Cloning

- Clone machines with CloneZilla and iVentoy

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This guide will describe how to clone & restore disks using CloneZilla booted over PXE using iVentoy on Windows.

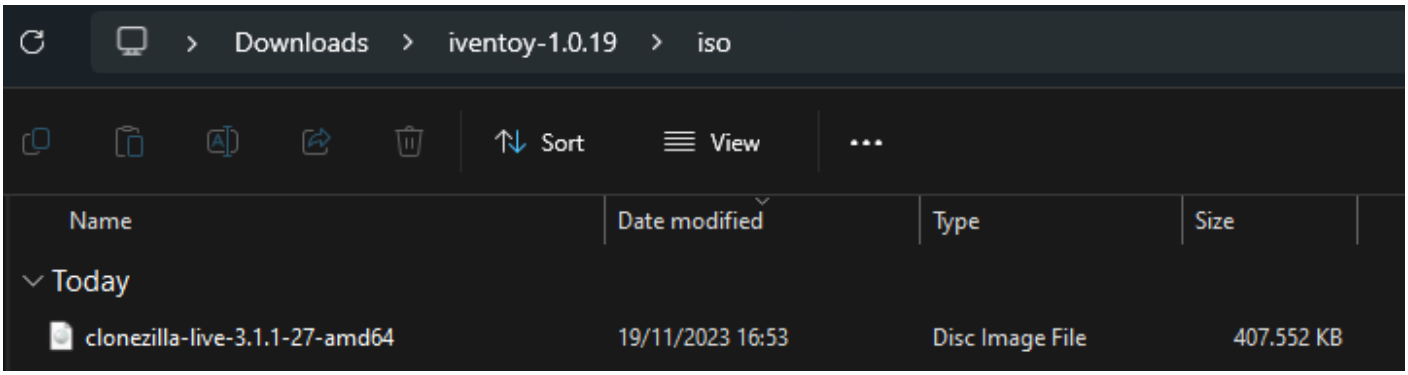
Prerequisites:

CloneZilla ISO: https://clonezilla.org/downloads/download.php?branch=stable

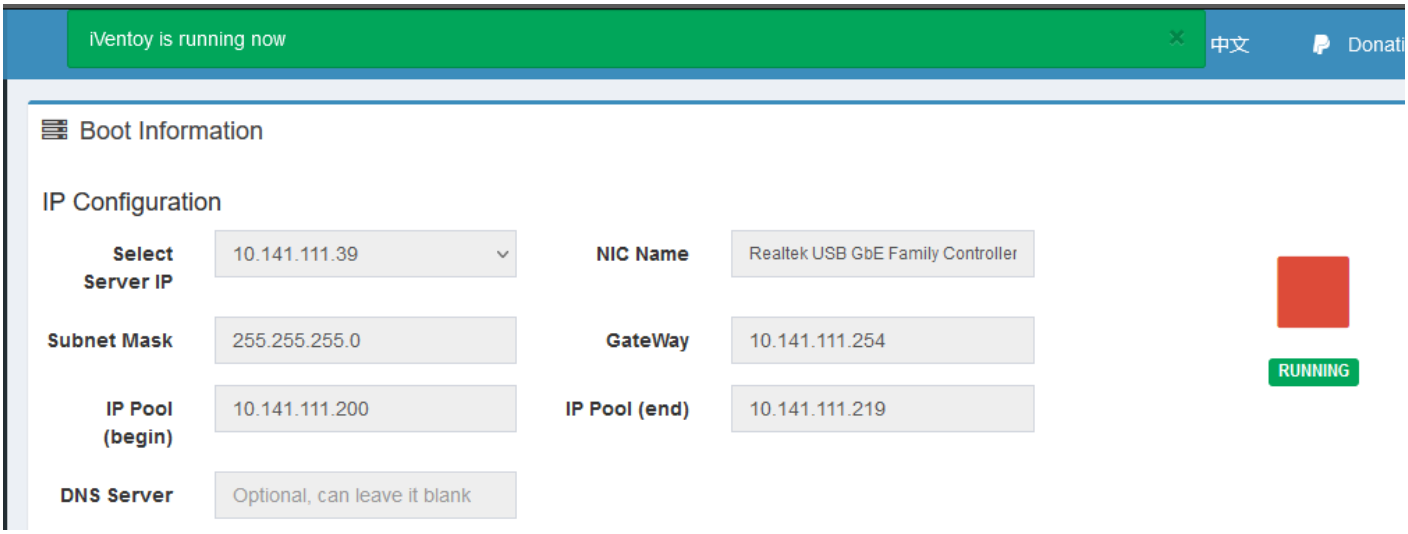
iVentoy ZIP: https://github.com/ventoy/PXE/releases/download/v1.0.19/iventoy-1.0.19-win64-free.zip

Setup iVentoy:

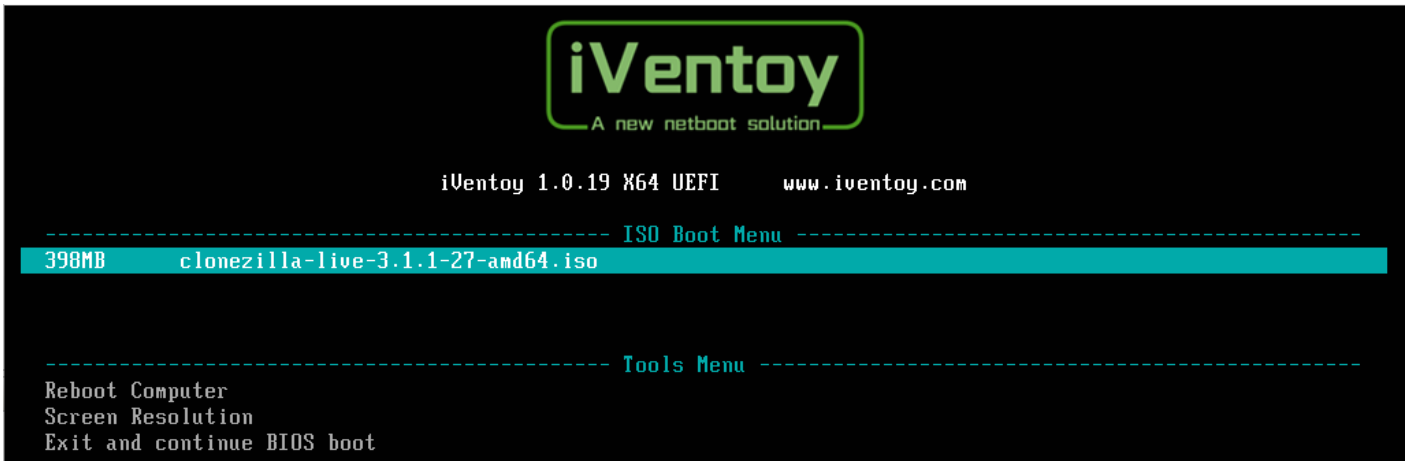
Unpack the iVentoy ZIP and add the CloneZilla ISO to iVentoy's ISO folder.

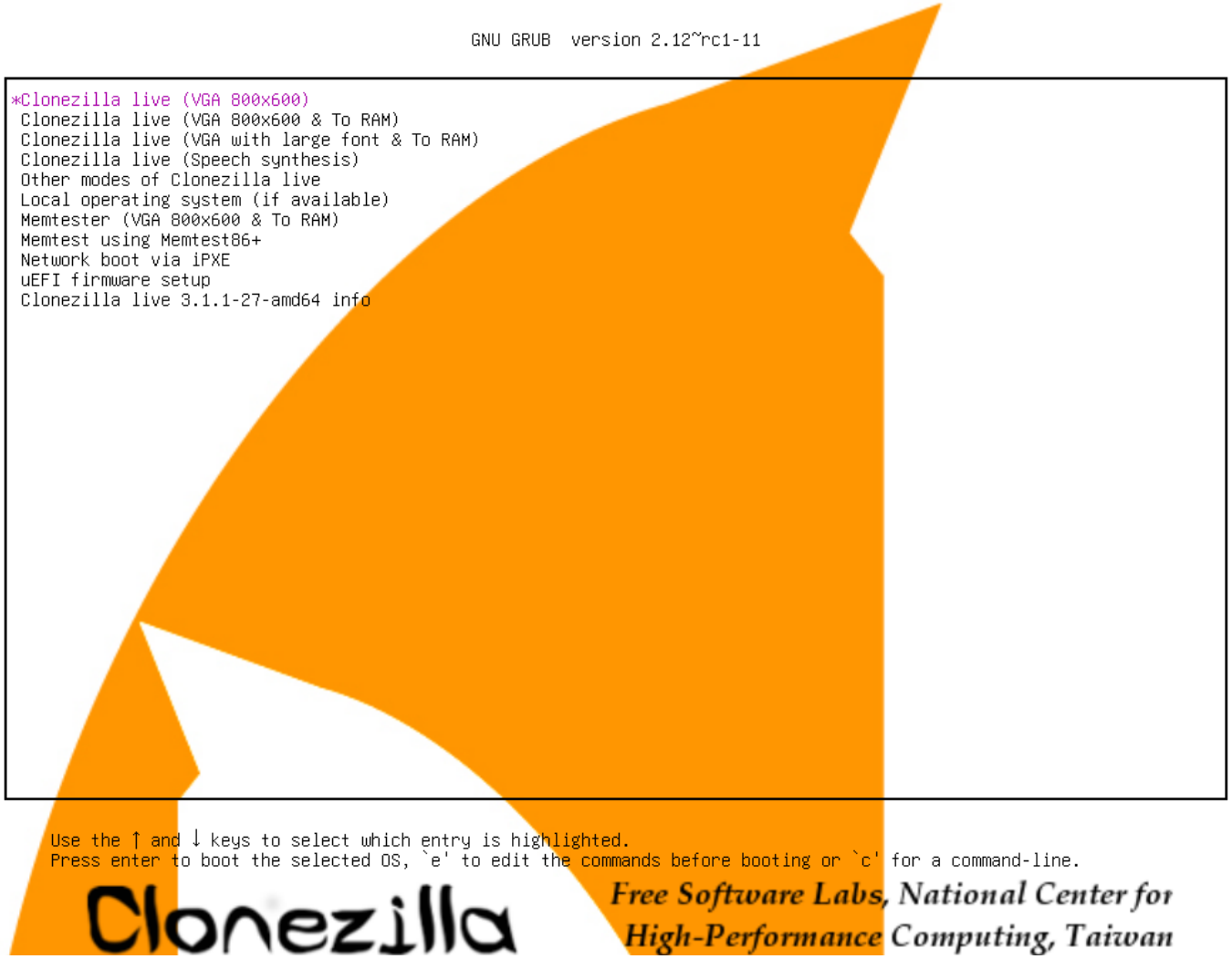


Now start iVentoy by running iVentoy_64.exe, this should open iVentoy's web interface. Here we can start iVentoy's built-in DHCP server to start serving PXE.



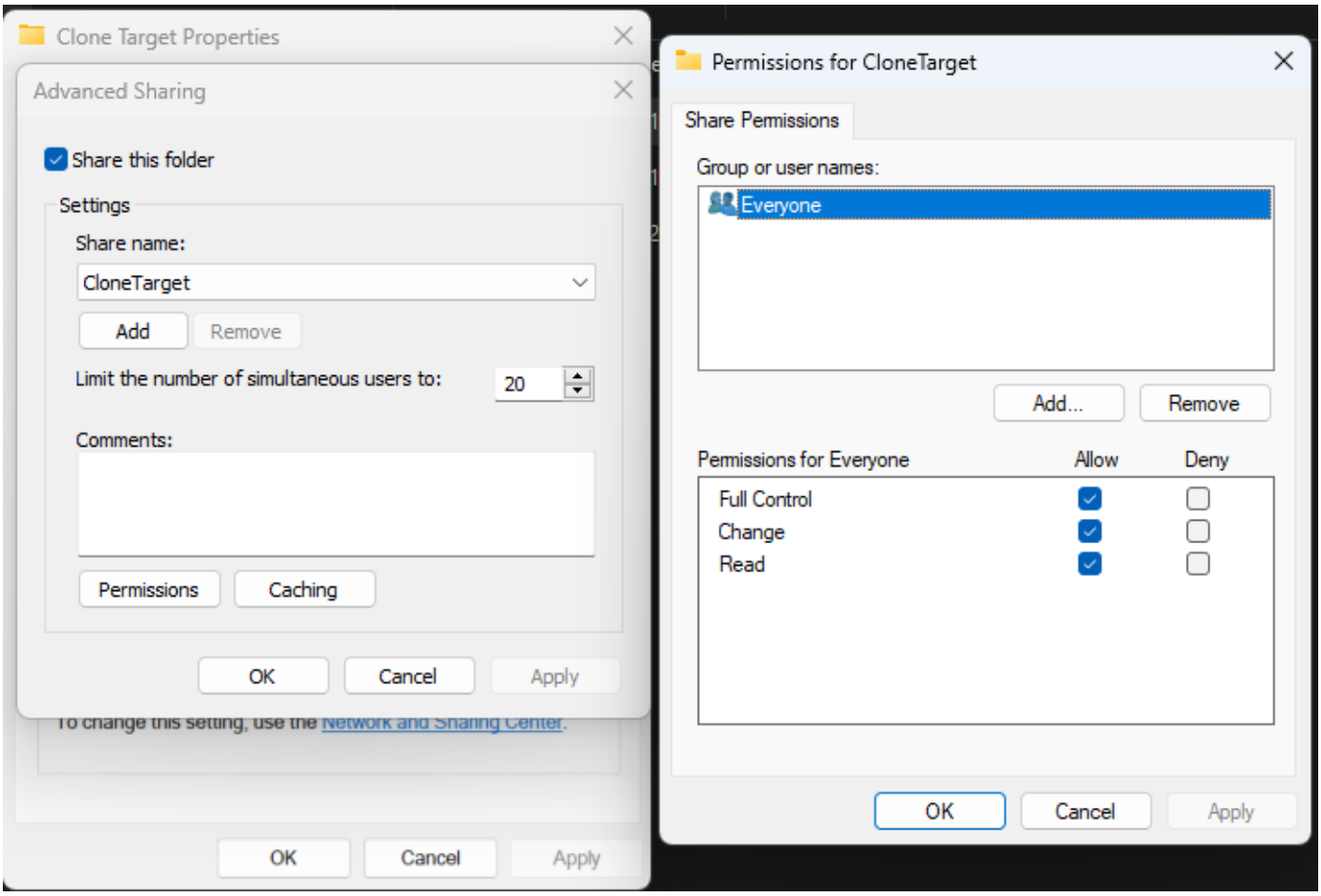
Now you can boot your CloneZilla over PXE on the device you want to clone or restore.





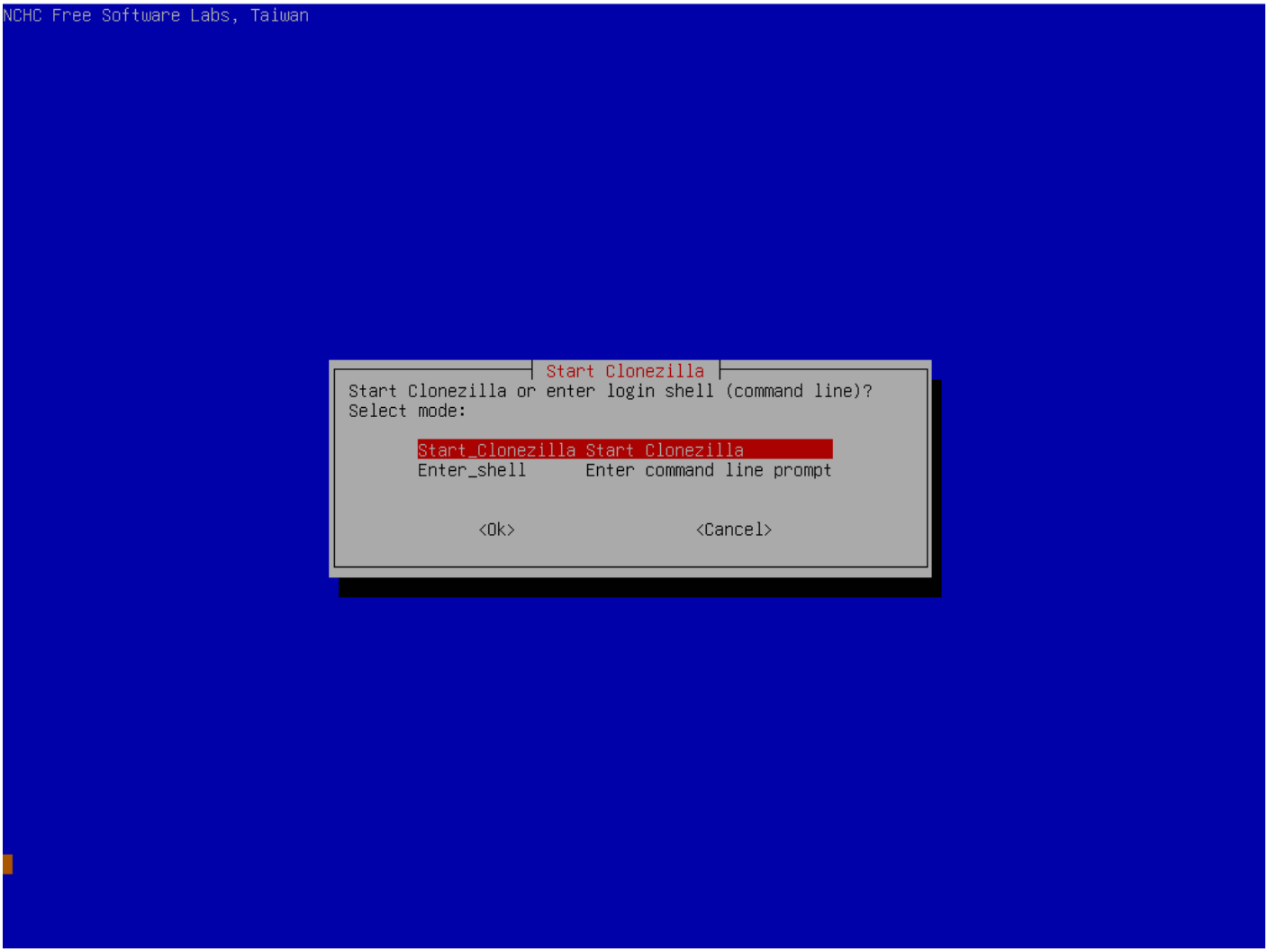
SMB share

Create a SMB-share on the Windows machine running iVentoy, this share will be used as a target for the disk cloning or source for restoring a disk image.

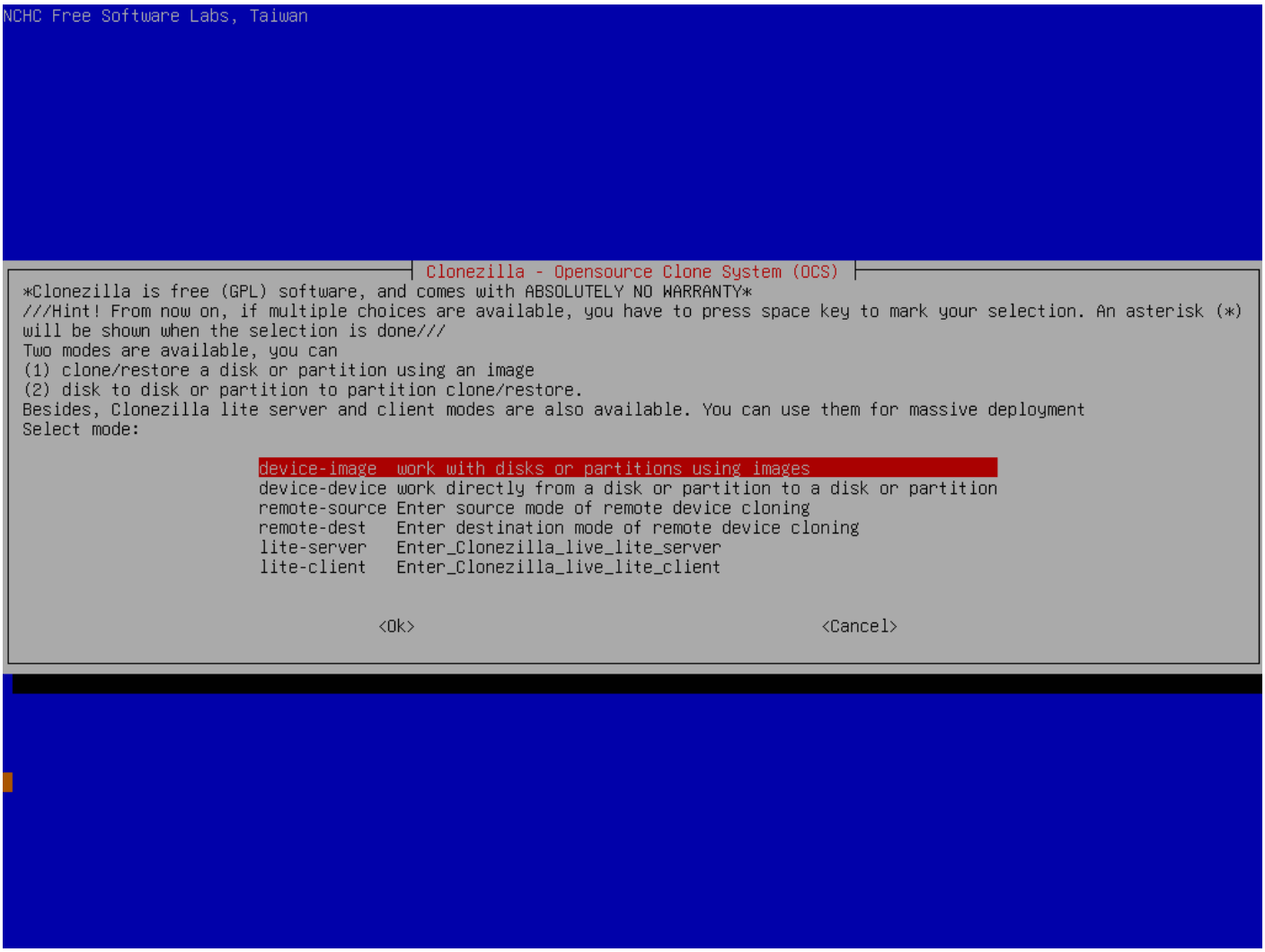


CloneZilla

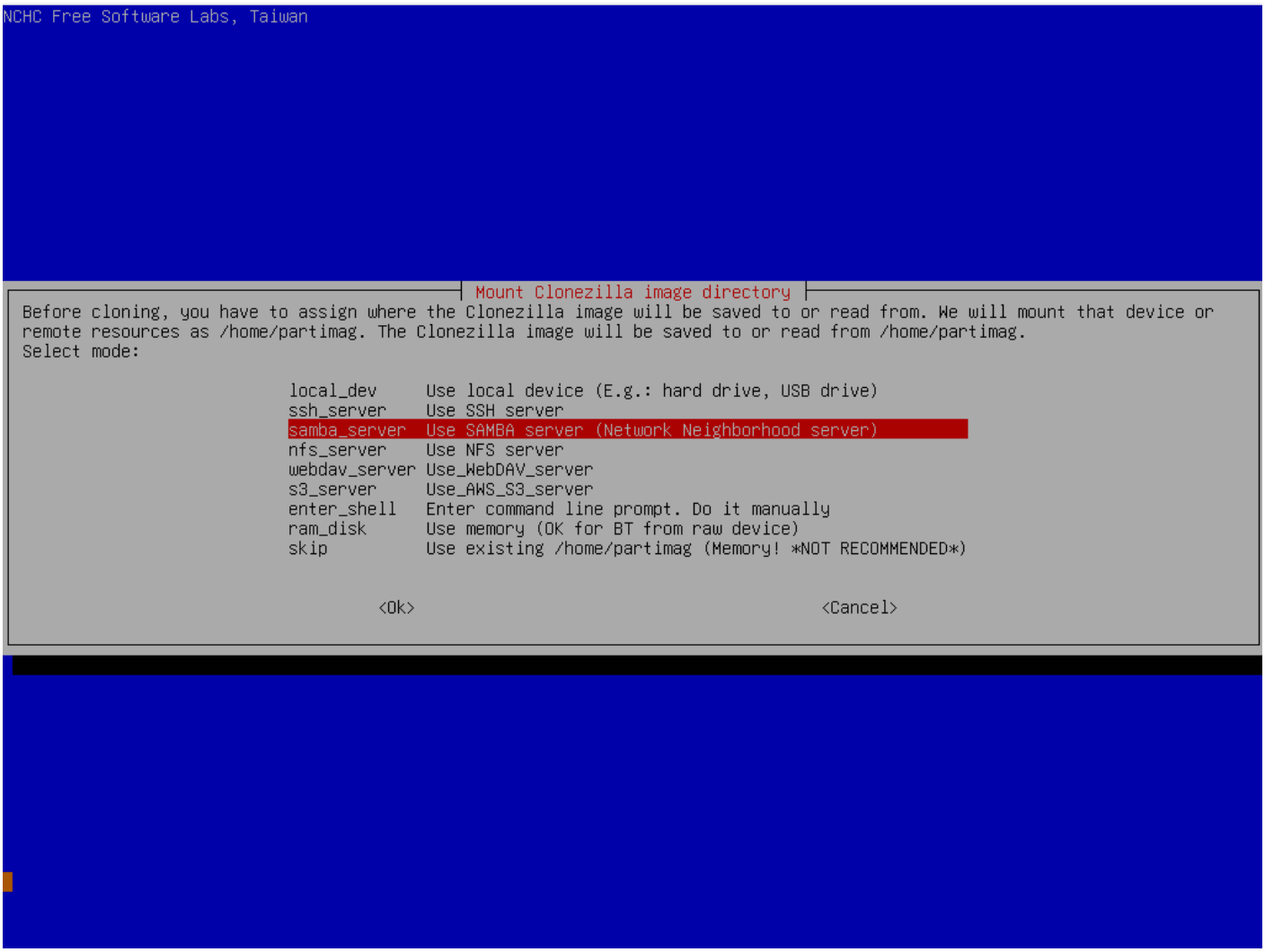
Start CloneZilla.



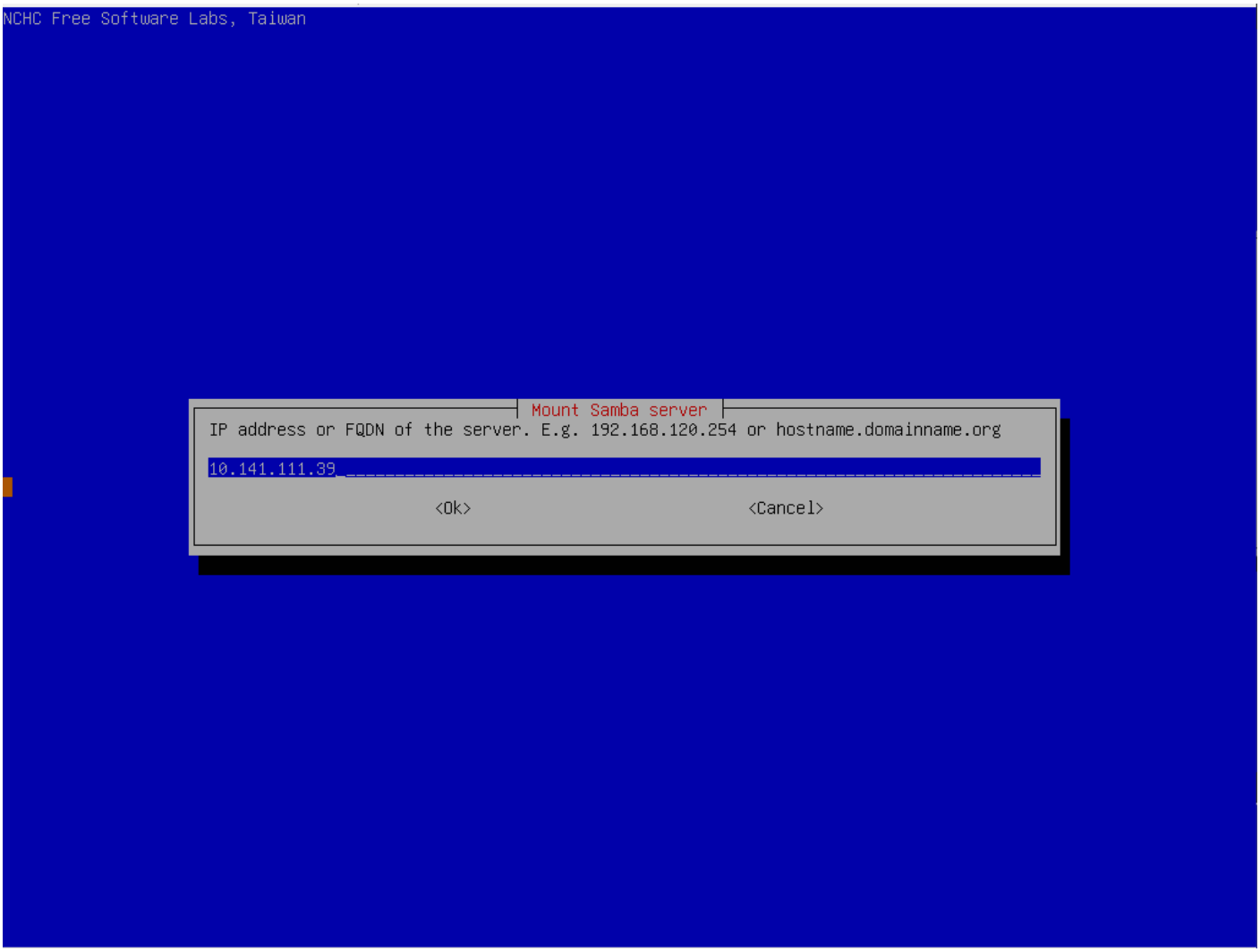
Select device-image.



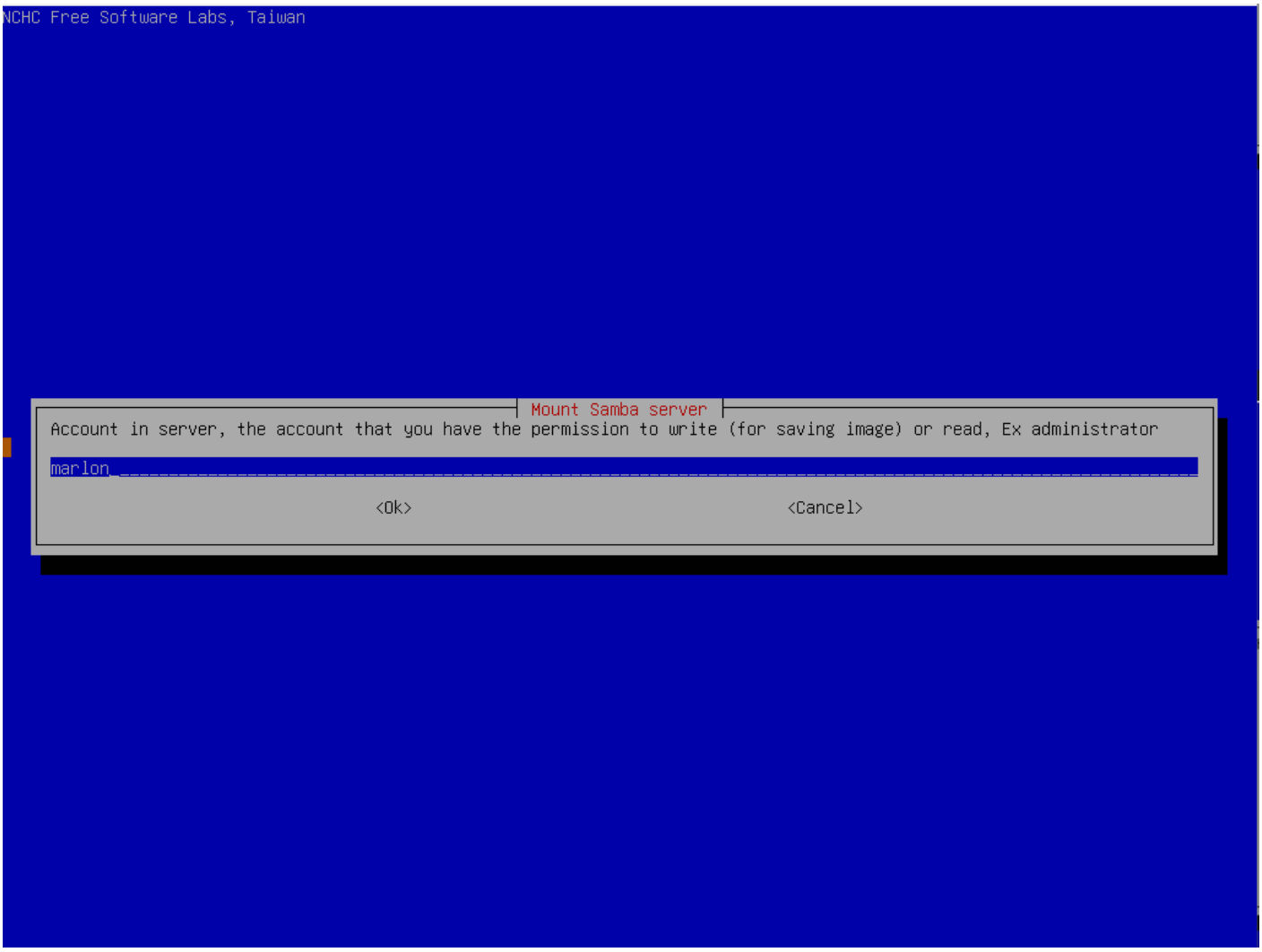
Select samba_server.



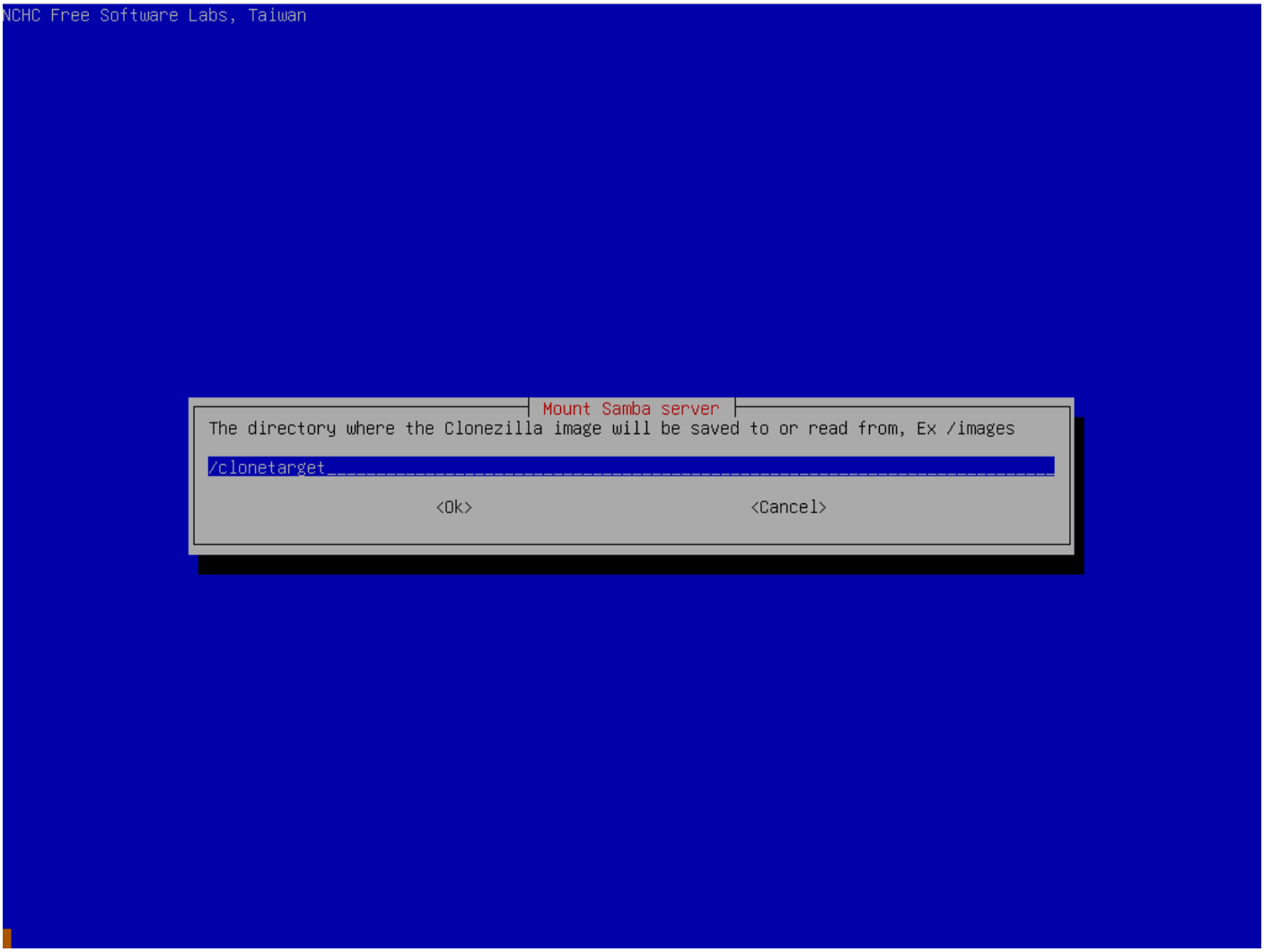
Enter the IP of the device that serves the SMB-share.



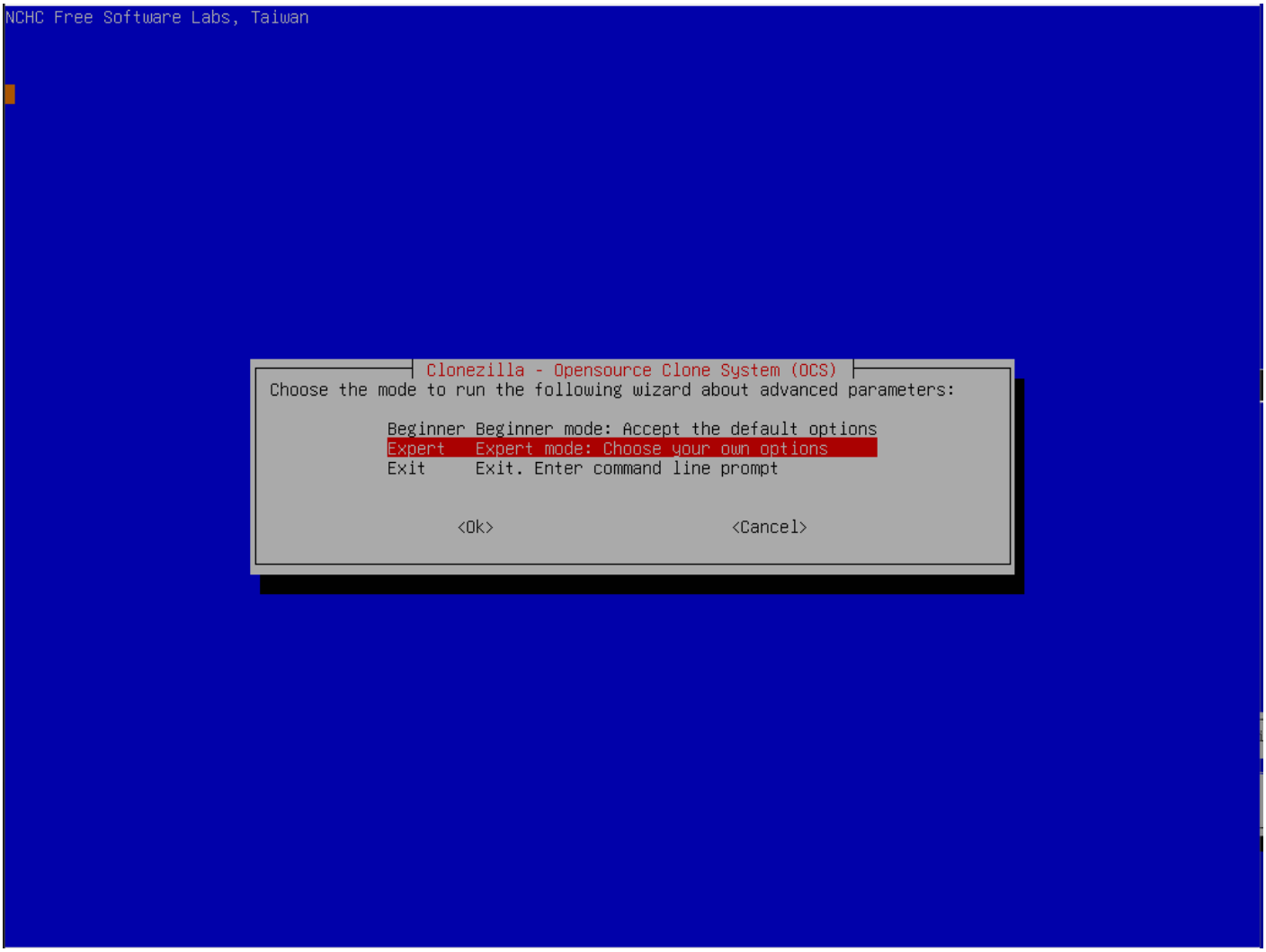
Enter the SMB-share username.



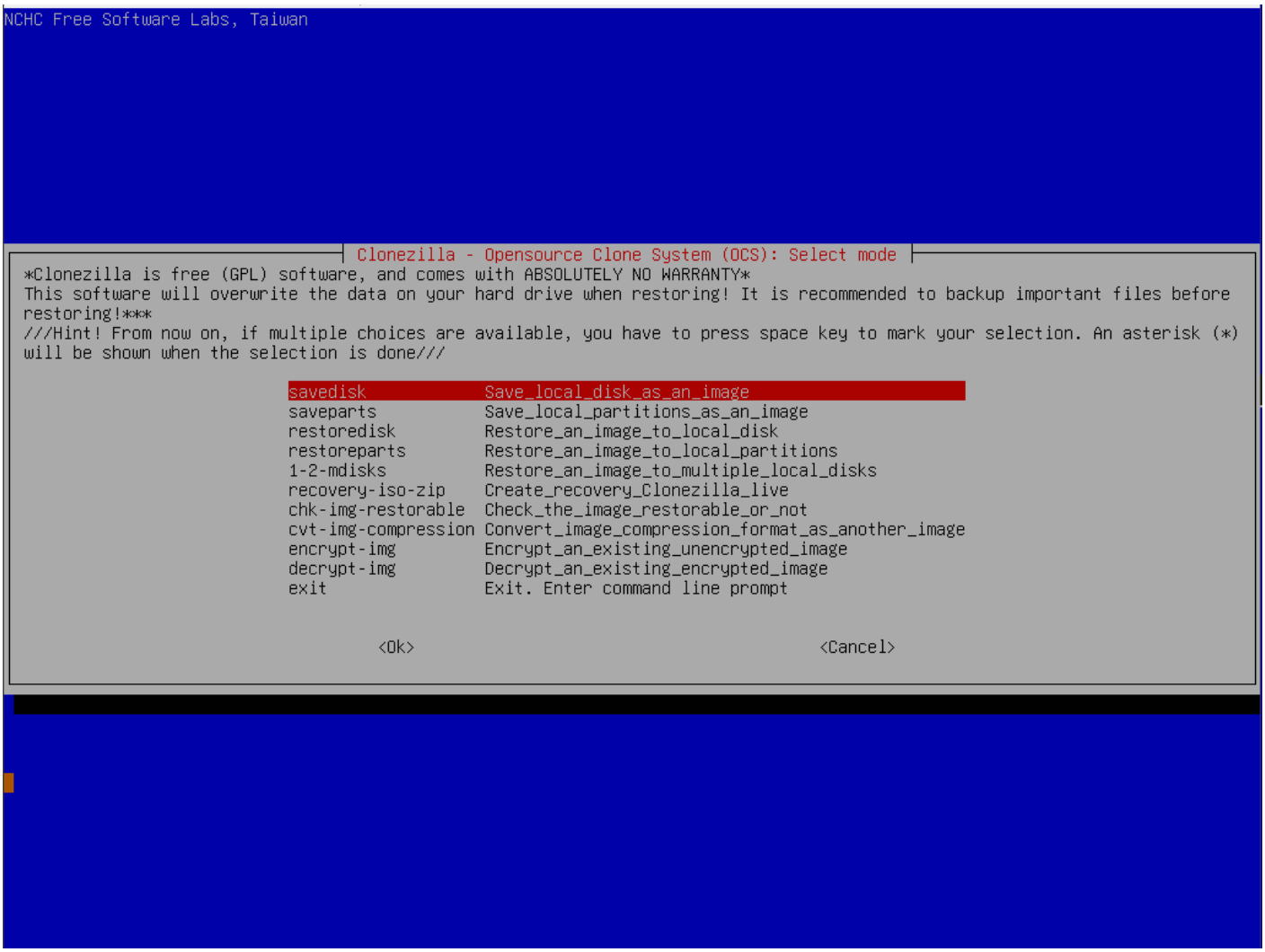
Enter the SMB-share path, after this you will be prompted for your account password.



Select export mode.



Select either savedisk or restoredisk, savedisk will save the disk image to the SMB-share, restoredisk will allow for restoring disk images from the SMB-share.


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
restoredisk Restore_an_image_to_local_disk
restoreparts Restore_an_image_to_local_partitions
1-2-mdisks Restore_an_image_to_multiple_local_disks
recovery-iso-zip Create_recovery_Clonezilla_live
chk-img-restorable Check_the_image_restorable_or_not
cvt-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>