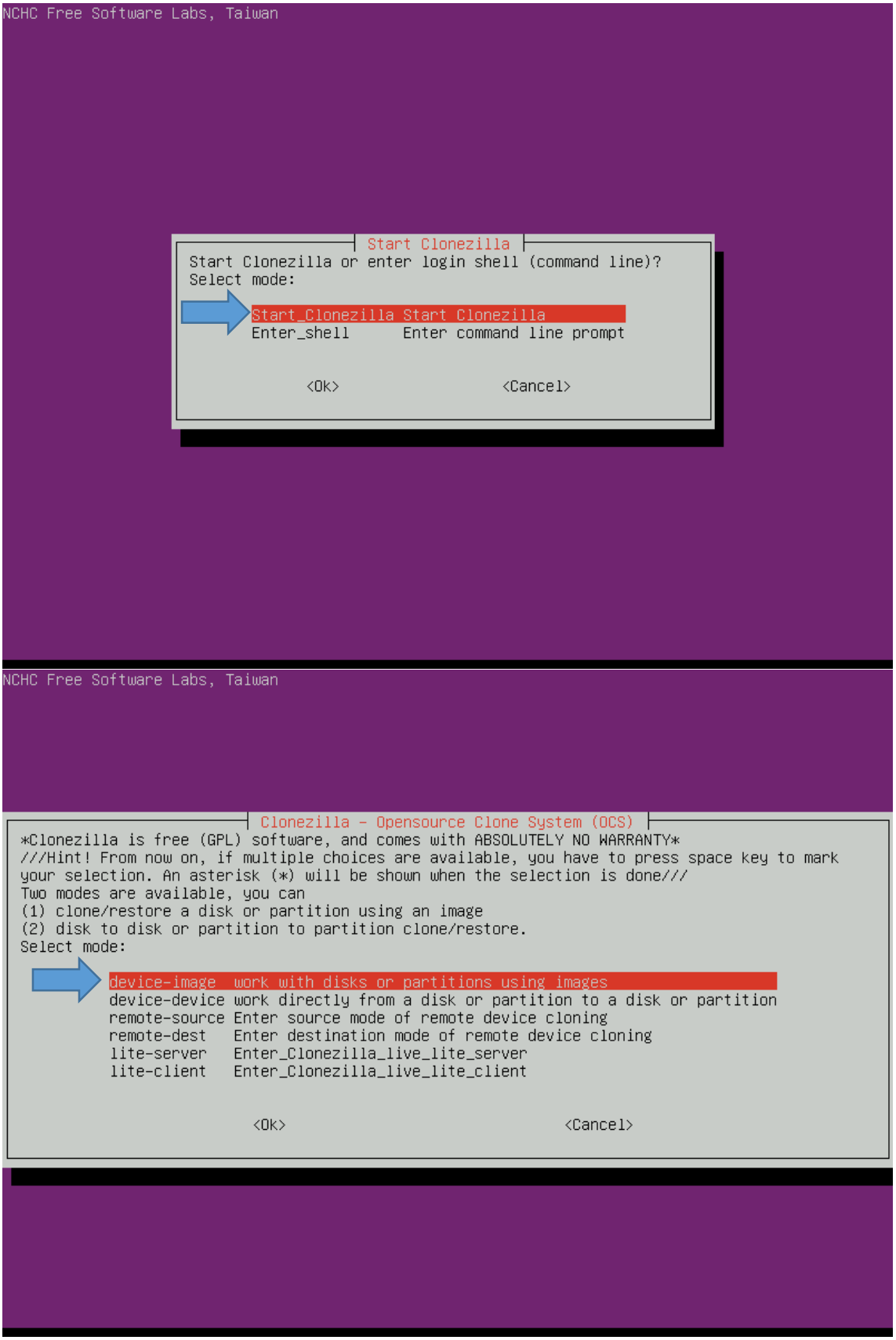


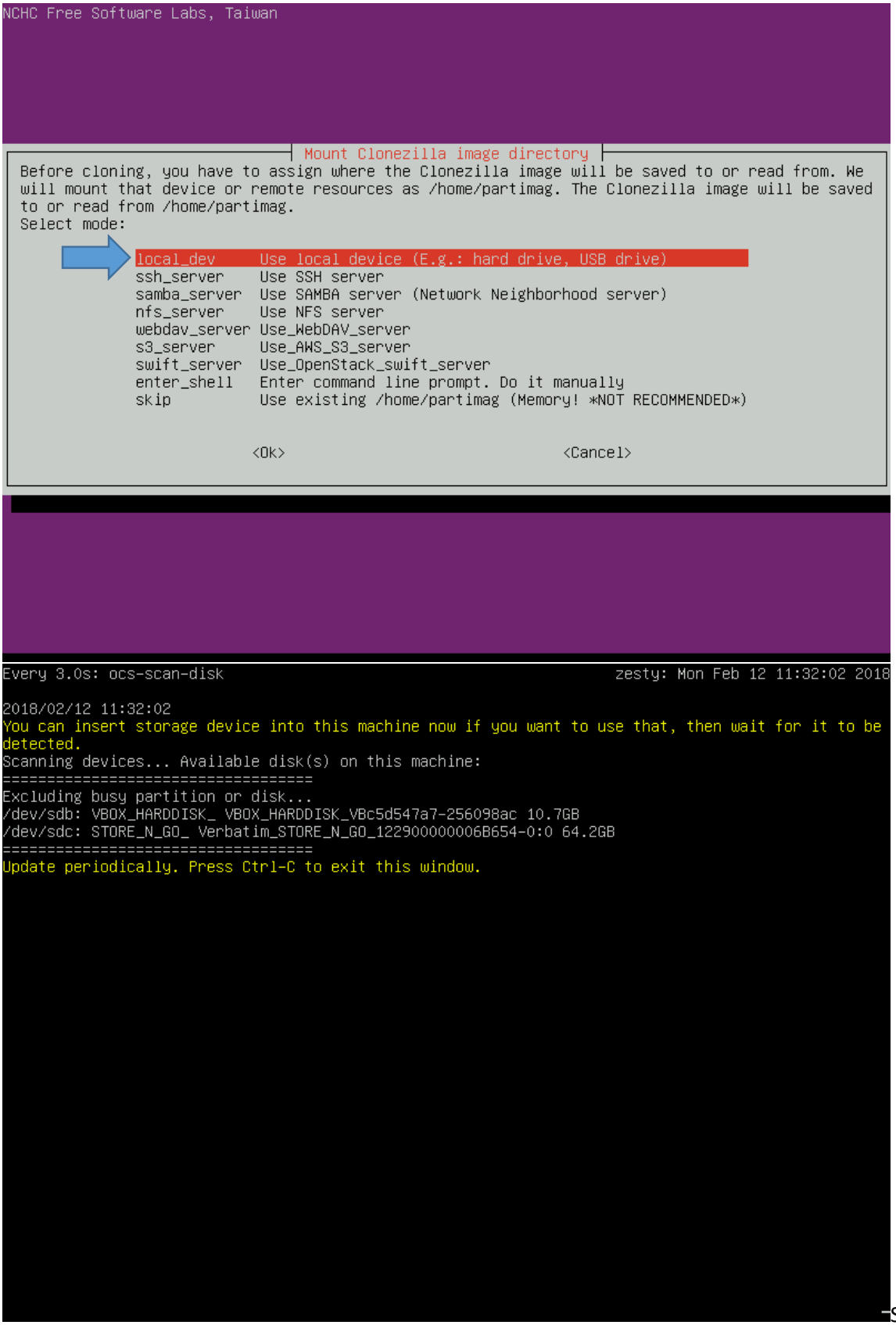

Package configuration
Configuring console-data
The keymap records the layout of symbols on the keyboard.
- 'Select keymap from arch list': select one of the predefined keymaps
specific for your architecture (recommended for non-USB keyboards);
- 'Don't touch keymap': don't overwrite the keymap in /etc/console,
which is maintained manually with install-keymap(8);
- 'Keep kernel keymap': prevent any keymap from being loaded next time
the system boots;
- 'Select keymap from full list': list all the predefined keymaps.
Recommended when using cross-architecture (often USB) keyboards.
Policy for handling keymaps:
Select keymap from arch list
Don't touch keymap
Keep kernel keymap
Select keymap from full list
<Ok>
<Cancel>


Package configuration
Configuring console-data
Please specify the generic family name for the keyboard layout. Usually, the layout family
name is taken from the first keys on the left of the top letters row of the keymap.
Keyboard layout family:
azerty
dvorak
fgGIod
qwerty
qwertz
<Ok>
<Cancel>

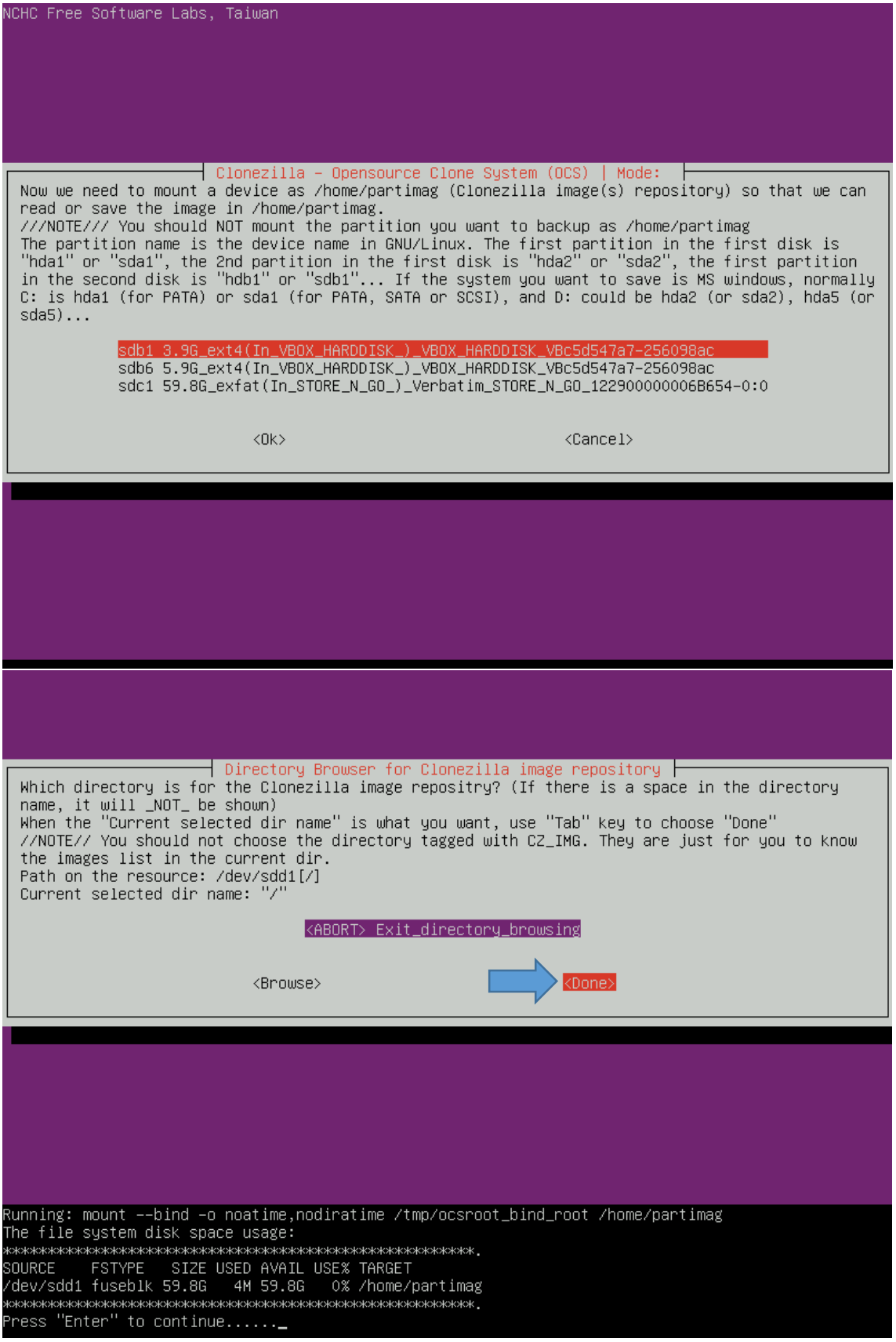

Package configuration
Configuring console-data
In order to refine the keymap choice, please select the physical layout of the keyboard.
Keyboard layout:
Belgian
French
<Ok>
<Cancel>


Package configuration
Configuring console-data
The selected keyboard layout has several variants. Please select the one matching the keyboard.
Keyboard variant:
Apple USB
Standard
Wang
<Ok>
<Cancel>

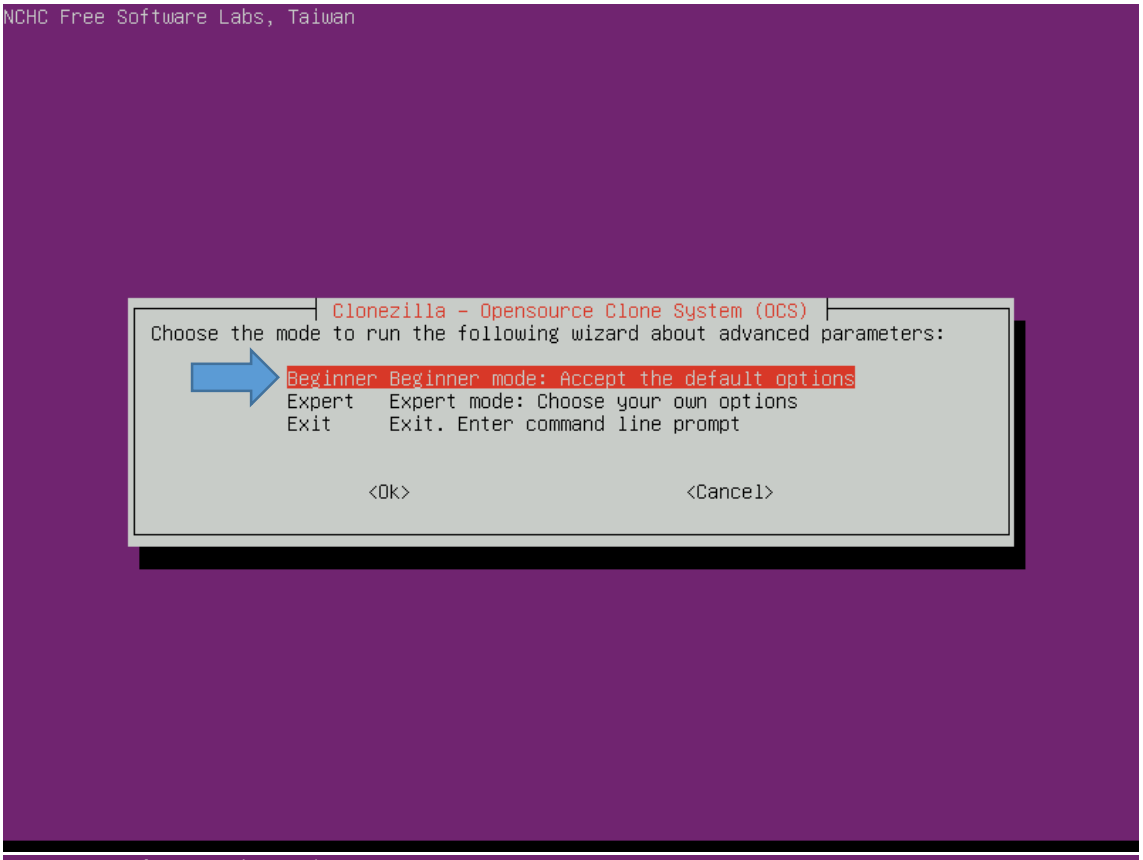

NCHC Free Software Labs, Taiwan
Start Clonezilla
Start Clonezilla or enter login shell (command line)?
Select mode:
Start_Clonezilla Start Clonezilla
Enter_shell Enter command line prompt
<Ok>
<Cancel>
NCHC Free Software Labs, Taiwan
Clonezilla - Opensource Clone System (OCS)
Clonezilla is free (GPL) 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.
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>

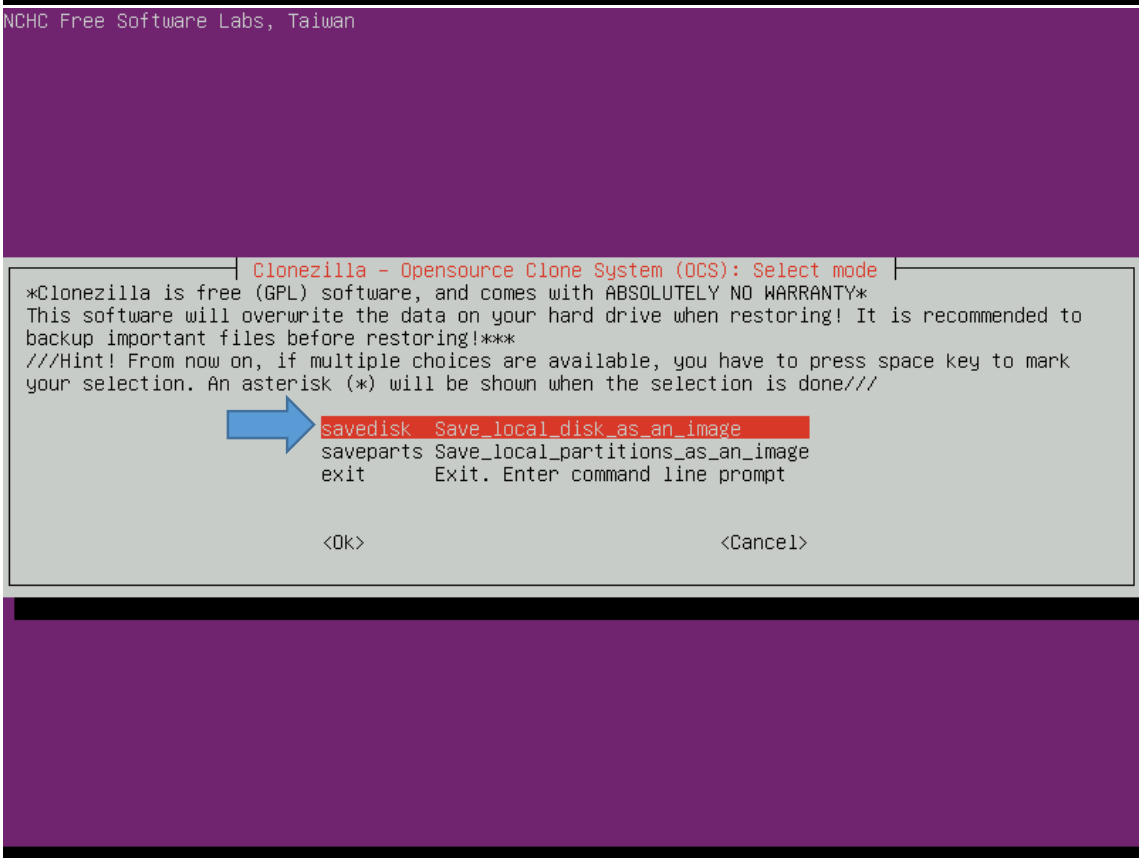


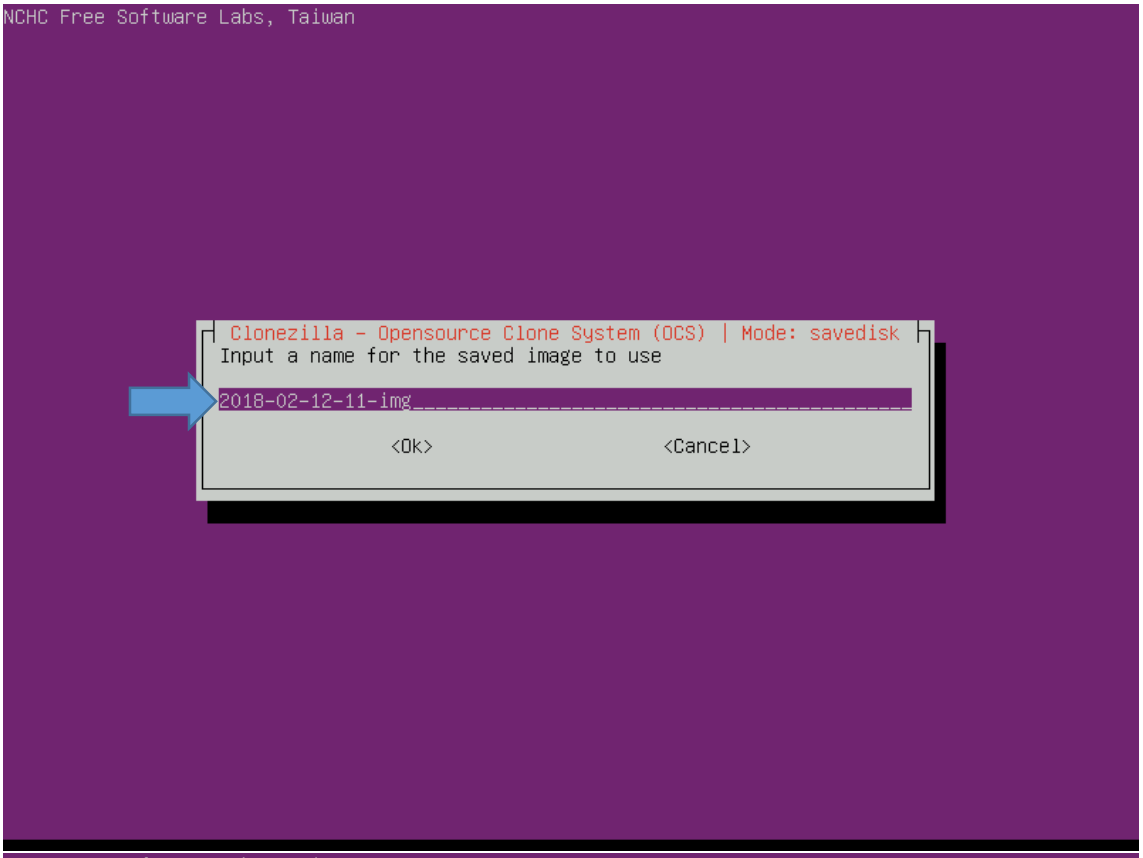
Steek een usb-stick of externe harde schijf in en wacht tot de schijf op de lijst komt. Druk nu op “ctrl-c” op het toetsenbord.

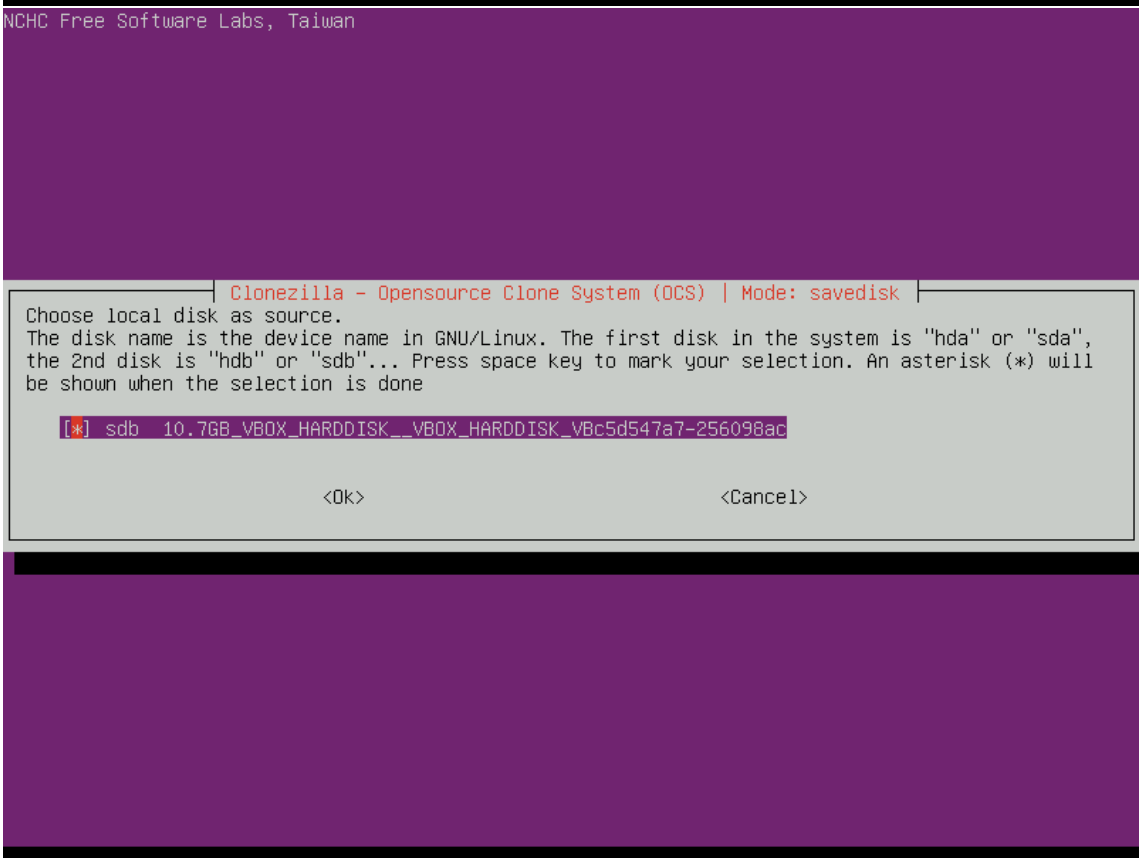


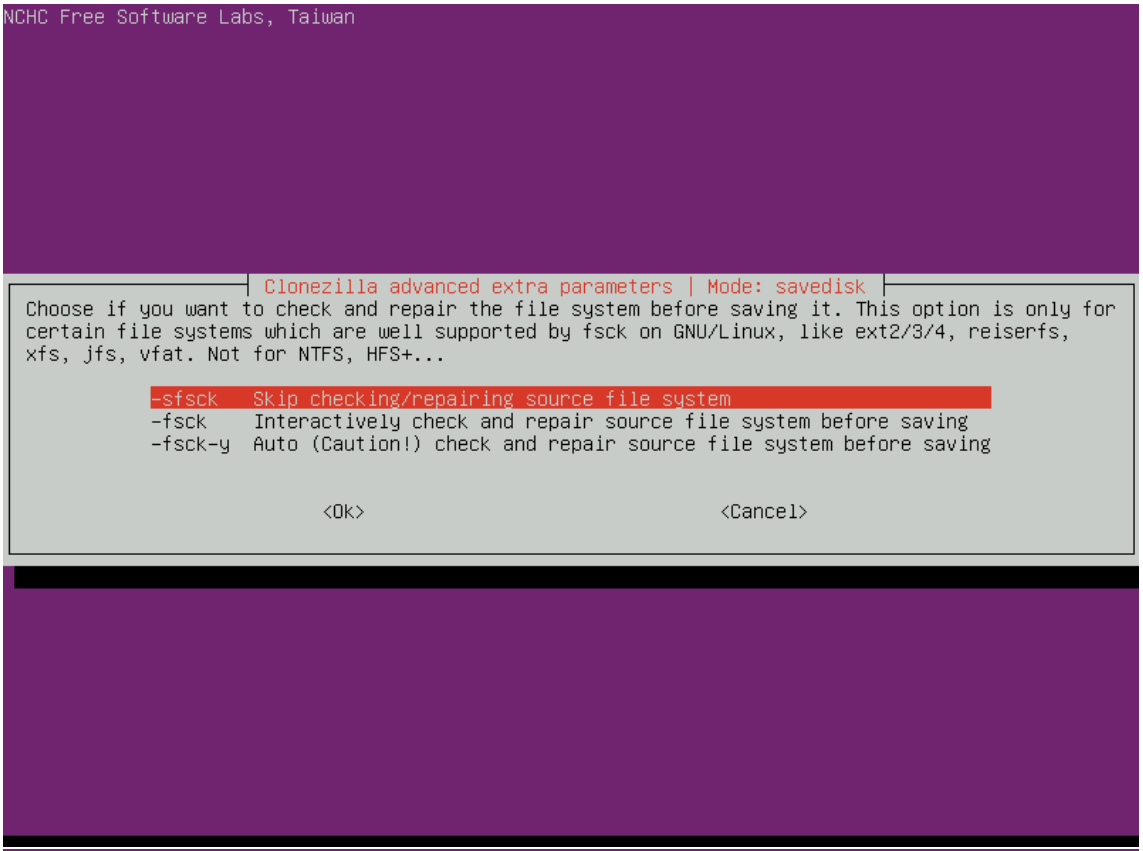
gebruik de “tab” toets om <done> te selecteren

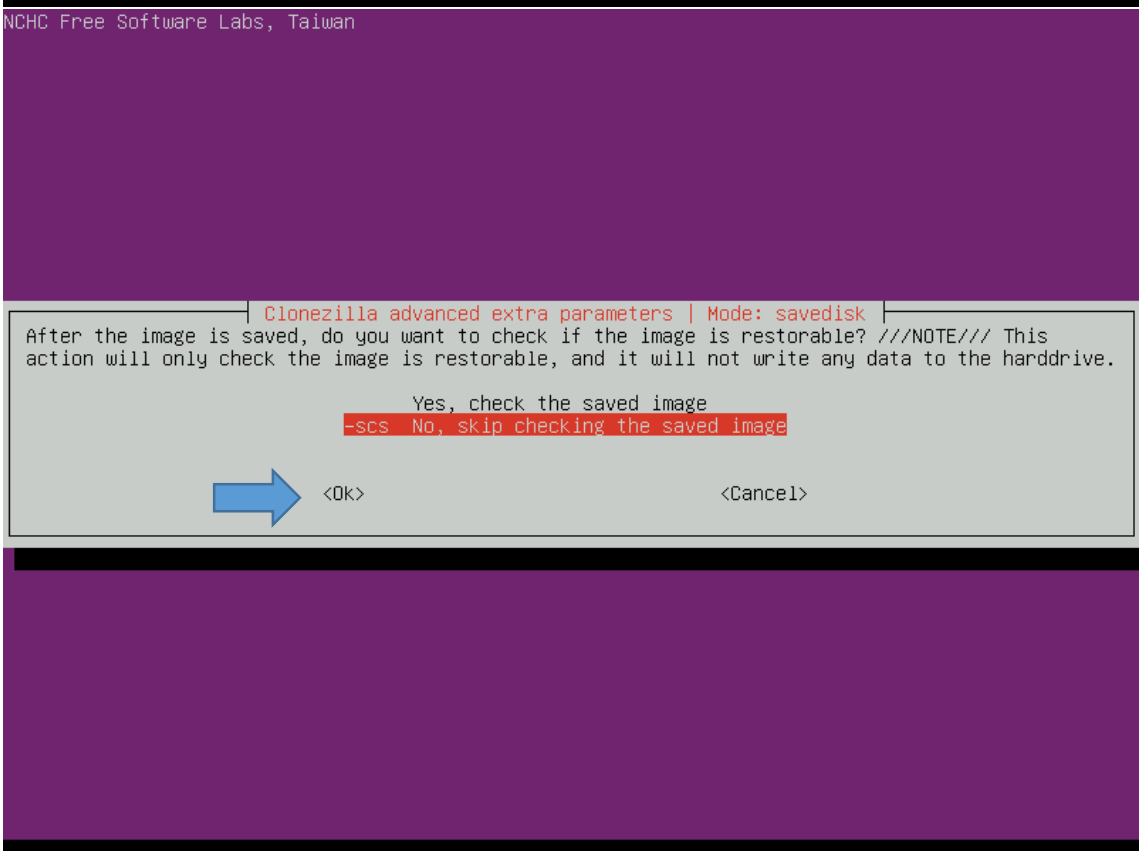

NCHC Free Software Labs, Taiwan
Clonezilla - Opensource Clone System (OCS)
Choose the mode to run the following wizard about advanced parameters:
Beginner Beginner mode: Accept the default options
Expert Expert mode: Choose your own options
Exit Exit. Enter command line prompt
<Ok>
<Cancel>

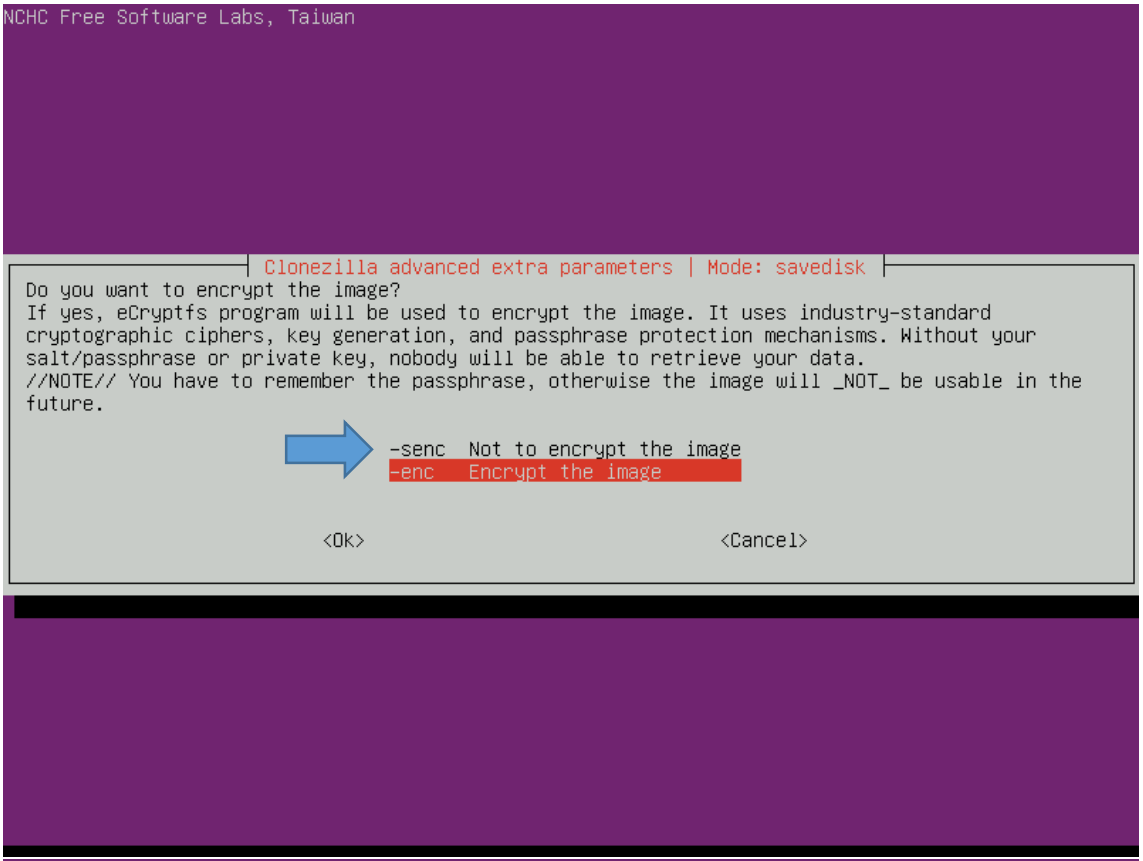

NCHC Free Software Labs, Taiwan
Clonezilla - Opensource Clone System (OCS): Select mode
Clonezilla is free (GPL) software, and comes with ABSOLUTELY NO WARRANTY
This software will overwrite the data on your hard drive when restoring! It is recommended to backup important files before restoring!***
///Hint! 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
exit Exit. Enter command line prompt
<Ok>
<Cancel>

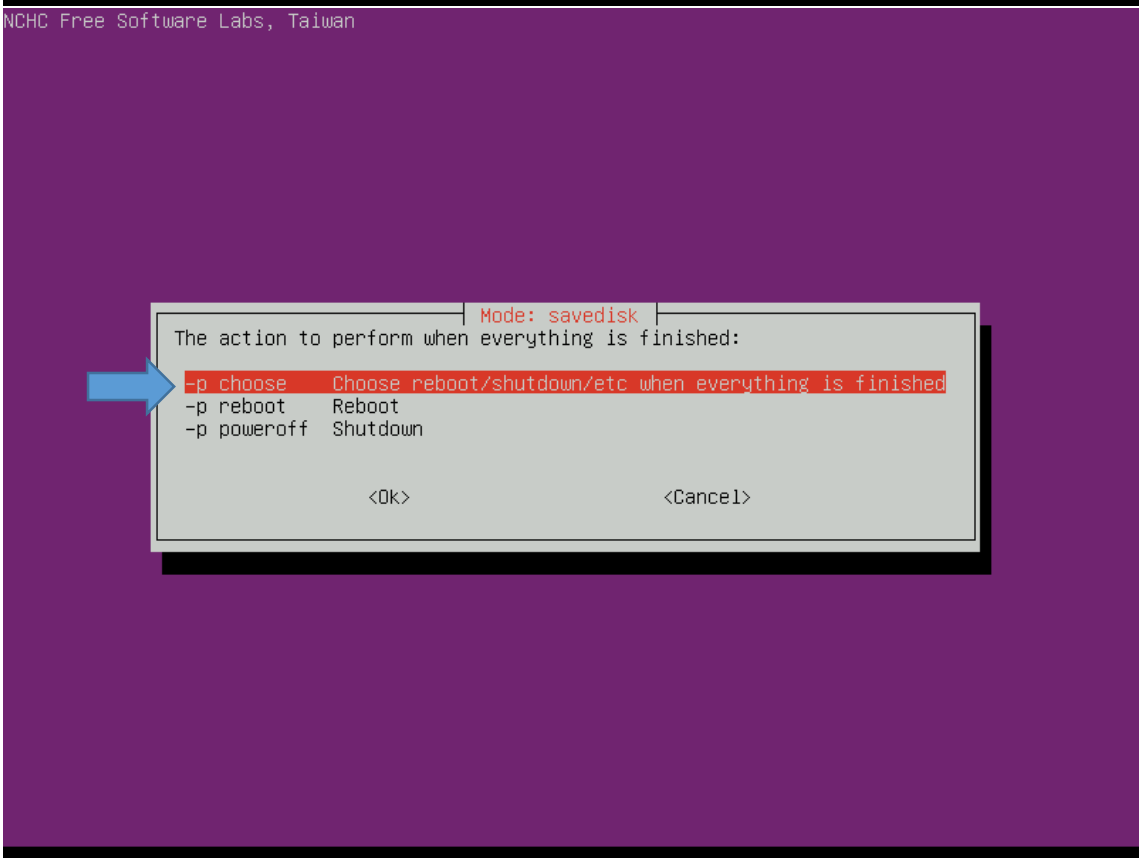

NCHC Free Software Labs, Taiwan
Clonezilla - Opensource Clone System (OCS) | Mode: savedisk
Input a name for the saved image to use
2018-02-12-11-img
<Ok>
<Cancel>

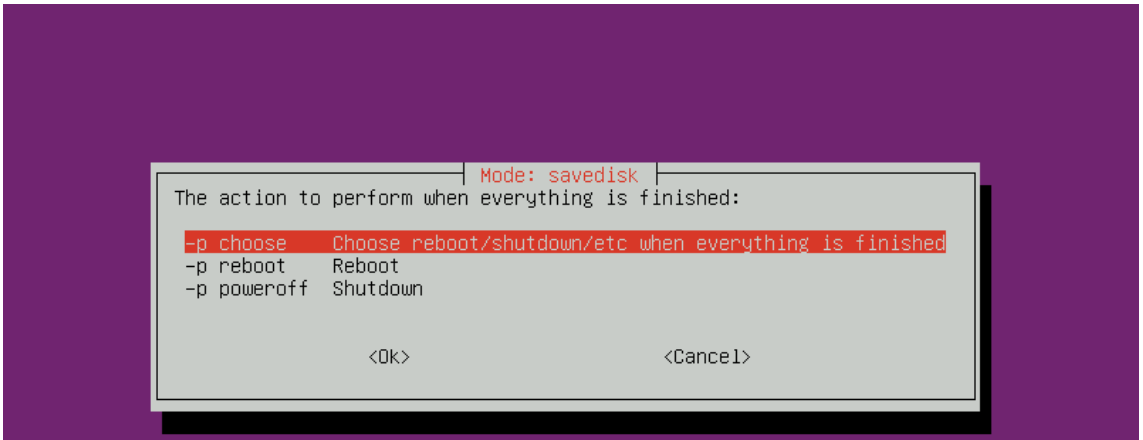

NCHC Free Software Labs, Taiwan
Clonezilla - Opensource Clone System (OCS) | Mode: savedisk
Choose local disk as source.
The disk name is the device name in GNU/Linux. The first disk in the system is "hda" or "sda",
the 2nd disk is "hdb" or "sdb"... Press space key to mark your selection. An asterisk (*) will
be shown when the selection is done
[*] sdb 10.7GB_VBOX_HARDDISK__VBOX_HARDDISK_VBc5d547a7-256098ac
<Ok>
<Cancel>


NCHC Free Software Labs, Taiwan
Clonezilla advanced extra parameters | Mode: savedisk
Choose if you want to check and repair the file system before saving it. This option is only for certain file systems which are well supported by fsck on GNU/Linux, like ext2/3/4, reiserfs, xfs, jfs, vfat. Not for NTFS, HFS+...
-sfsck Skip checking/repairing source file system
-fsck Interactively check and repair source file system before saving
-fsck-y Auto (Caution!) check and repair source file system before saving
<Ok>
<Cancel>


NCHC Free Software Labs, Taiwan
Clonezilla advanced extra parameters | Mode: savedisk
After the image is saved, do you want to check if the image is restorable? ///NOTE/// This action will only check the image is restorable, and it will not write any data to the harddrive.
Yes, check the saved image
-scs No, skip checking the saved image
<Ok>
<Cancel>

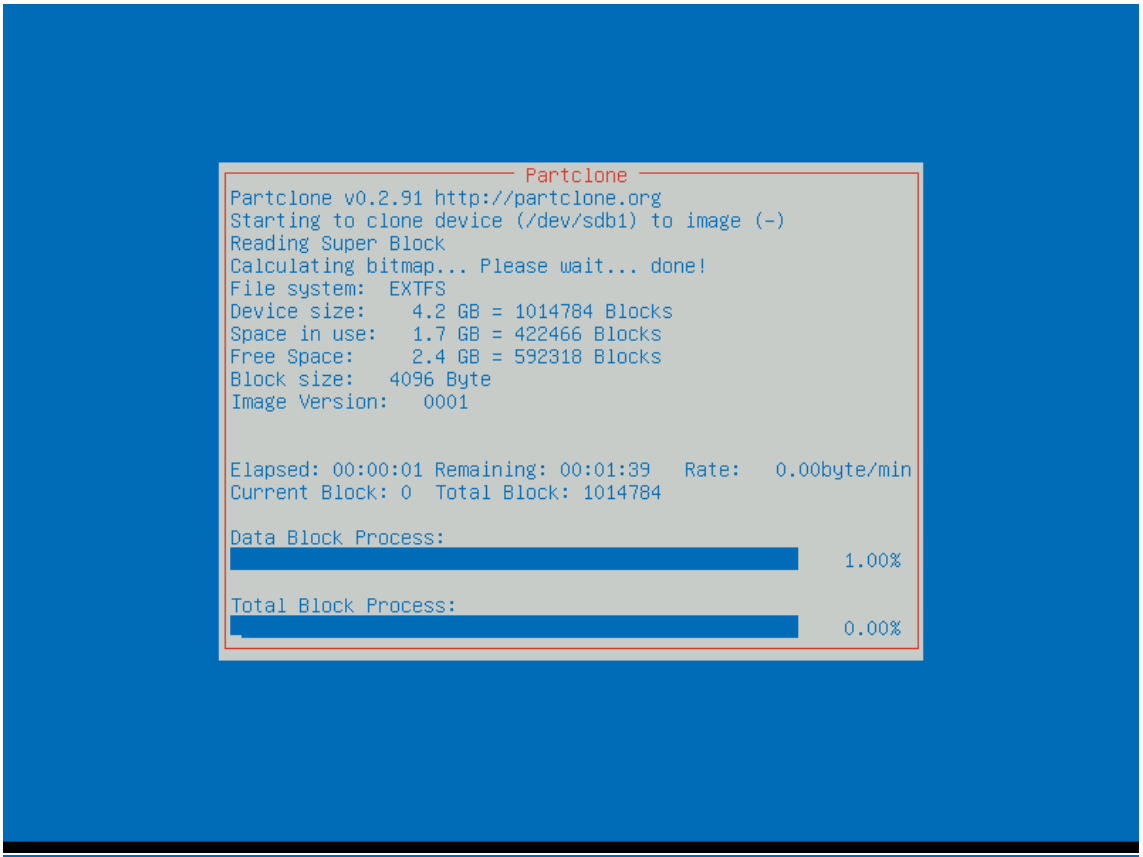

NCHC Free Software Labs, Taiwan
Clonezilla advanced extra parameters | Mode: savedisk
Do you want to encrypt the image?
If yes, eCryptfs program will be used to encrypt the image. It uses industry-standard
cryptographic ciphers, key generation, and passphrase protection mechanisms. Without your
salt/passphrase or private key, nobody will be able to retrieve your data.
//NOTE// You have to remember the passphrase, otherwise the image will _NOT_ be usable in the
future.
-senc Not to encrypt the image
-enc Encrypt the image
<Ok>
<Cancel>


NCHC Free Software Labs, Taiwan
Mode: savedisk
The action to perform when everything is finished:
-p choose Choose reboot/shutdown/etc when everything is finished
-p reboot Reboot
-p poweroff Shutdown
<Ok>
<Cancel>

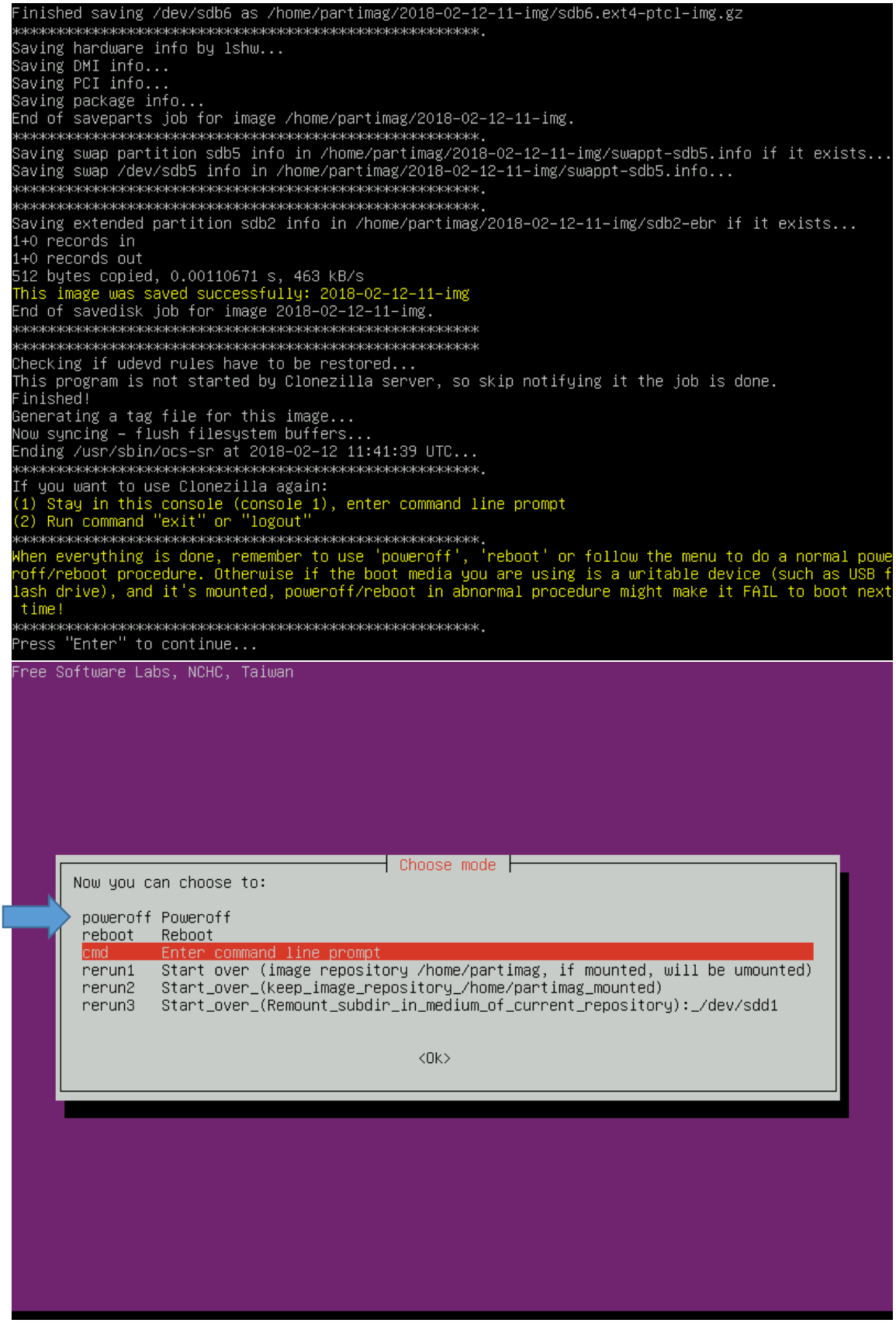


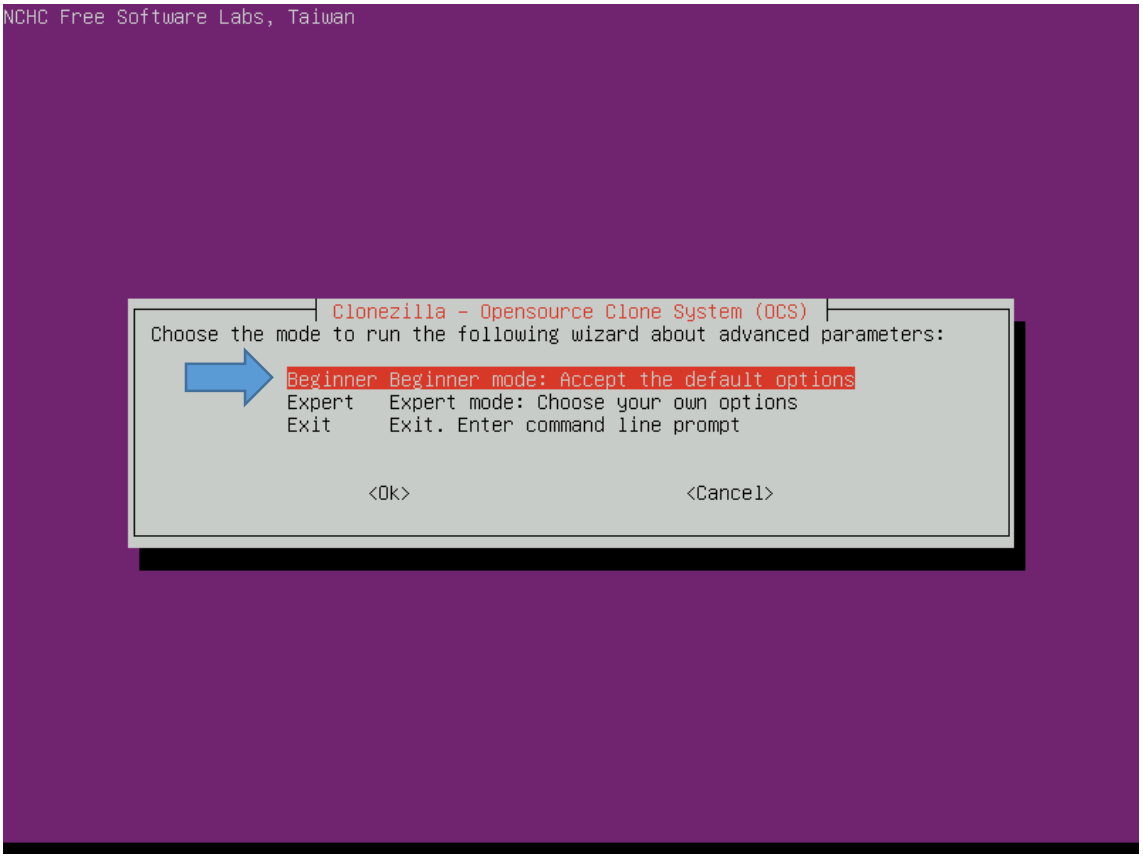

```
**********************************************************.
PS. Next time you can run this command directly:
/usr/sbin/ocs-sr -q2 -c -j2 -z1p -i 4096 -sfsck -scs -senc -p choose savedisk 2018-02-12-11-img sdb
This command is also saved as this file name for later use if necessary: /tmp/ocs-2018-02-12-11-img-
2018-02-12-11-37
**********************************************************.
Press "Enter" to continue... _
```

```
**********************************************************.
PS. Next time you can run this command directly:
/usr/sbin/ocs-sr -q2 -c -j2 -z1p -i 4096 -sfsck -scs -senc -p choose savedisk 2018-02-12-11-img sdb
This command is also saved as this file name for later use if necessary: /tmp/ocs-2018-02-12-11-img-
2018-02-12-11-37
**********************************************************.
Press "Enter" to continue...
Activating the partition info in /proc... done!
Selected device [sdb] found!
The selected devices: sdb
Searching for data/swap/extended partition(s)...
Excluding busy partition or disk...
Unmounted partitions (including extended or swap): sdb1 sdb2 sdb5 sdb6
Collecting info..... done!
The data partition to be saved: sdb1 sdb6
The swap partition to be saved: sdb5
The extended partition to be saved: sdb2
Activating the partition info in /proc... done!
Selected device [sdb1] found!
Selected device [sdb6] found!
The selected devices: sdb1 sdb6
Getting /dev/sdb1 info...
Getting /dev/sdb6 info...
**********************************************************.
The following step is to save the hard disk/partition(s) on this machine as an image:
**********************************************************.
Machine: VirtualBox
sdb (10.7GB_VBOX_HARDDISK__VBOX_HARDDISK_VBc5d547a7-256098ac)
sdb1 (3.9G_ext4(In_VBOX_HARDDISK_)_VBOX_HARDDISK_VBc5d547a7-256098ac)
sdb6 (5.9G_ext4(In_VBOX_HARDDISK_)_VBOX_HARDDISK_VBc5d547a7-256098ac)
**********************************************************.
-> "/home/partimag/2018-02-12-11-img".
Are you sure you want to continue? (y/n) _
```

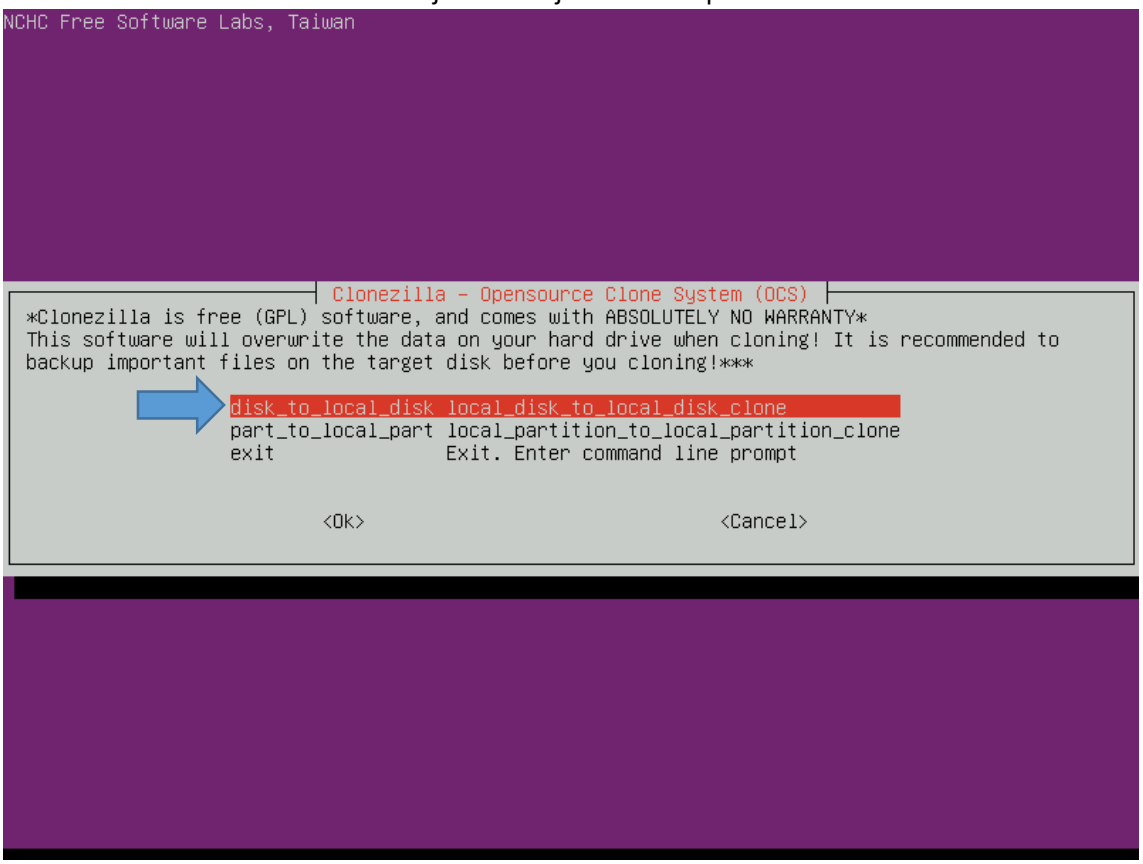


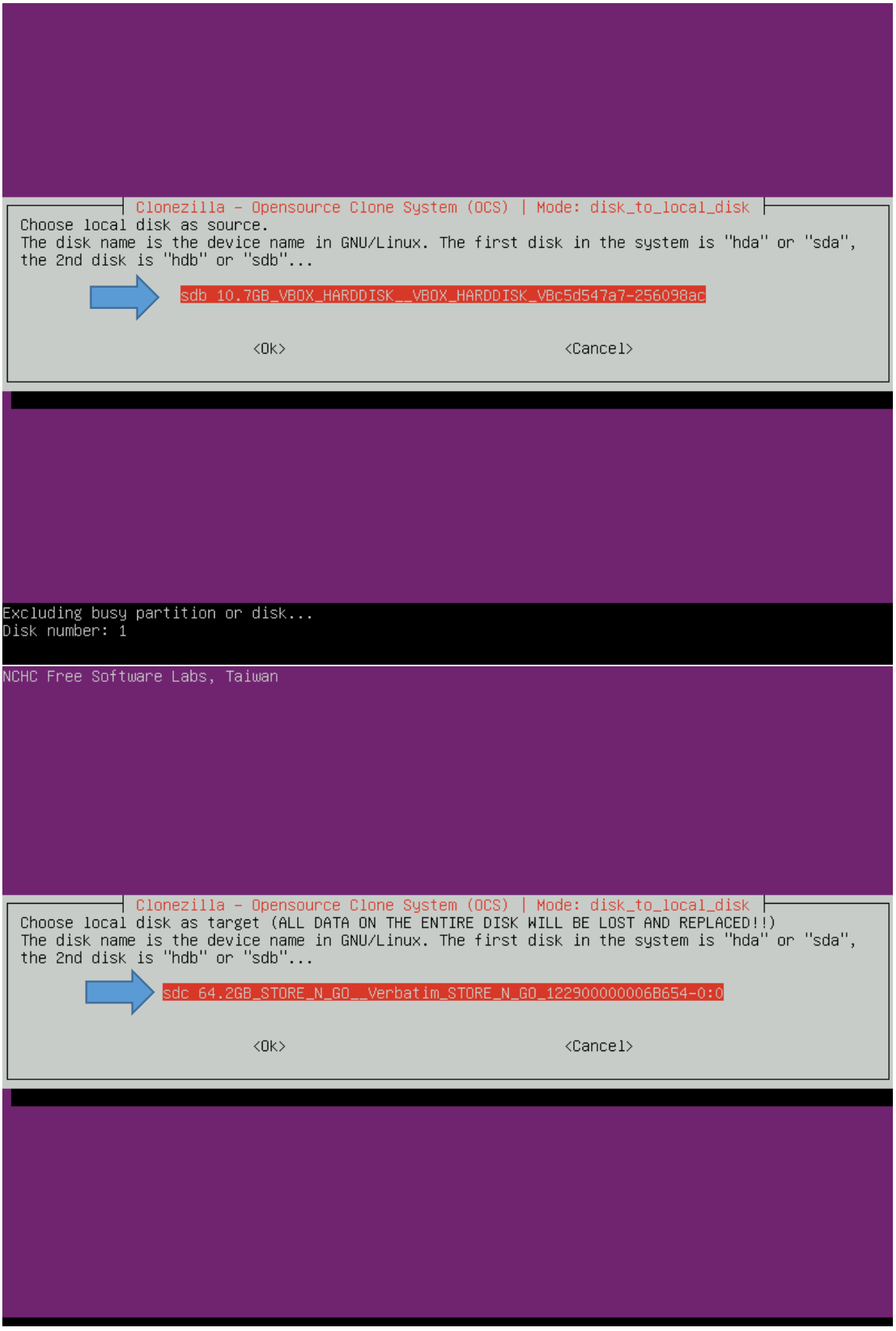

```
Cloned successfully.
Checking the disk space...
>>> Time elapsed: 7.41 secs (~ .123 mins)
Change mode to 600 for these files: /home/partimag/2018-02-12-11-img/sdb6.ext4-ptcl-img.gz*
**************************************************.
Finished saving /dev/sdb6 as /home/partimag/2018-02-12-11-img/sdb6.ext4-ptcl-img.gz
**************************************************.
Saving hardware info by lshw...
Saving DMI info...
Saving PCI info...
Saving package info...
End of saveparts job for image /home/partimag/2018-02-12-11-img.
**************************************************.
Saving swap partition sdb5 info in /home/partimag/2018-02-12-11-img/swappt-sdb5.info if it exists...
Saving swap /dev/sdb5 info in /home/partimag/2018-02-12-11-img/swappt-sdb5.info...
**************************************************.
**************************************************.
Saving extended partition sdb2 info in /home/partimag/2018-02-12-11-img/sdb2-ebr if it exists...
1+0 records in
1+0 records out
512 bytes copied, 0.00110671 s, 463 kB/s
This image was saved successfully: 2018-02-12-11-img
End of savedisk job for image 2018-02-12-11-img.
**************************************************
**************************************************
Checking if udevd rules have to be restored...
This program is not started by Clonezilla server, so skip notifying it the job is done.
Finished!
Generating a tag file for this image...
Now syncing - flush filesystem buffers...
```

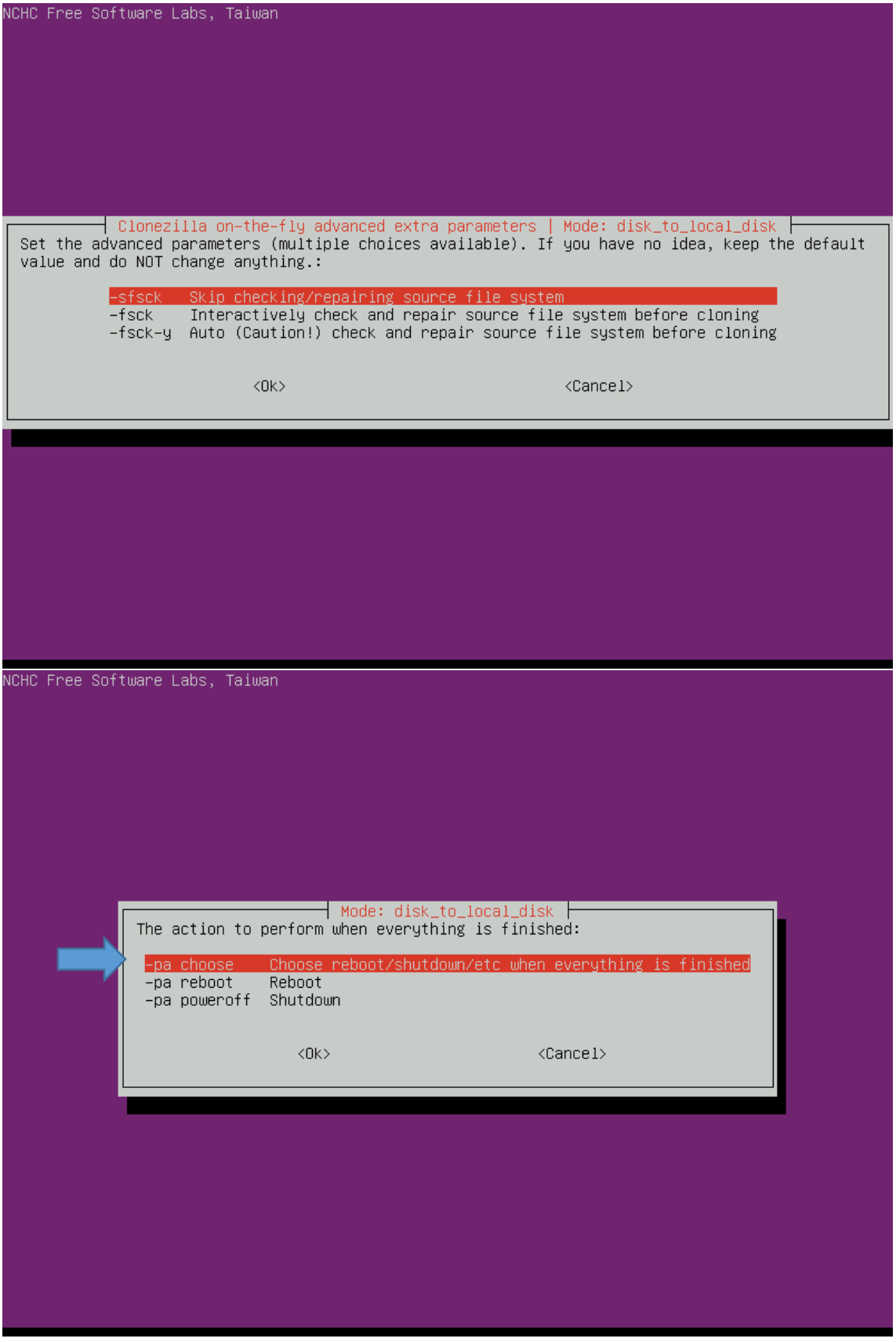

Finished saving /dev/sdb6 as /home/partimag/2018-02-12-11-img/sdb6.ext4-ptcl-img.gz
Saving hardware info by lshw...
Saving DMI info...
Saving PCI info...
Saving package info...
End of saveparts job for image /home/partimag/2018-02-12-11-img.
Saving swap partition sdb5 info in /home/partimag/2018-02-12-11-img/swappt-sdb5.info if it exists...
Saving swap /dev/sdb5 info in /home/partimag/2018-02-12-11-img/swappt-sdb5.info...
Saving extended partition sdb2 info in /home/partimag/2018-02-12-11-img/sdb2-ebr if it exists...
1+0 records in
1+0 records out
512 bytes copied, 0.00110671 s, 463 kB/s
This image was saved successfully: 2018-02-12-11-img
End of savedisk job for image 2018-02-12-11-img.
Checking if udevd rules have to be restored...
This program is not started by Clonezilla server, so skip notifying it the job is done.
Finished!
Generating a tag file for this image...
Now syncing - flush filesystem buffers...
Ending /usr/sbin/ocs-sr at 2018-02-12 11:41:39 UTC...
If you want to use Clonezilla again:
(1) Stay in this console (console 1), enter command line prompt
(2) Run command "exit" or "logout"
When everything is done, remember to use 'poweroff', 'reboot' or follow the menu to do a normal powe
roff/reboot procedure. Otherwise if the boot media you are using is a writable device (such as USB f
lash drive), and it's mounted, poweroff/reboot in abnormal procedure might make it FAIL to boot next
time!
Press "Enter" to continue...
Free Software Labs, NCHC, Taiwan
Choose mode
Now you can choose to:
poweroff Poweroff
reboot Reboot
cmd Enter command line prompt
rerun1 Start over (image repository /home/partimag, if mounted, will be umounted)
rerun2 Start_over_(keep_image_repository_/home/partimag_mounted)
rerun3 Start_over_(Remount_subdir_in_medium_of_current_repository):_/dev/sdd1
<Ok>

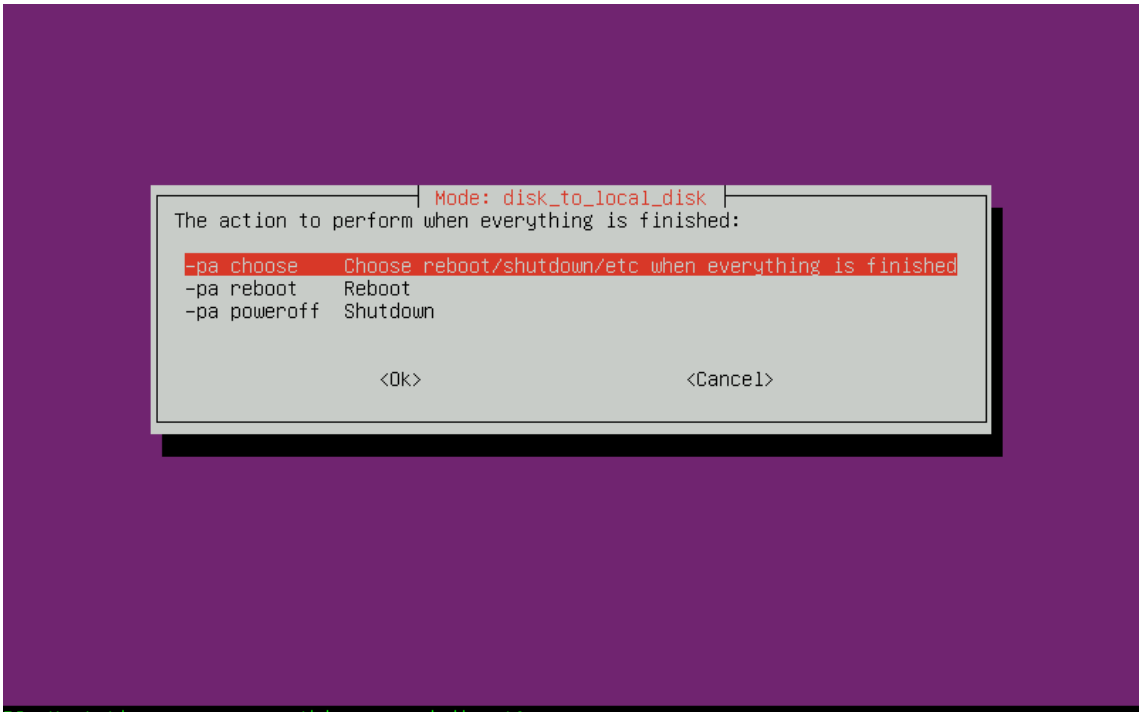


Om een backup over te zetten tussen 2 harde schijven, selecteer je “disk_to_local_disk” dit moet je kiezen na het selecteren van de schijven waar je een backup van maakt.



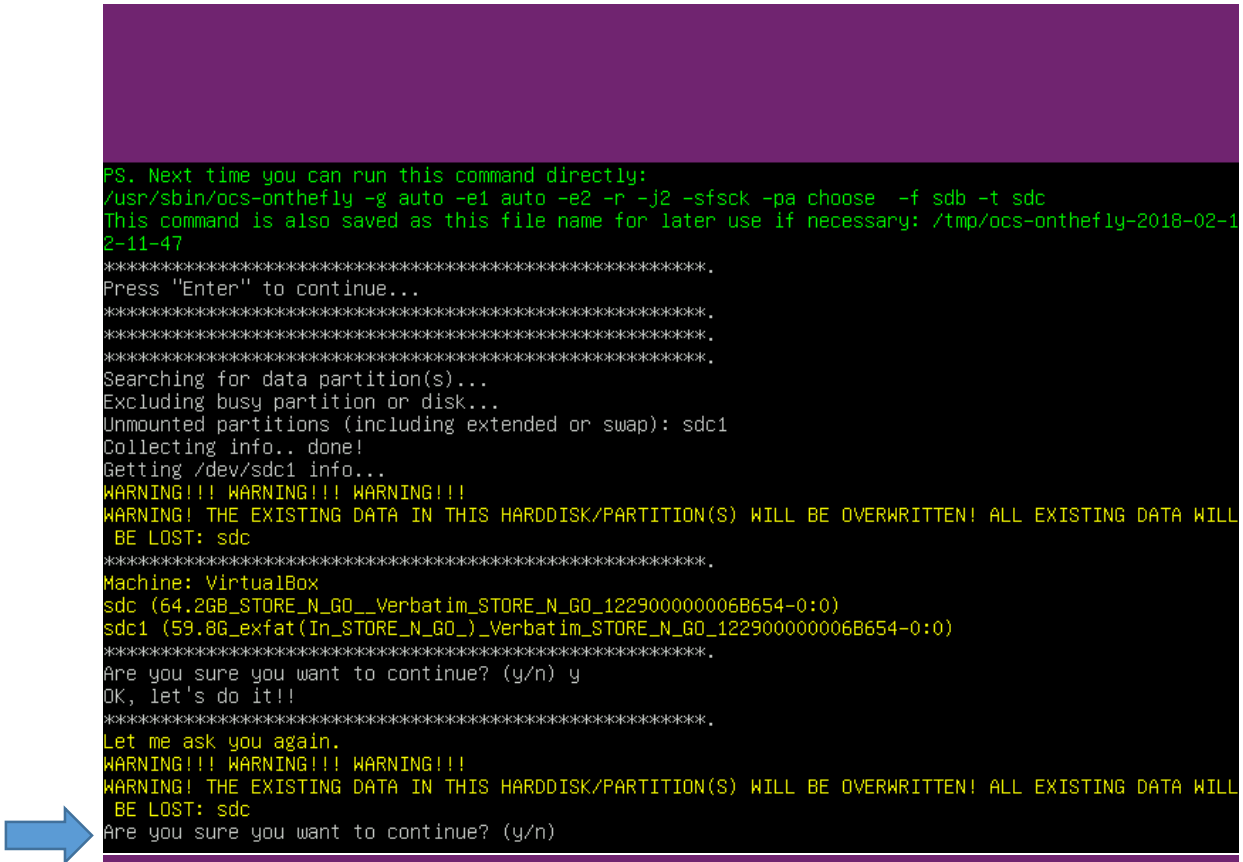

Clonezilla - Opensource Clone System (OCS) | Mode: disk_to_local_disk
Choose local disk as source.
The disk name is the device name in GNU/Linux. The first disk in the system is "hda" or "sda",
the 2nd disk is "hdb" or "sdb"...
sdb 10.7GB_VBOX_HARDDISK__VBOX_HARDDISK_VBc5d547a7-256098ac
<Ok>
<Cancel>
Excluding busy partition or disk...
Disk number: 1
NCHC Free Software Labs, Taiwan
Clonezilla - Opensource Clone System (OCS) | Mode: disk_to_local_disk
Choose local disk as target (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"...
sdc 64.2GB_STORE_N_GO__Verbatim_STORE_N_GO_122900000006B654-0:0
<Ok>
<Cancel>

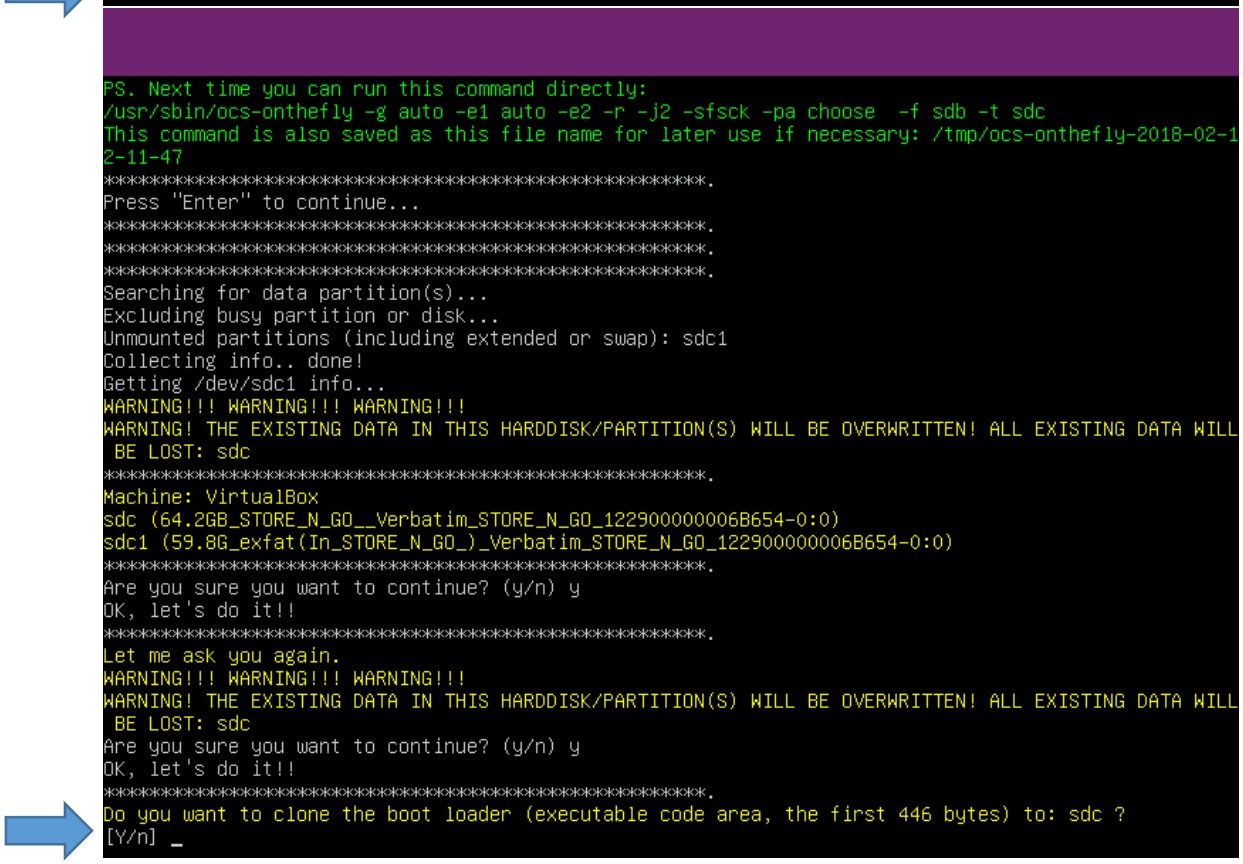

NCHC Free Software Labs, Taiwan
Clonezilla on-the-fly advanced extra parameters | Mode: disk_to_local_disk
Set the advanced parameters (multiple choices available). If you have no idea, keep the default value and do NOT change anything.:
-sfsck Skip checking/repairing source file system
-fsck Interactively check and repair source file system before cloning
-fsck-y Auto (Caution!) check and repair source file system before cloning
<Ok>
<Cancel>
NCHC Free Software Labs, Taiwan
Mode: disk_to_local_disk
The action to perform when everything is finished:
-pa choose Choose reboot/shutdown/etc when everything is finished
-pa reboot Reboot
-pa poweroff Shutdown
<Ok>
<Cancel>



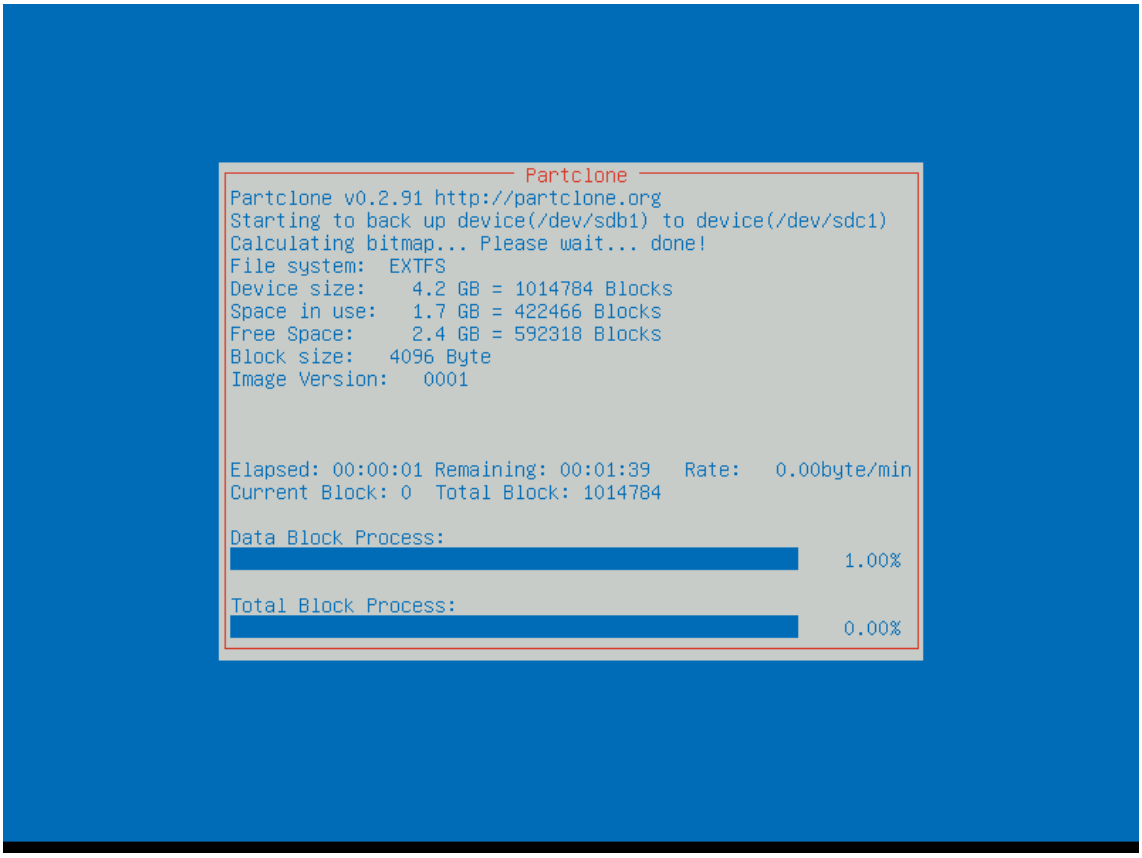

```
PS. Next time you can run this command directly:
/usr/sbin/ocs-onthefly -g auto -e1 auto -e2 -r -j2 -sfsck -pa choose  -f sdb -t sdc
This command is also saved as this file name for later use if necessary: /tmp/ocs-onthefly-2018-02-1
2-11-47
**********************************************************.
Press "Enter" to continue...
```

```
PS. Next time you can run this command directly:
/usr/sbin/ocs-onthefly -g auto -e1 auto -e2 -r -j2 -sfsck -pa choose  -f sdb -t sdc
This command is also saved as this file name for later use if necessary: /tmp/ocs-onthefly-2018-02-1
2-11-47
**********************************************************.
Press "Enter" to continue...
**********************************************************.
**********************************************************.
**********************************************************.
Searching for data partition(s)...
Excluding busy partition or disk...
Unmounted partitions (including extended or swap): sdc1
Collecting info.. done!
Getting /dev/sdc1 info...
WARNING!!! WARNING!!! WARNING!!!
WARNING! THE EXISTING DATA IN THIS HARDDISK/PARTITION(S) WILL BE OVERWRITTEN! ALL EXISTING DATA WILL
 BE LOST: sdc
**********************************************************.
Machine: VirtualBox
sdc (64.2GB_STORE_N_GO__Verbatim_STORE_N_GO_1229000000006B654-0:0)
sdc1 (59.8G_exfat(In_STORE_N_GO_)_Verbatim_STORE_N_GO_1229000000006B654-0:0)
**********************************************************.
Are you sure you want to continue? (y/n)
```



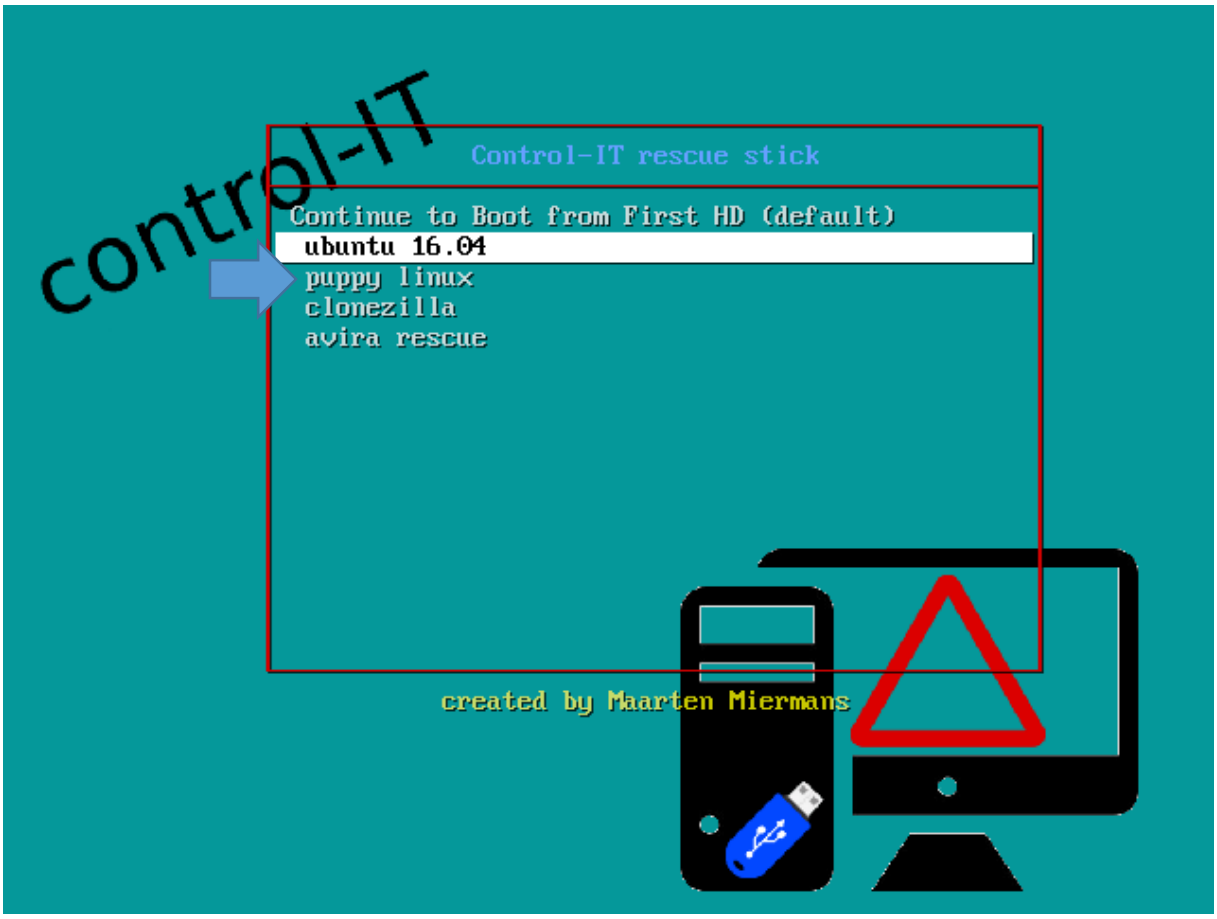


als je een backup maakt van een opstartschijf, dan vraagt hij voor de boot loader ook mee te kopiëren. Als je een gewone dataschijf kopiert dan vraagt hij dit niet.


Partclone
Partclone v0.2.91 http://partclone.org
Starting to back up device(/dev/sdb1) to device(/dev/sdc1)
Calculating bitmap... Please wait... done!
File system: EXTFS
Device size: 4.2 GB = 1014784 Blocks
Space in use: 1.7 GB = 422466 Blocks
Free Space: 2.4 GB = 592318 Blocks
Block size: 4096 Byte
Image Version: 0001
Elapsed: 00:00:01 Remaining: 00:01:39 Rate: 0.00byte/min
Current Block: 0 Total Block: 1014784
Data Block Process:
1.00%
Total Block Process:
0.00%

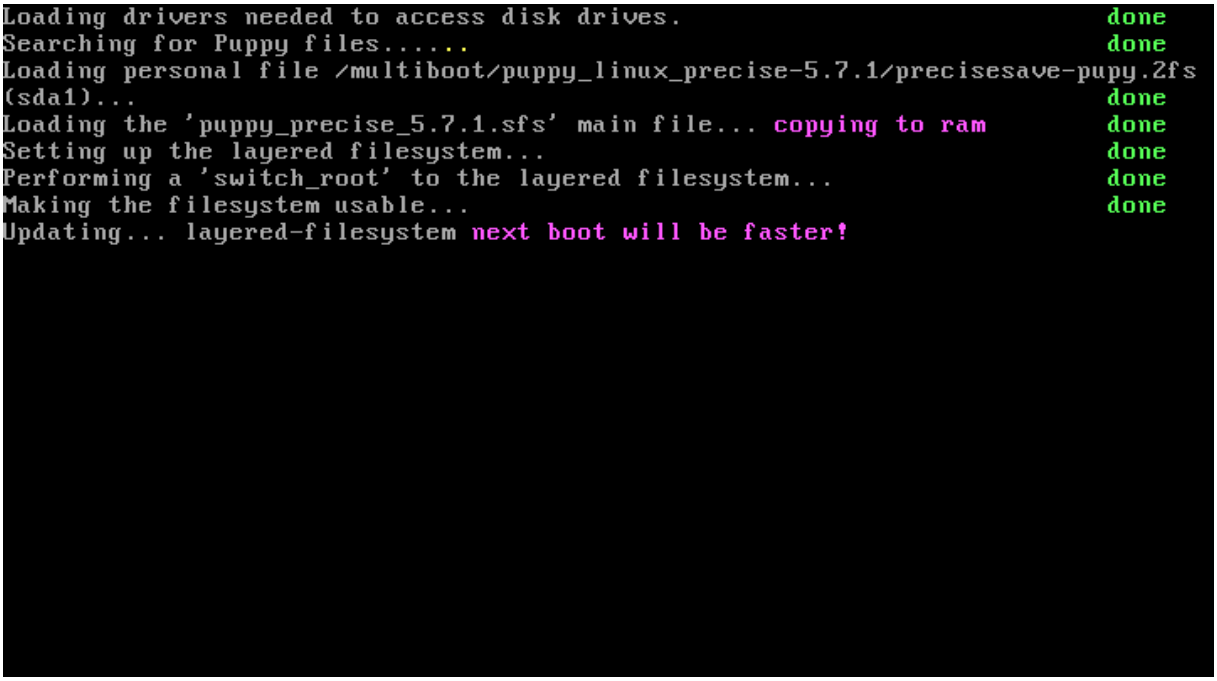
Puppy linux:

Deze handleiding laat zien hoe je puppy linux opstart en welke functies puppy linux heeft.



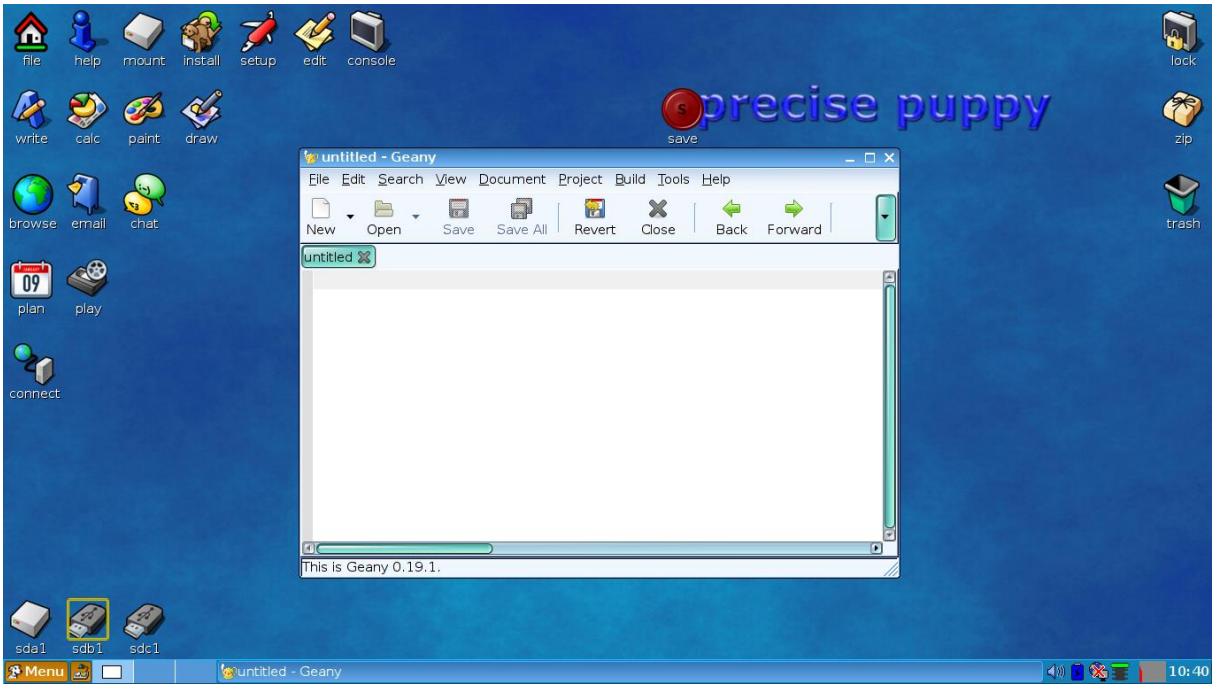
Gebruik de pijltjestoetsen om puppy linux te selecteren.

Tijdens het opstarten krijg je tekst te zien, deze tekst mag je negeren.

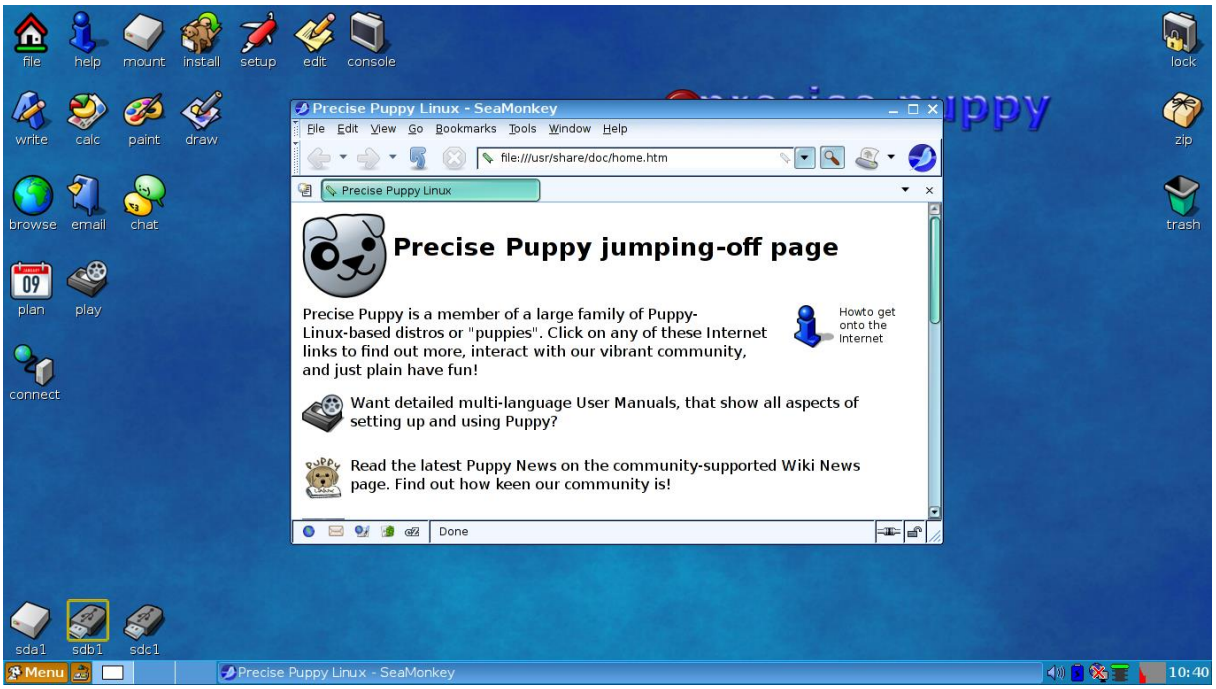


Als puppy linux opgestart is, krijg je het bureaublad te zien.

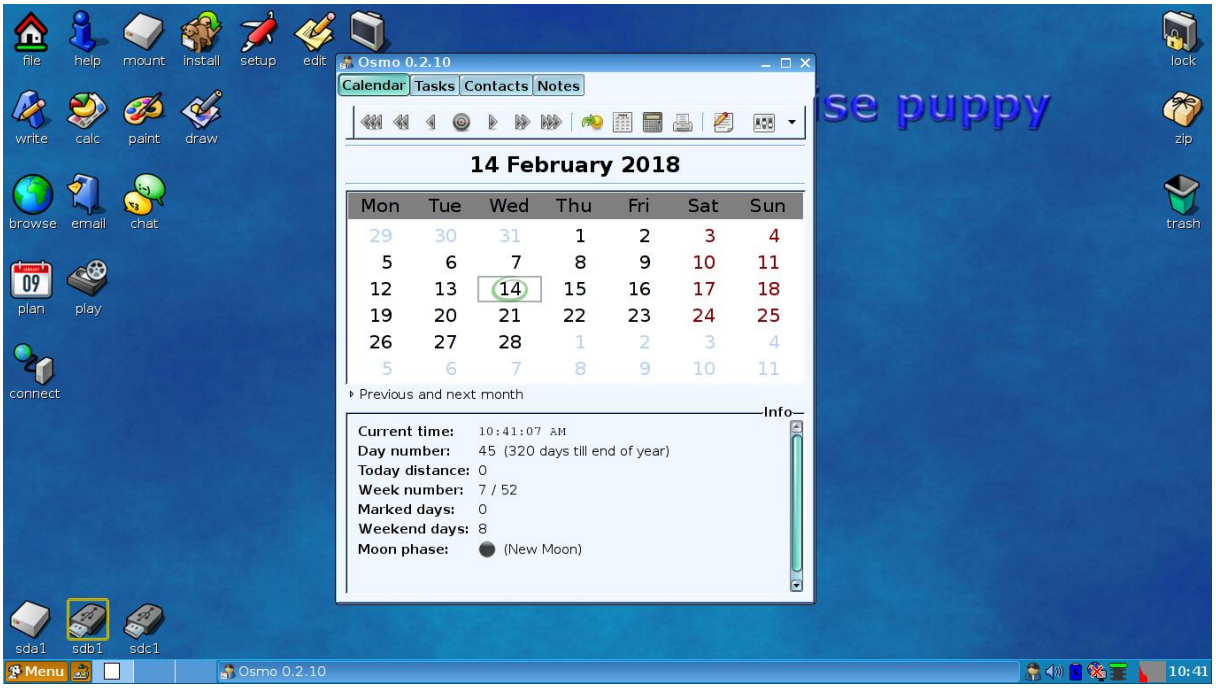
Puppy linux is een licht besturingssysteem met veel programma's. Ideaal voor een oudere computer.



Puppy linux heeft veel functies ingebouwd. Dit is een tekstverwerker.



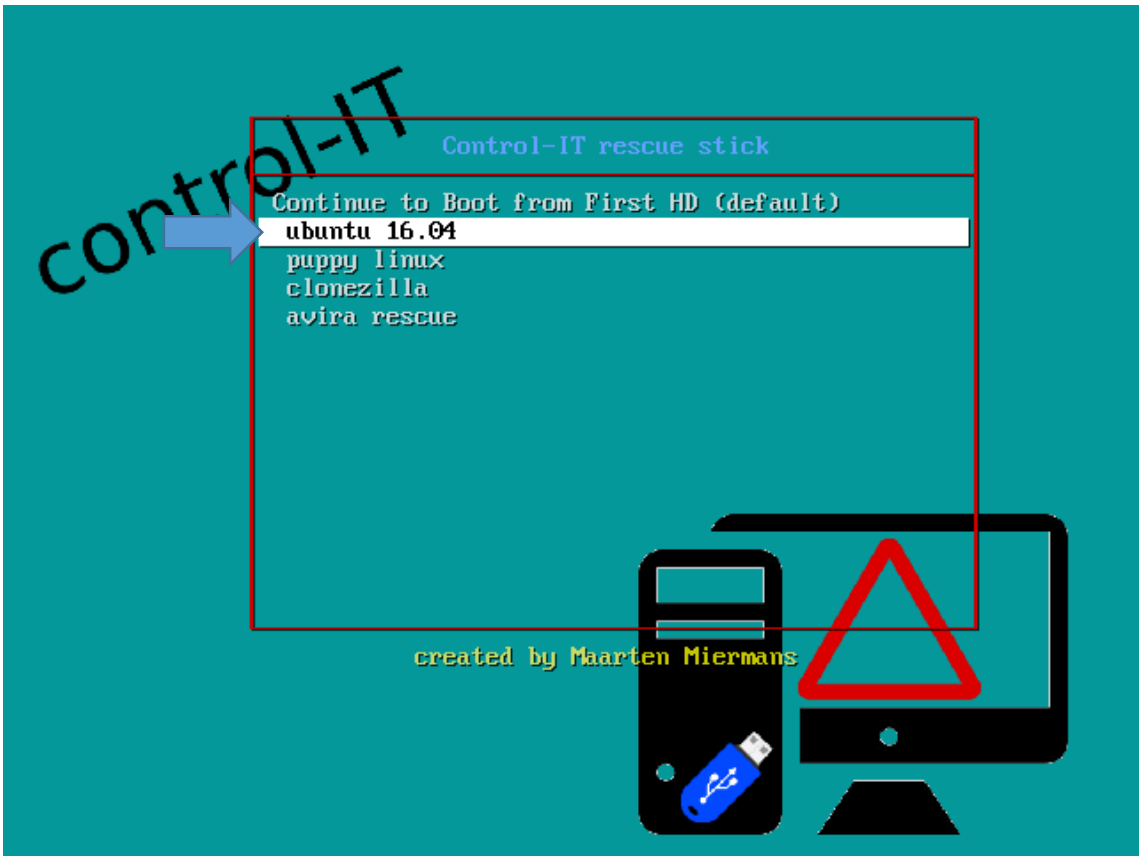
Je hebt ook een browser om op internet te gaan.



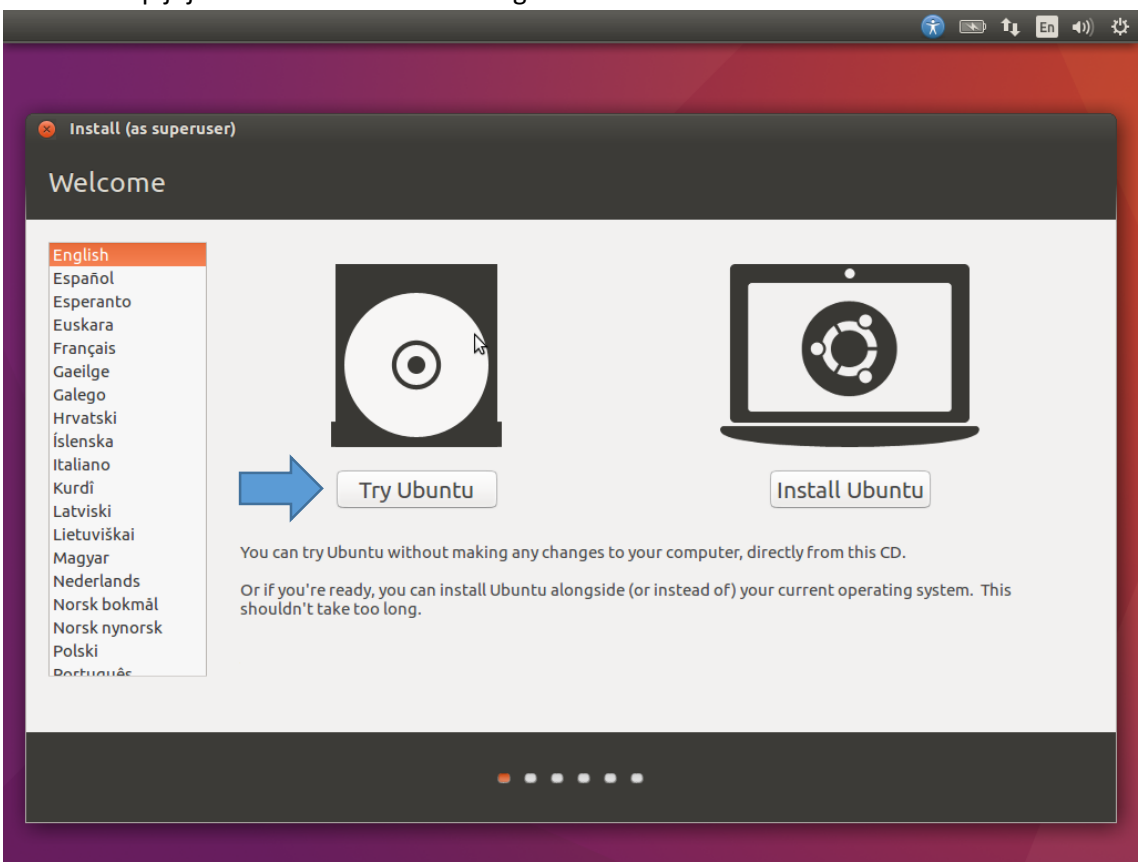
Puppy linux heeft zelfs een kalender.

Ubuntu:

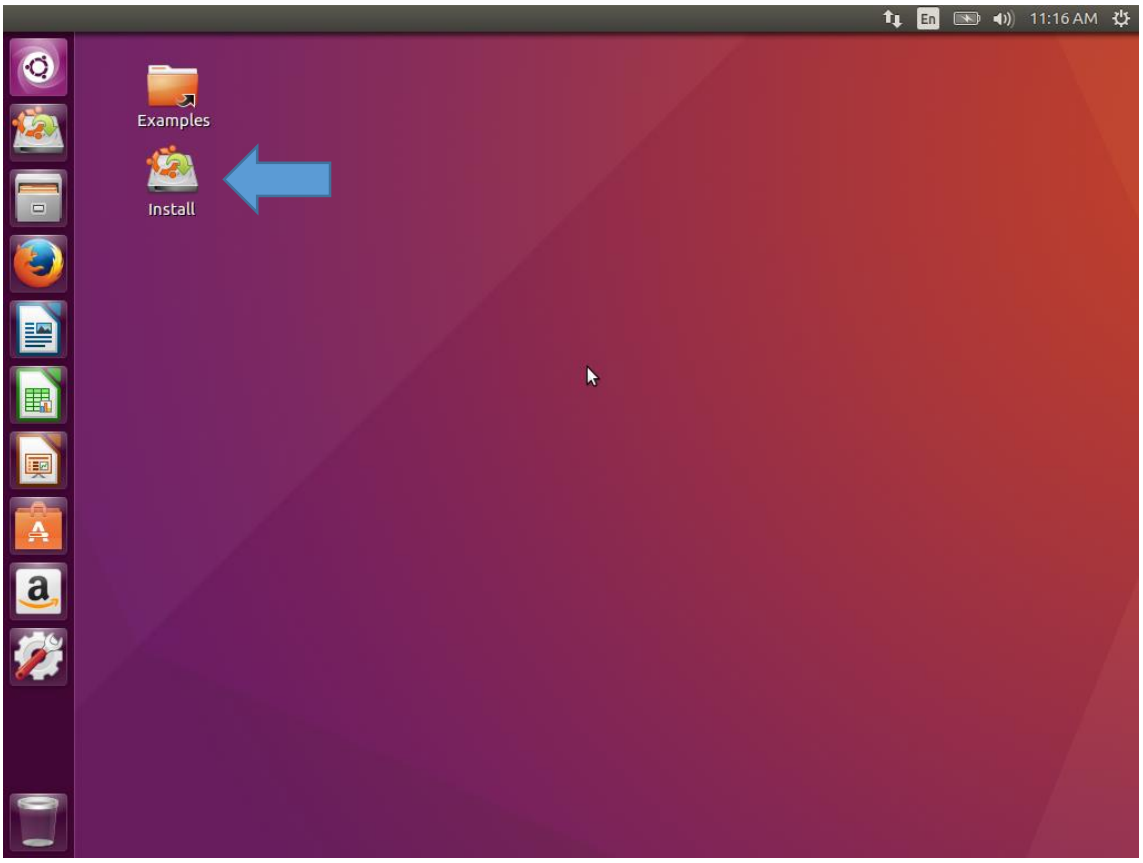
Deze handleiding laat zien hoe je ubuntu opstart en kan testen.



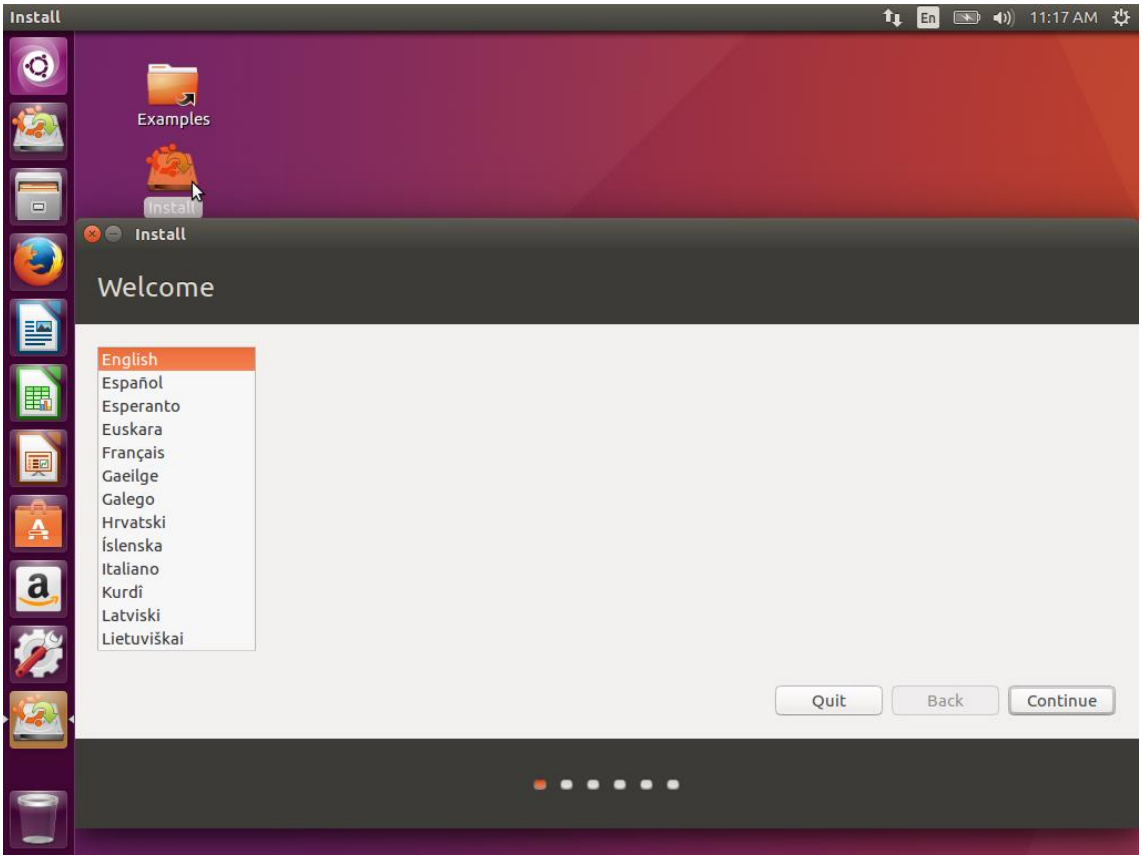
Gebruik de pijltjestoetsen om “ubuntu” te gebruiken.



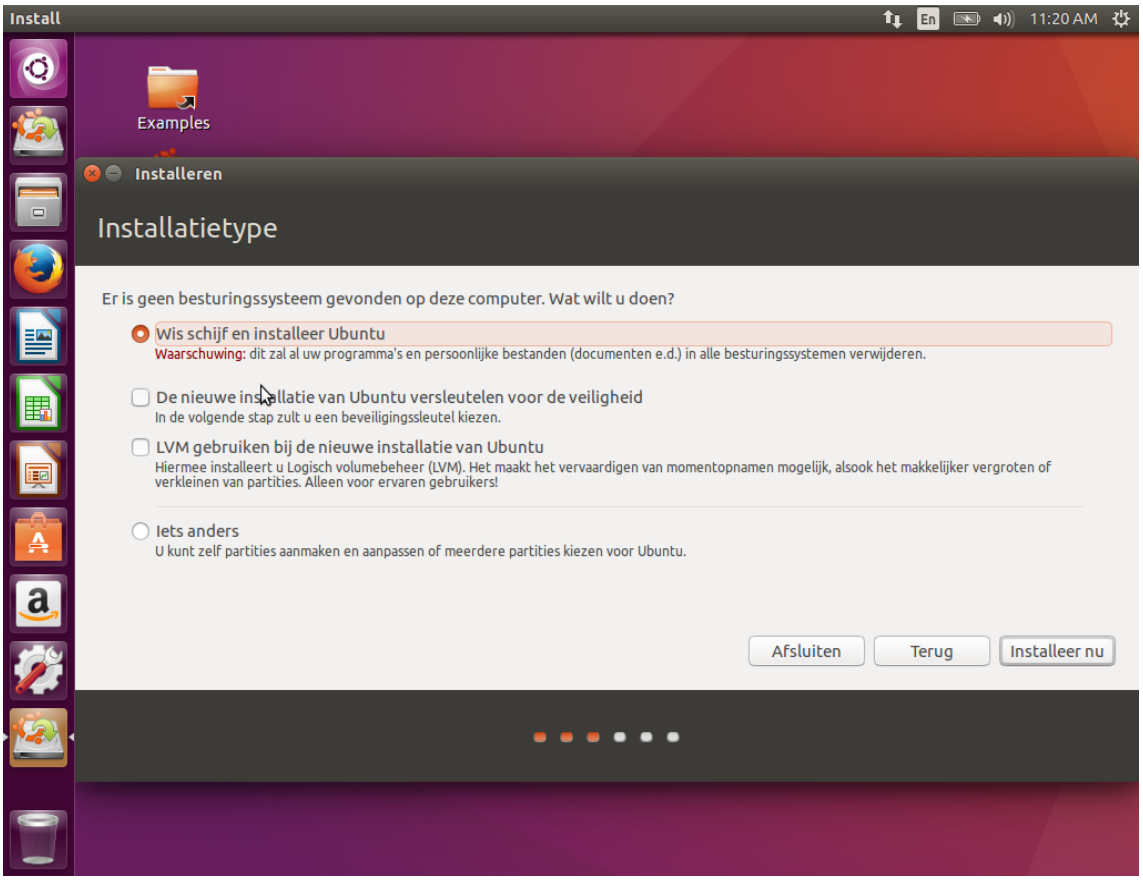
Je kan ubuntu eerst testen. Door op “try ubuntu” te klikken kun je ubuntu gebruiken zonder te installeren.



je kan ubuntu achteraf nog installeren door op “install” te drukken. De installatie is duidelijk en vanzelfsprekend.



Als je windows al hebt, kan je kiezen om ubuntu te installeren en windows te behouden.



Vervolledig nu de installatie van ubuntu.