

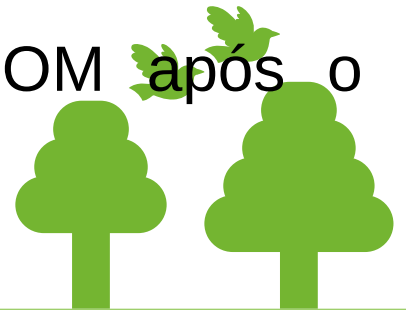
# Tutorial para converter a imagem salva no NFS em ISO inicializável com o clonezilla

- Este tutorial sintético em “prints” é continuação do tutorial 4-BackupDoHDEmImagem e continua com o boot do arquivo ISO do clonezilla baixado do site.
- Este passo é irrelevante se for usado um NFS-server na rede com IP conhecido, bastando seguir o tutorial 5-RecoveryImagemDoNFS-server.

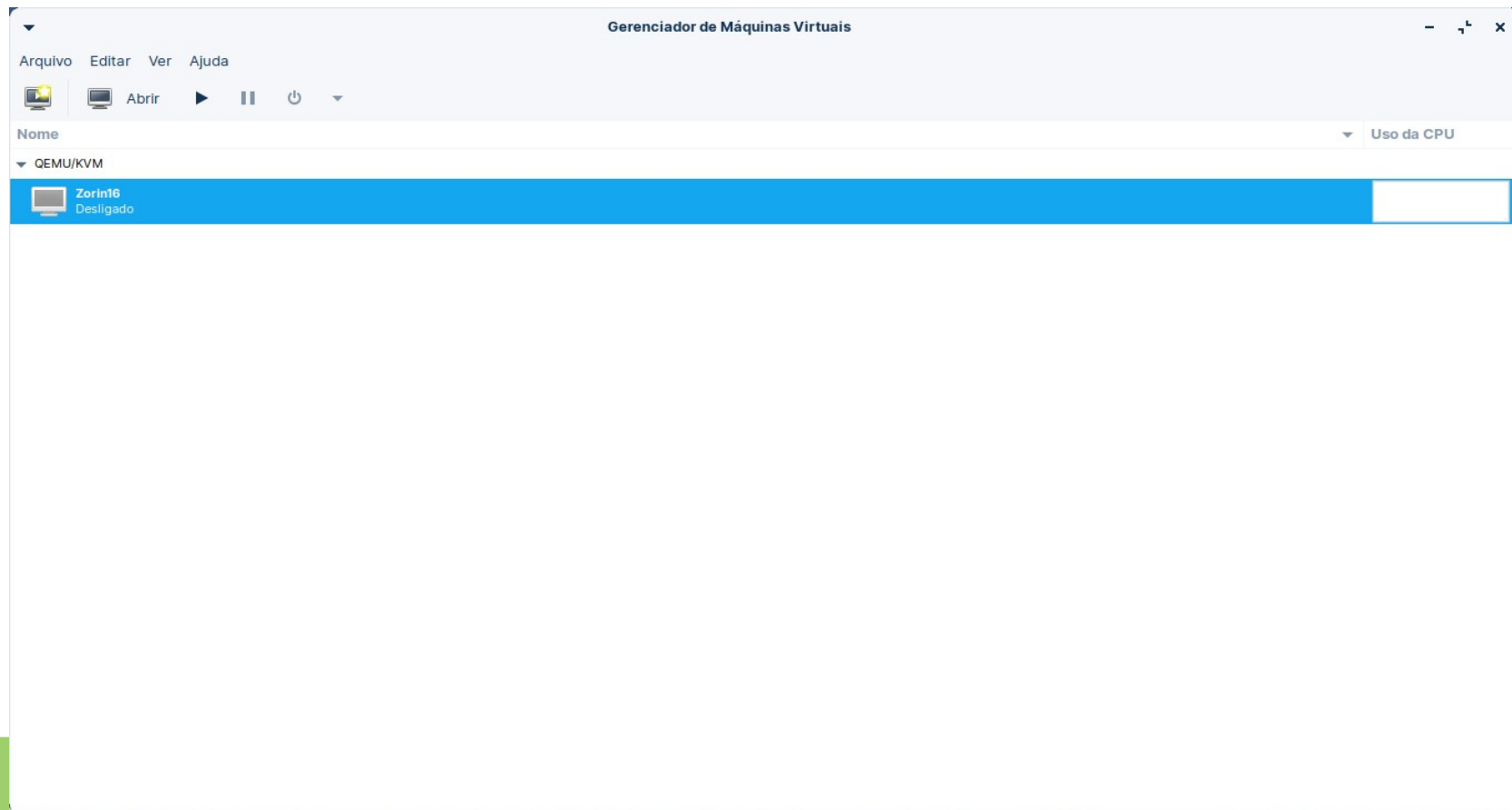


# Requisitos iniciais da conversão da imagem em ISO inicializável

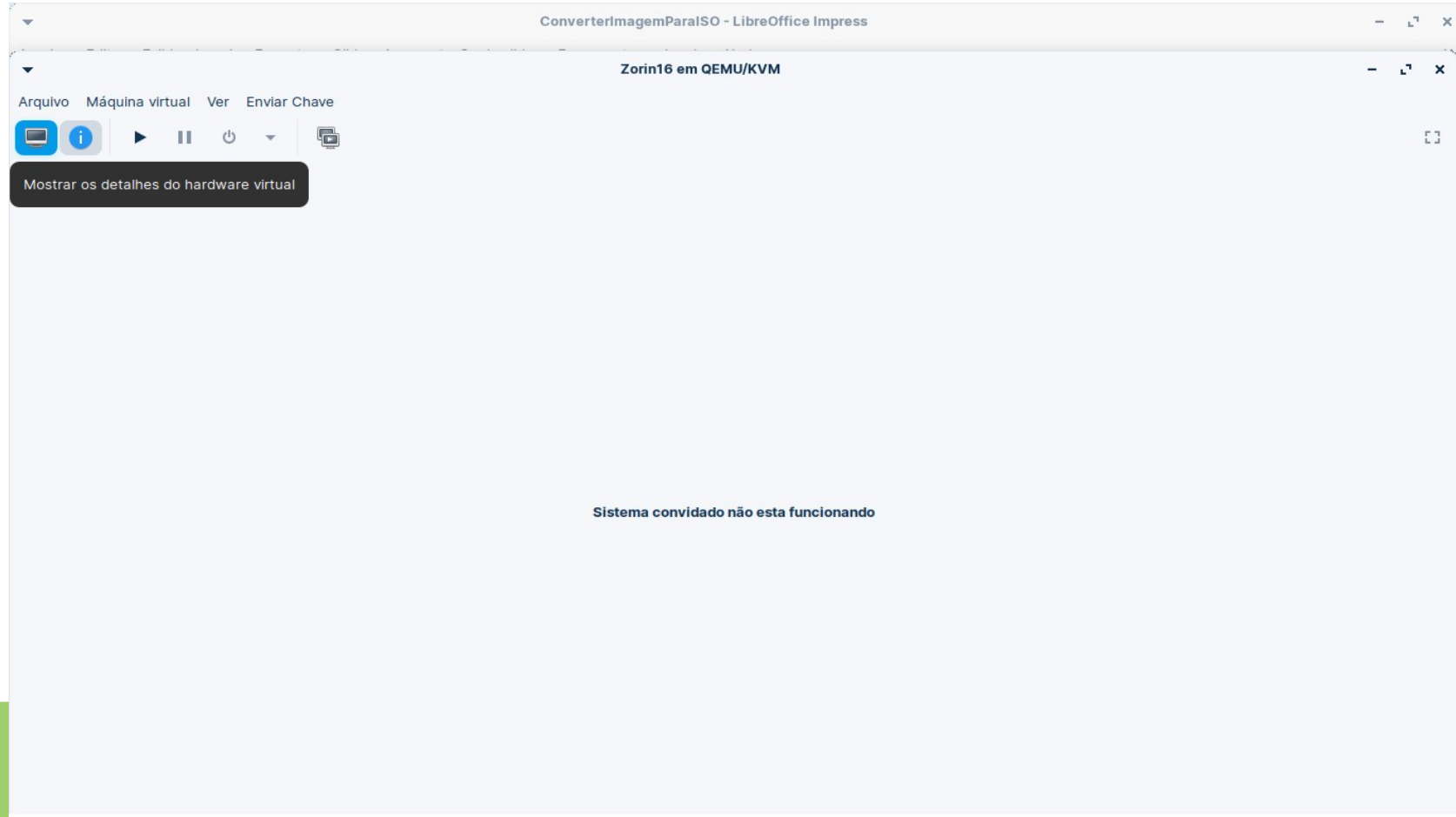
- Baixar na pasta Downloads o arquivo em formato ISO do clonezilla.
- A VM deve estar configurada para que o Source path do CD-ROM aponte para o arquivo ISO do clonezilla, na pasta Downloads.
- Não esqueça de desabilitar o boot pelo CD-ROM após o desligamento da VM.



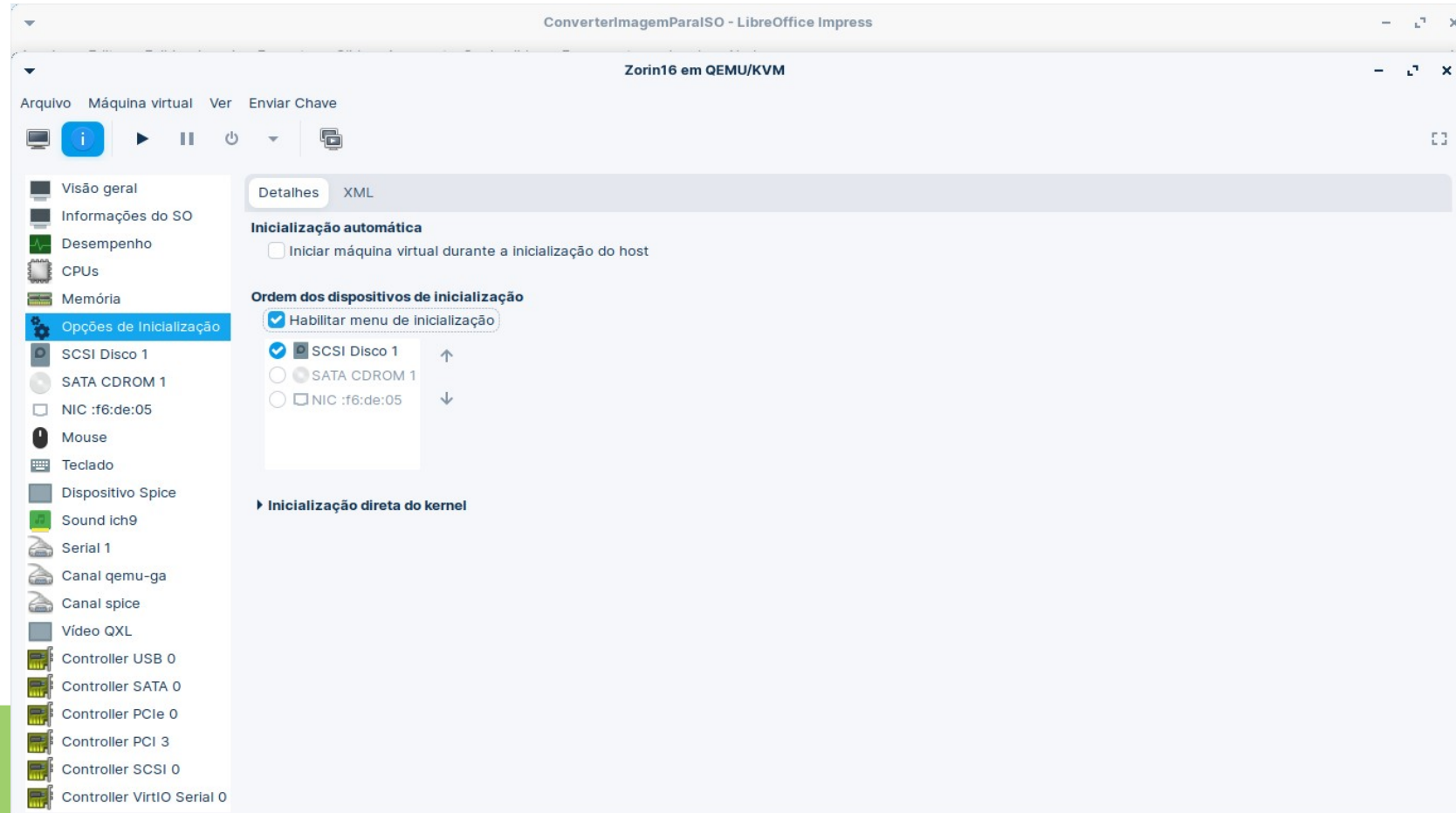
# Selecionar a VM para gerar a imagem ISO inicializável



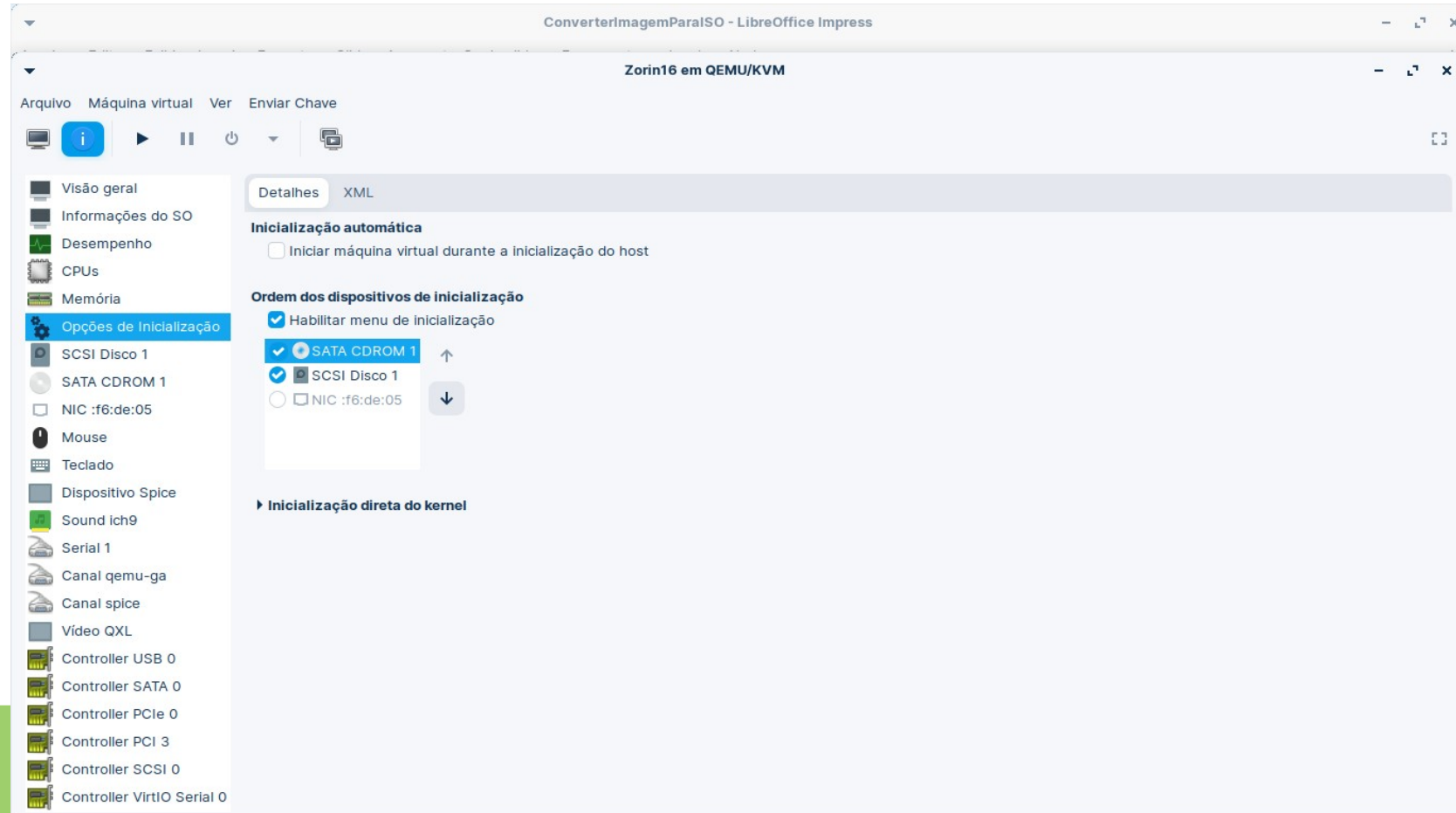
# Clicar em Mostrar detalhes do hardware virtual



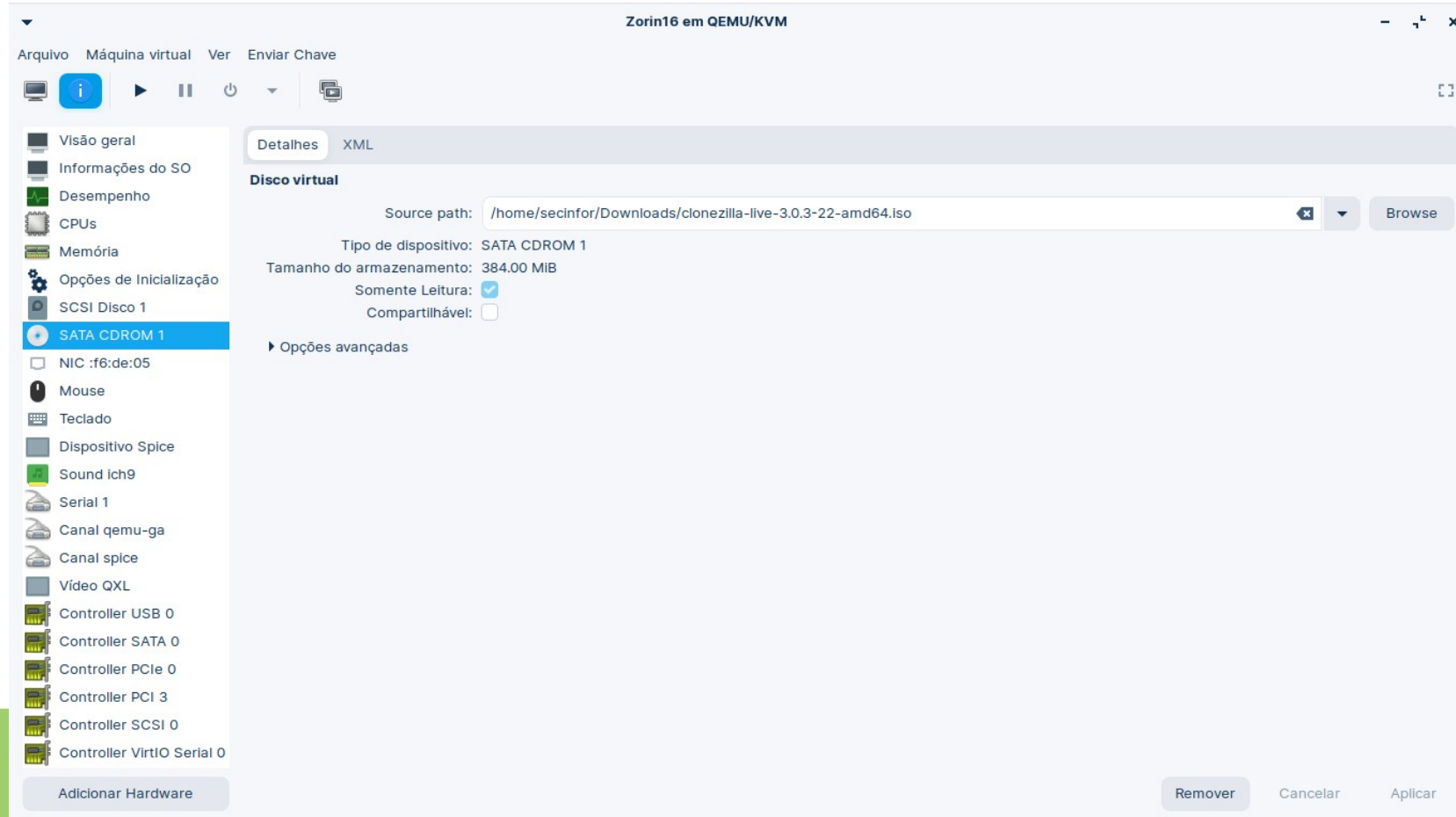
# Ativar Habilitar menu de inicialização



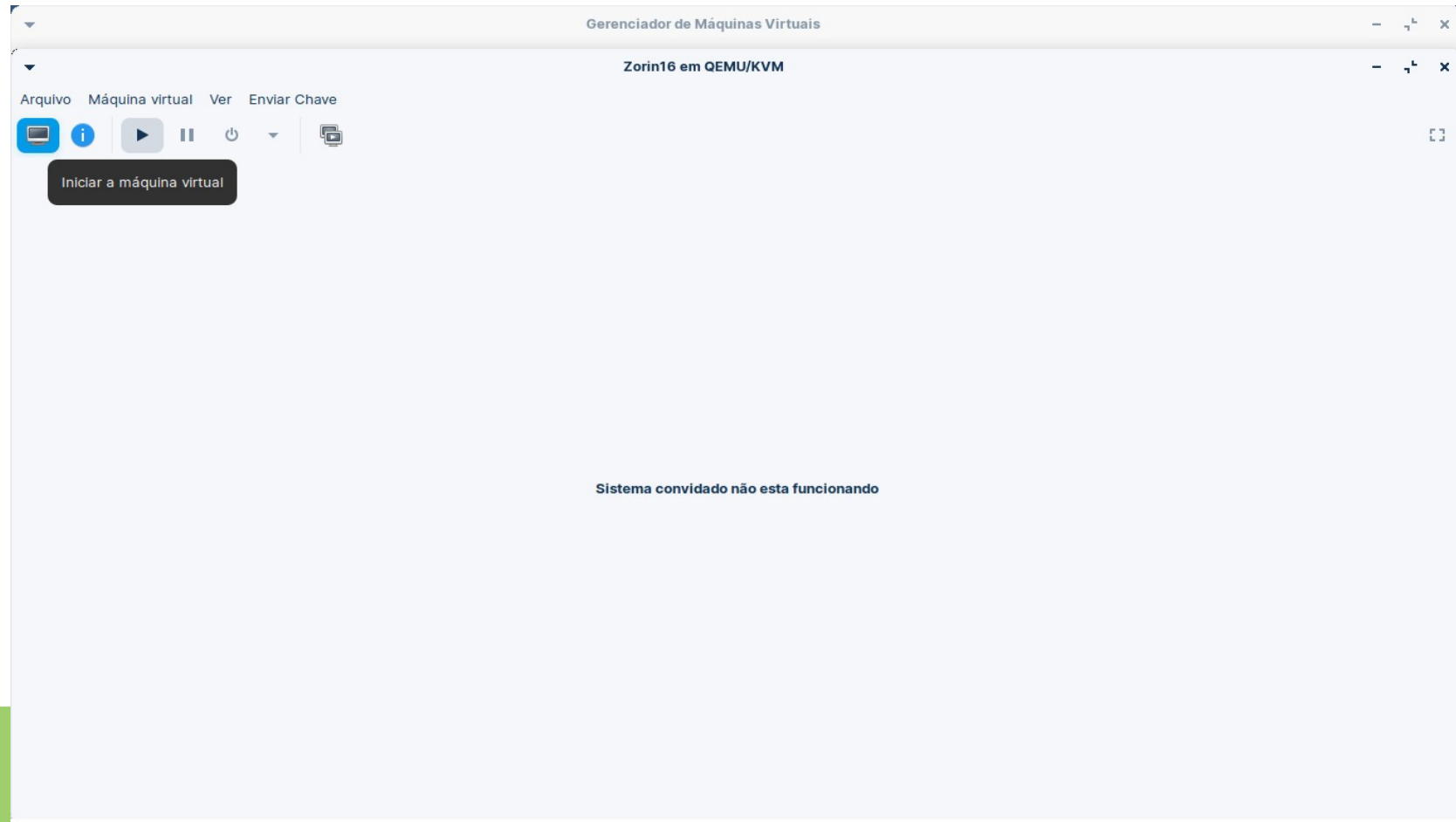
# Habilitar e mover para cima o drive CD-ROM



# Alterar o arquivo em SATA CD-ROM 1 para o caminho do ISO do clonezilla

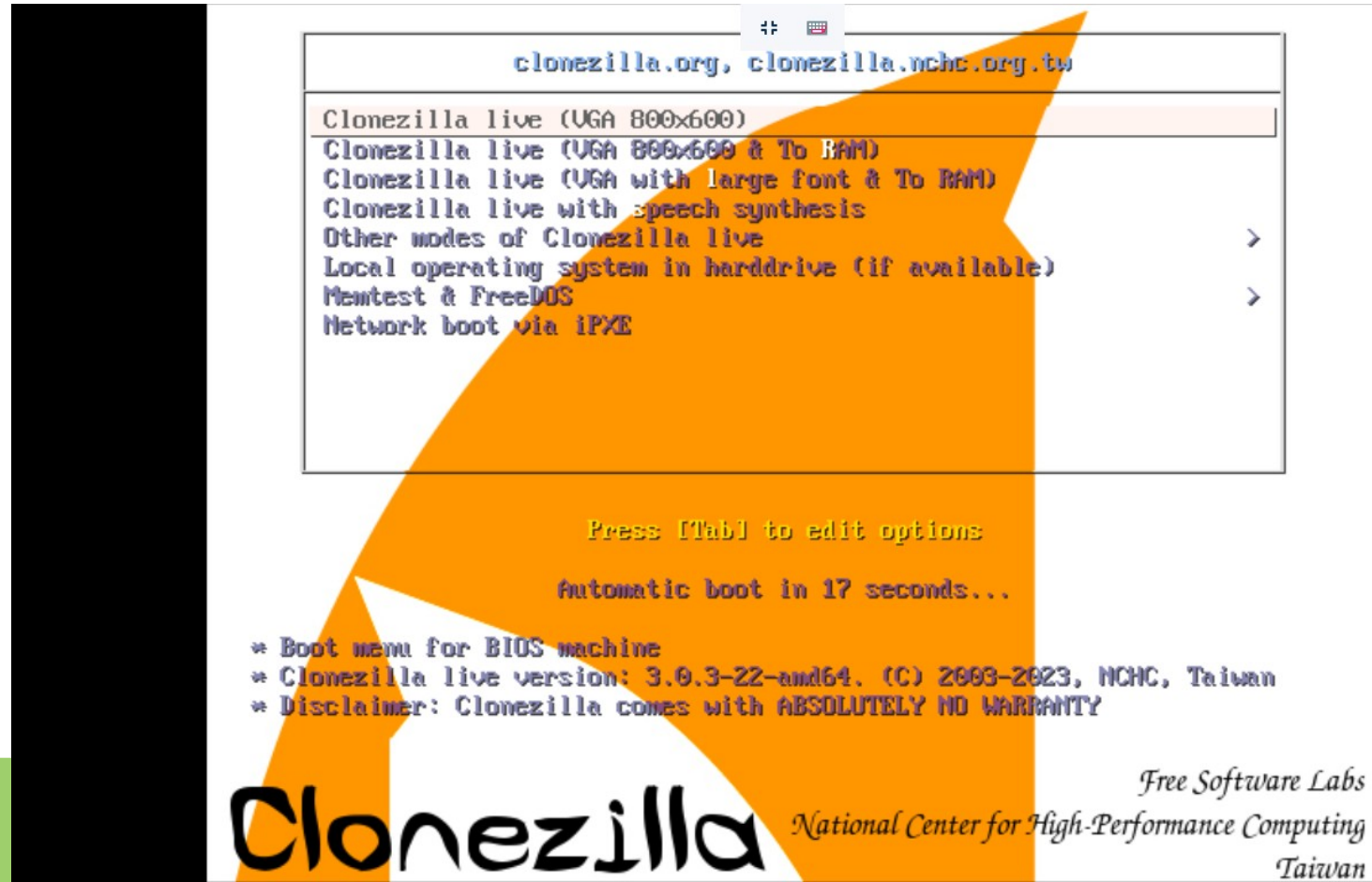


# Clicar em Iniciar a máquina virtual

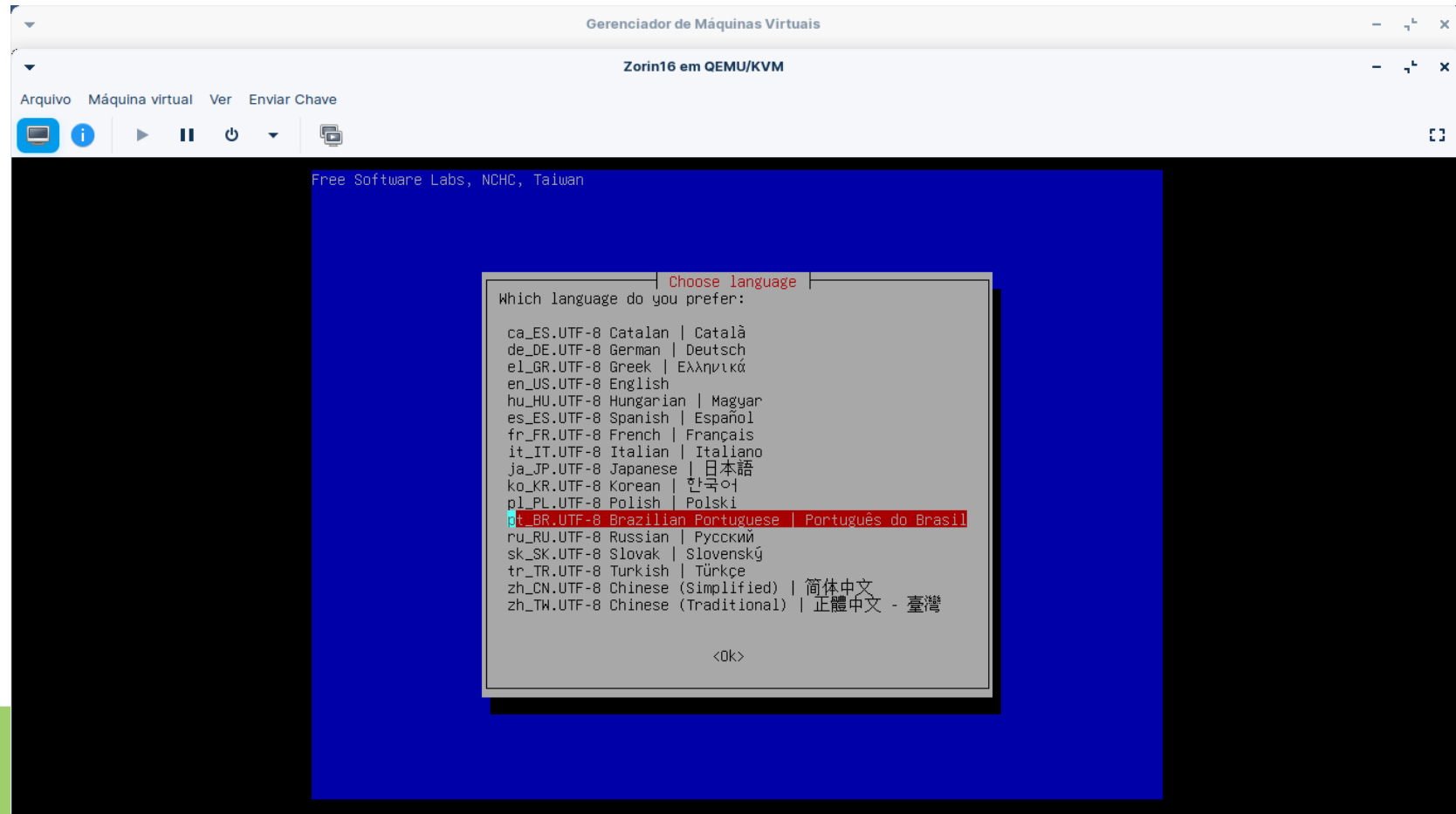




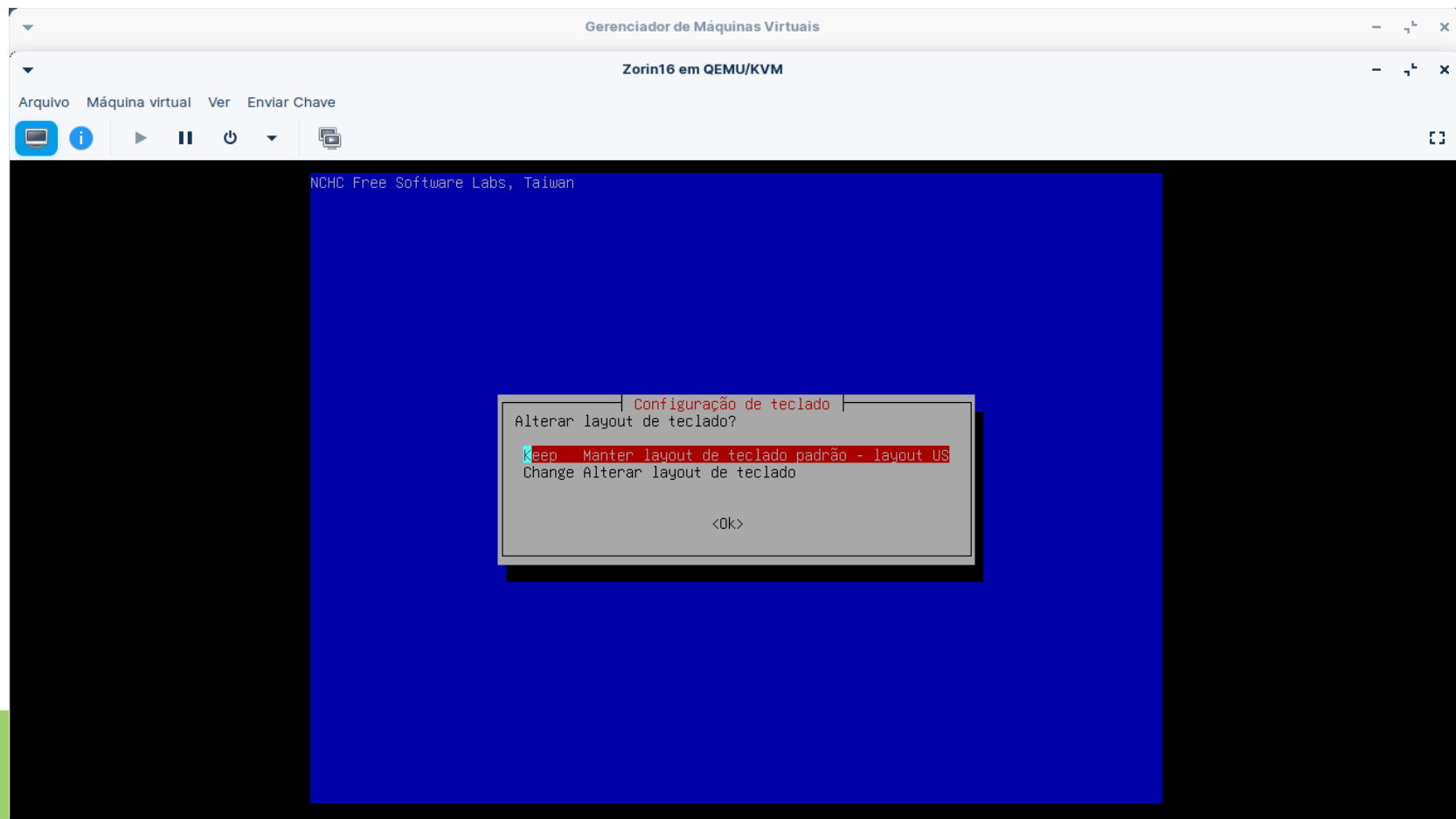
# Aguardar tela de boot do clonezilla e teclar ENTER



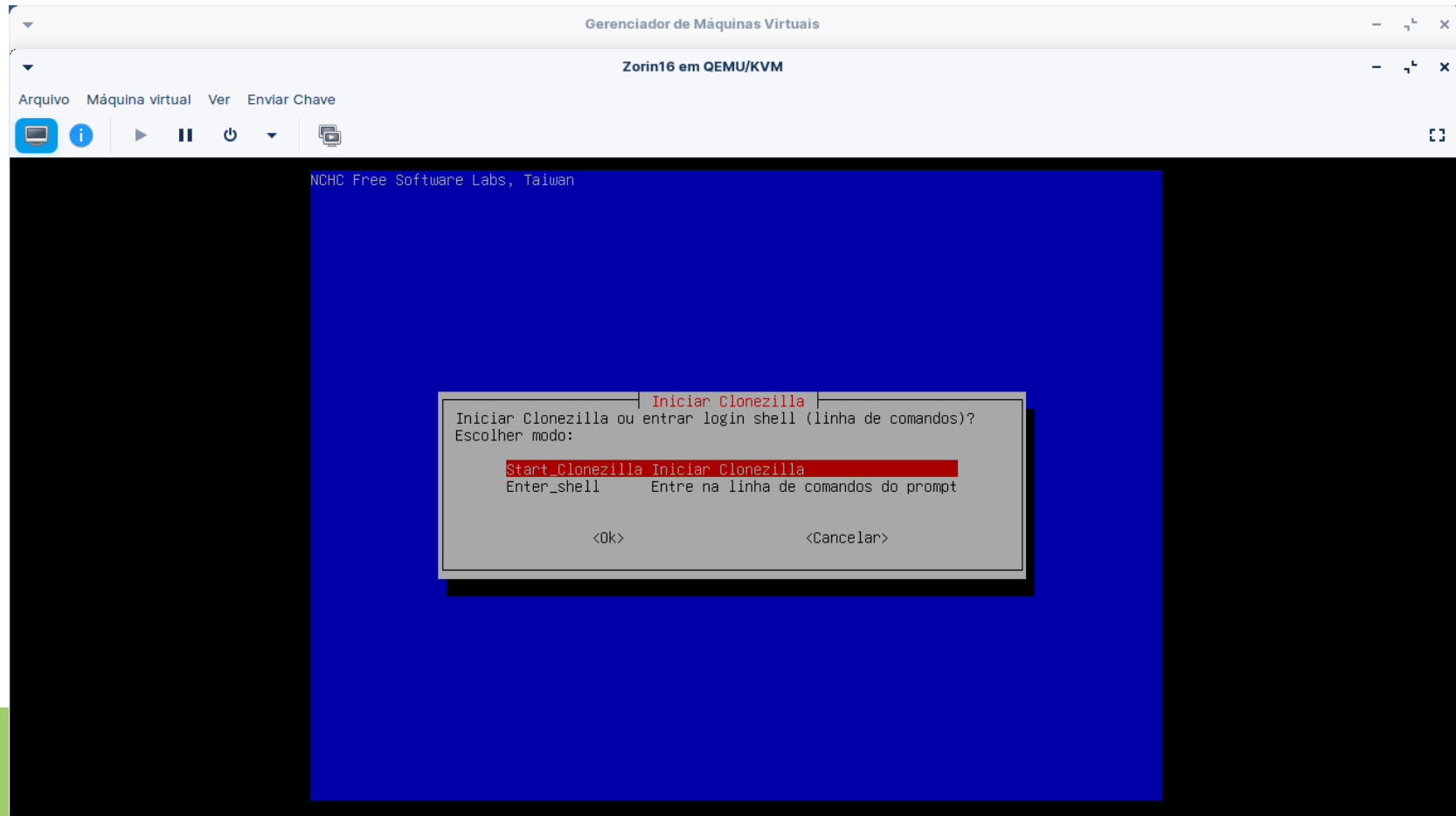
# Selecionar a linguagem e tecle Enter



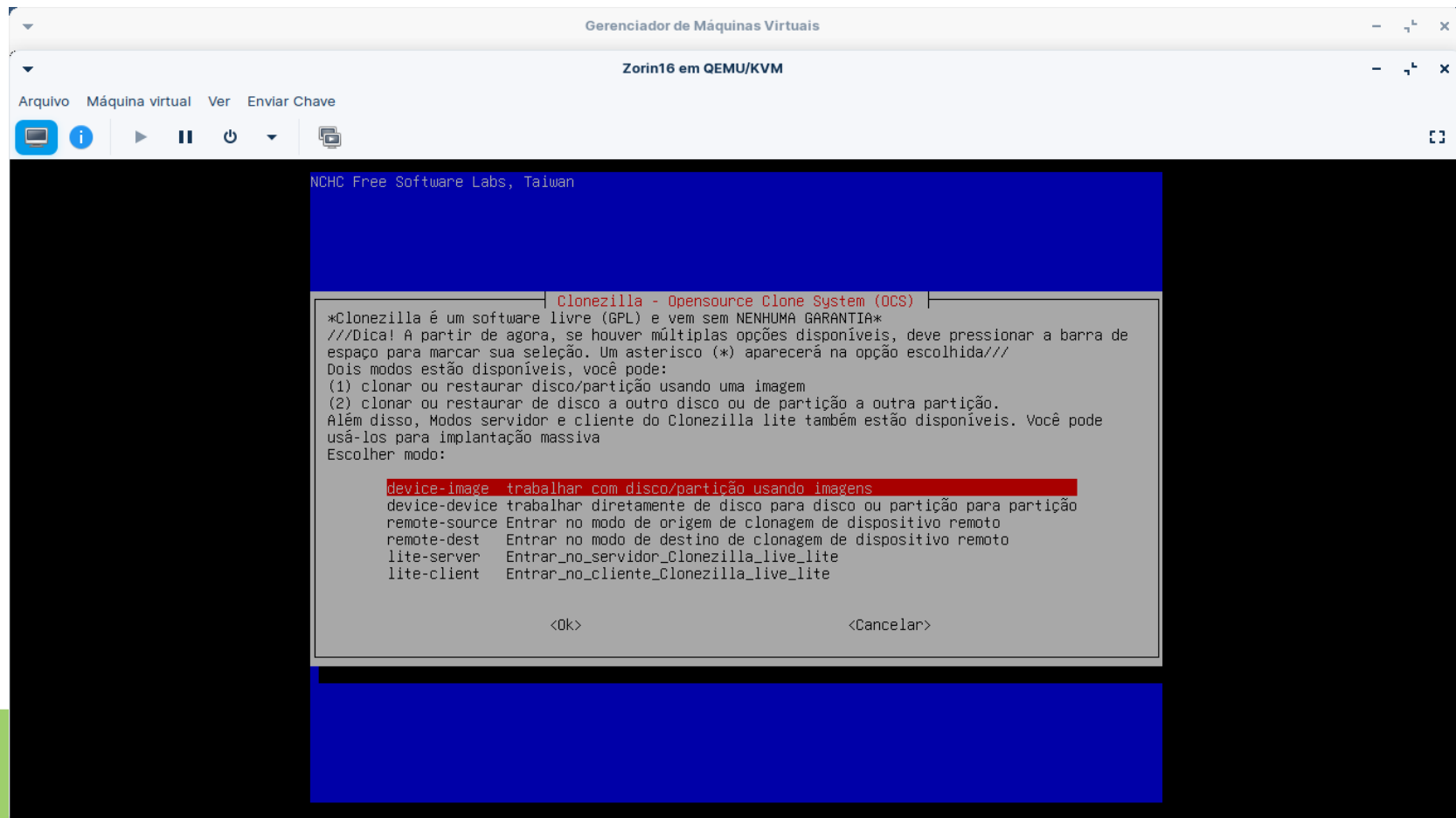
# Teclar Enter para manter o layout



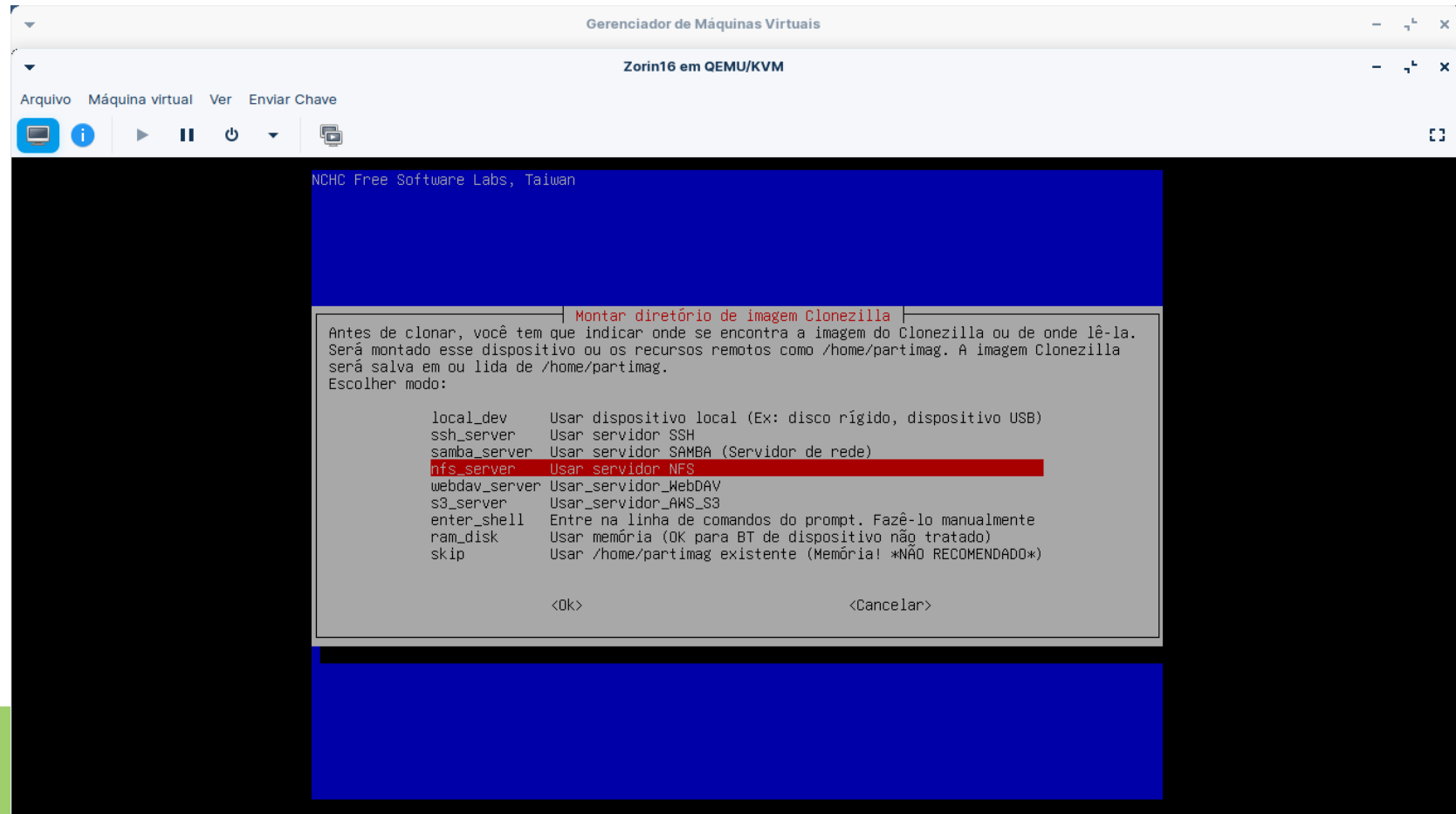
# Teclar Enter



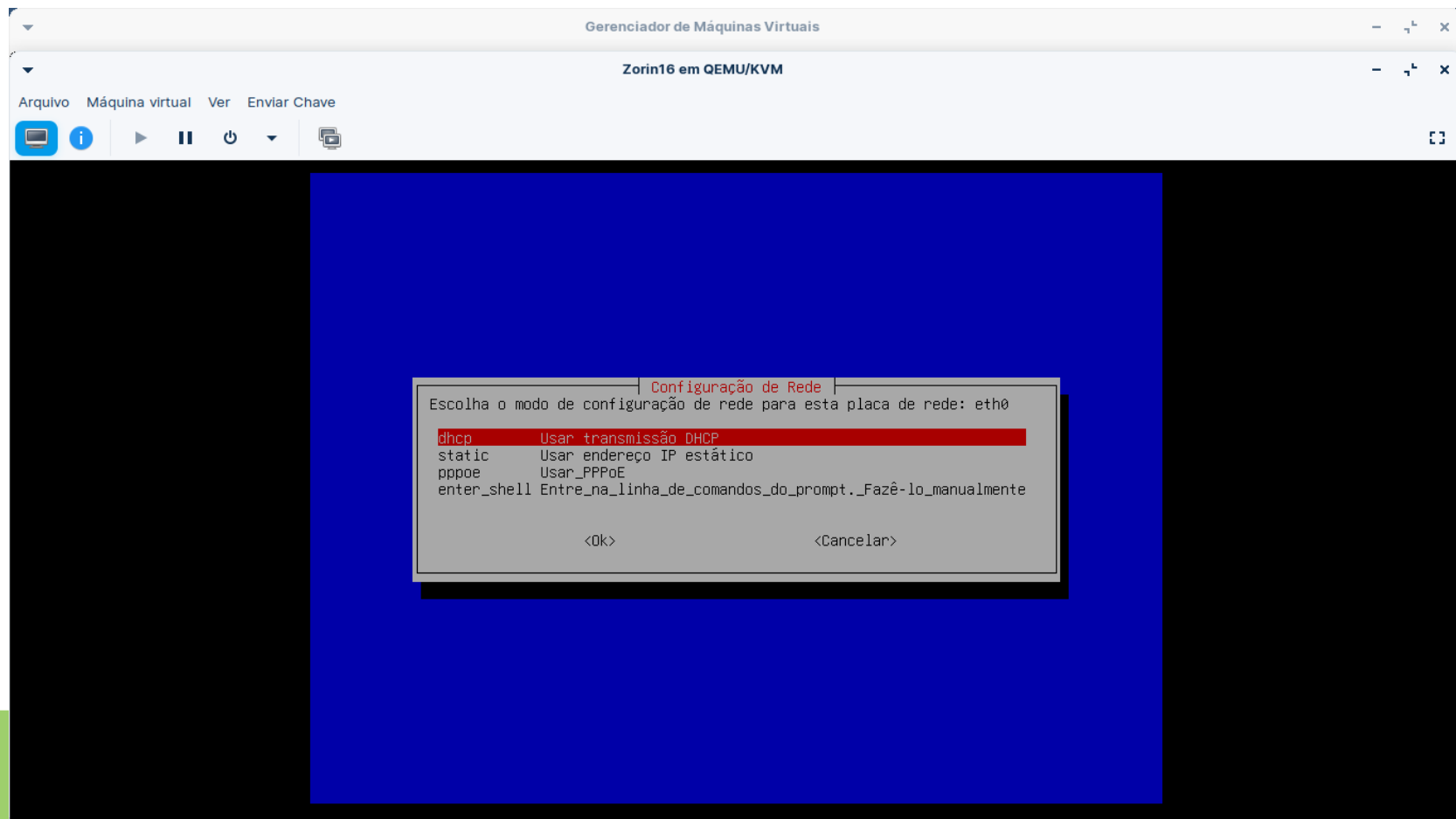
# Selecionar device-image e teclar Enter



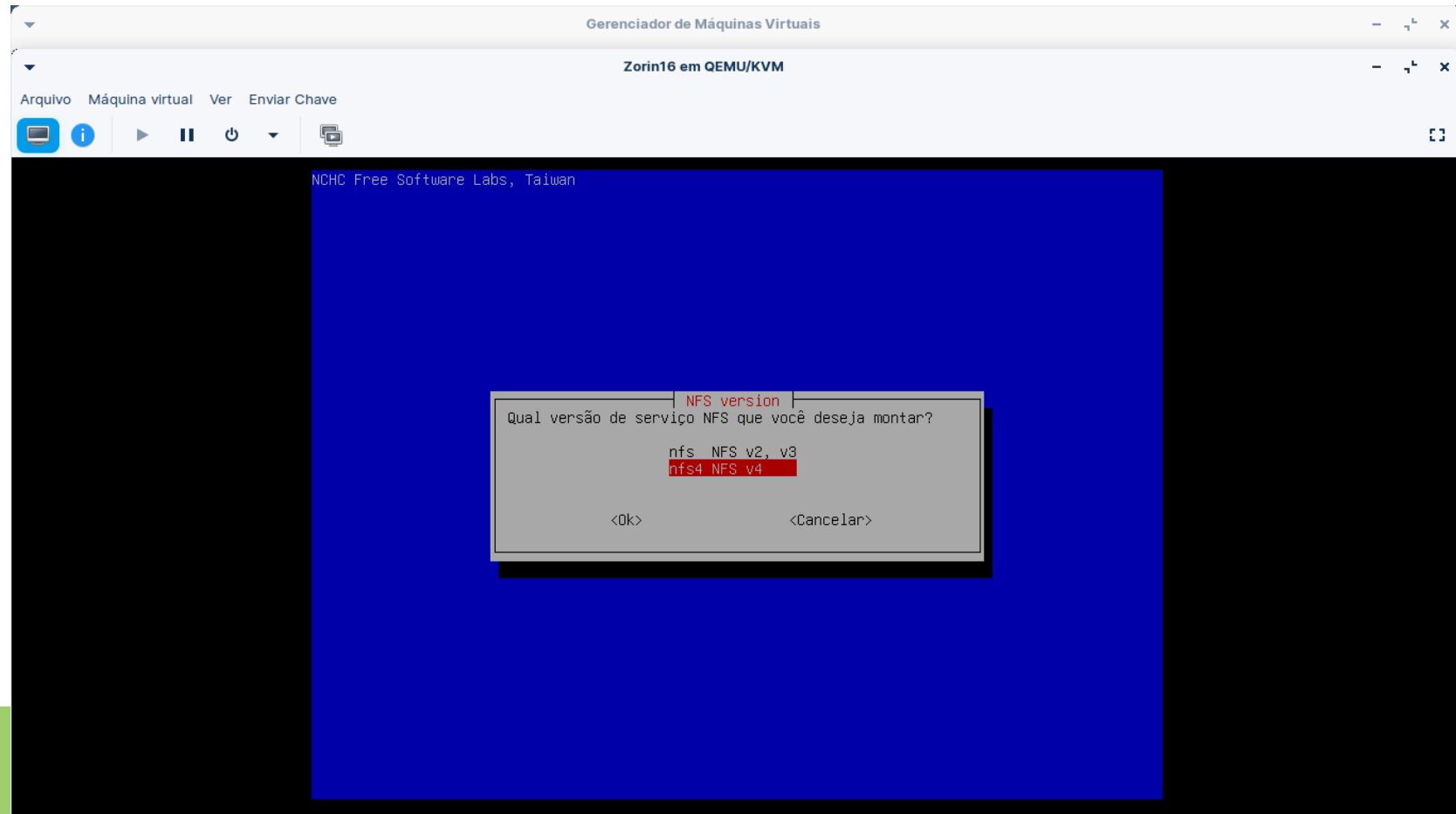
# Selecionar nfs-server e teclar ENTER



# Teclar Enter ou definir um IP estático



# Selecionar nfs4 NFS V4 e teclar Enter

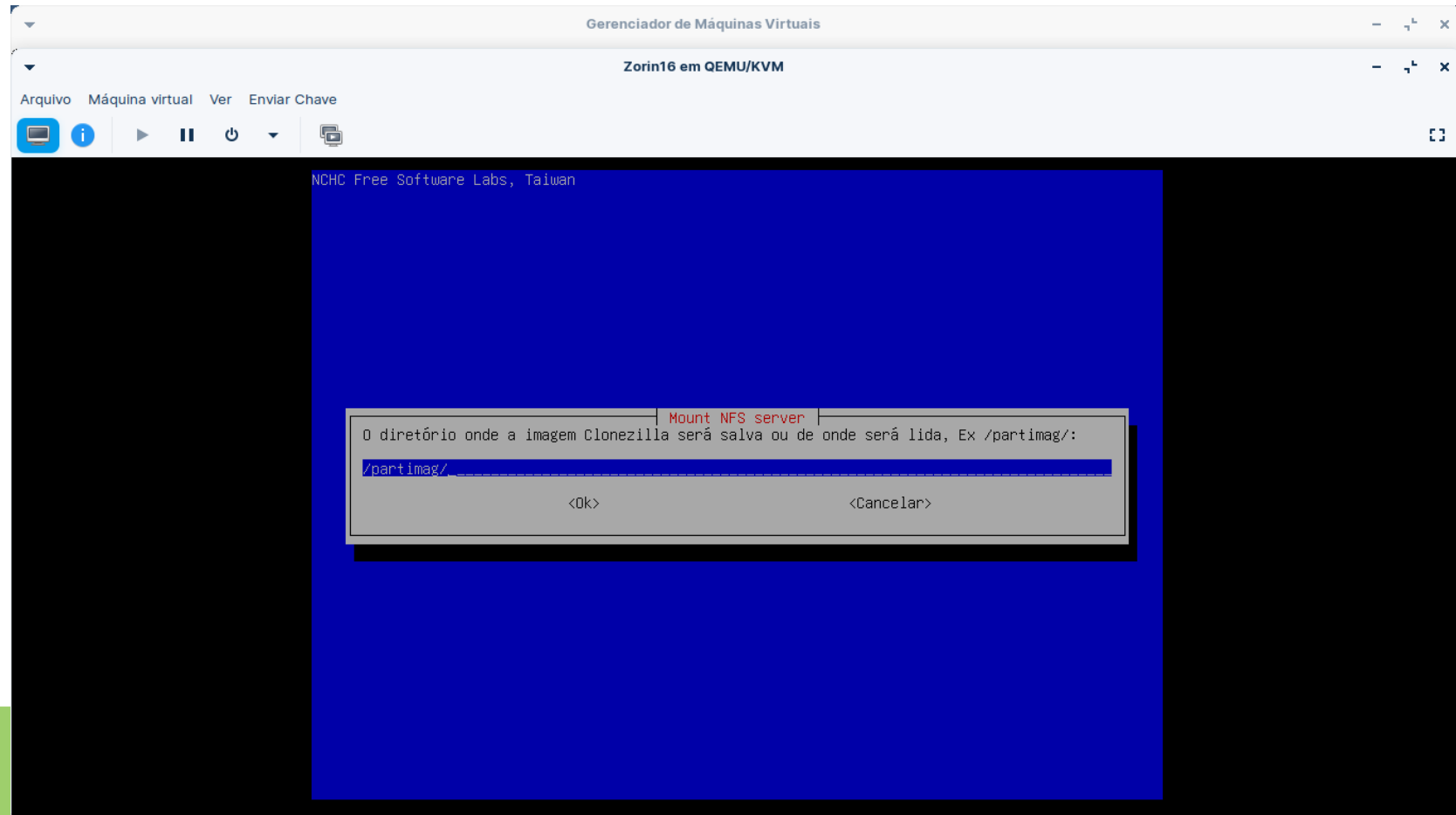




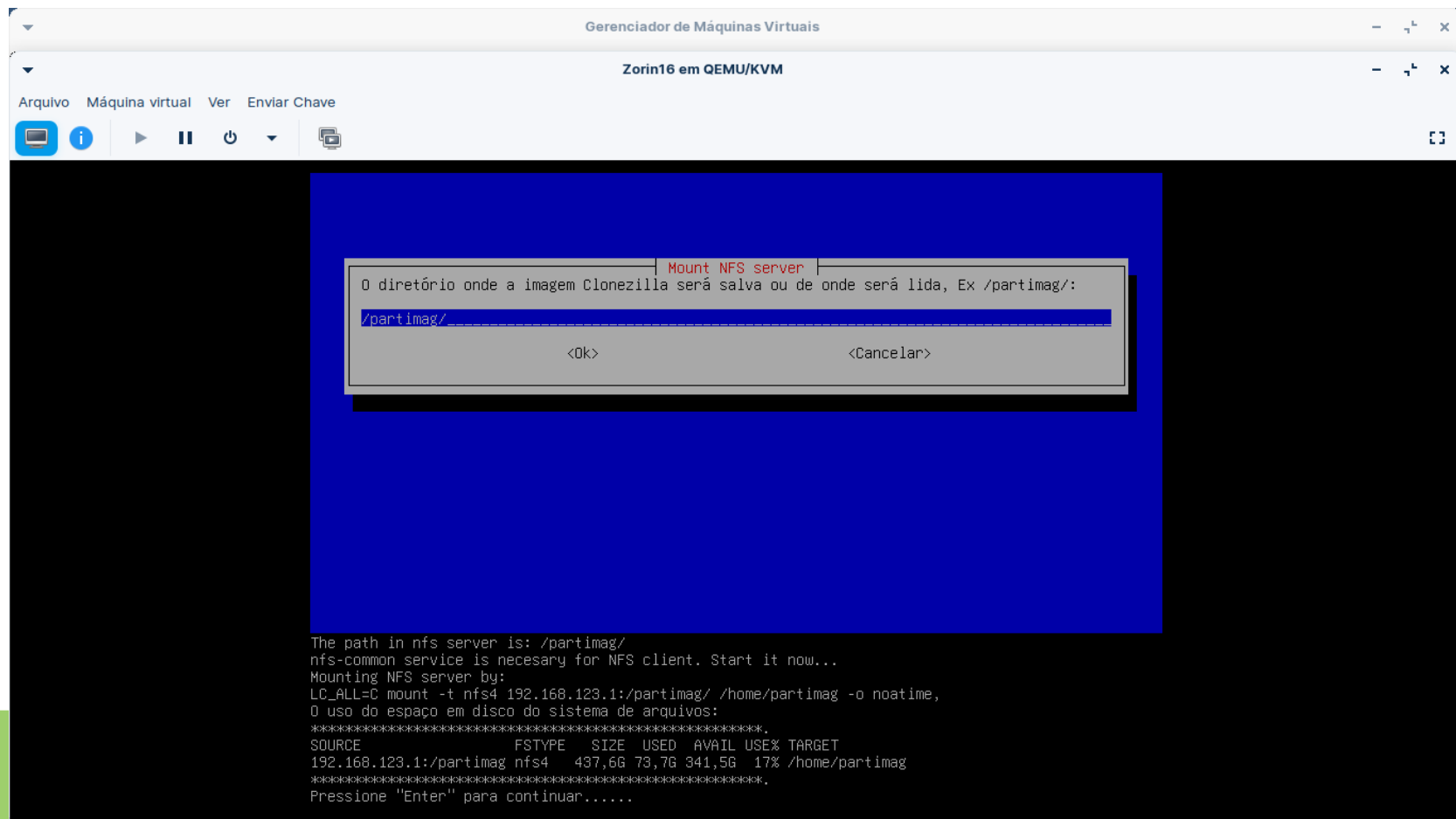
# Endereço IP do NFS server. Teclar Enter



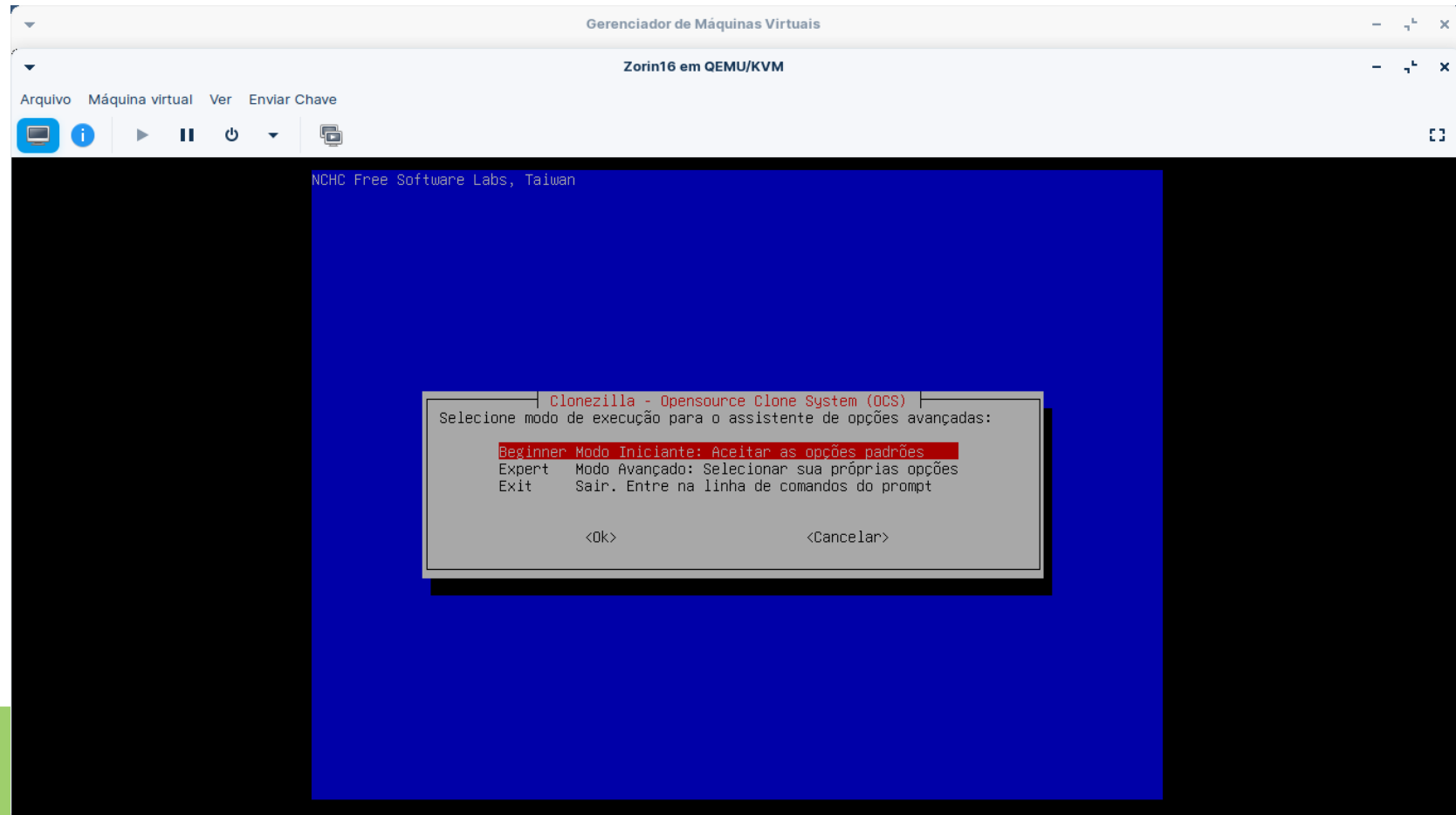
# Pasta compartilhada do NFS. Teclar Enter



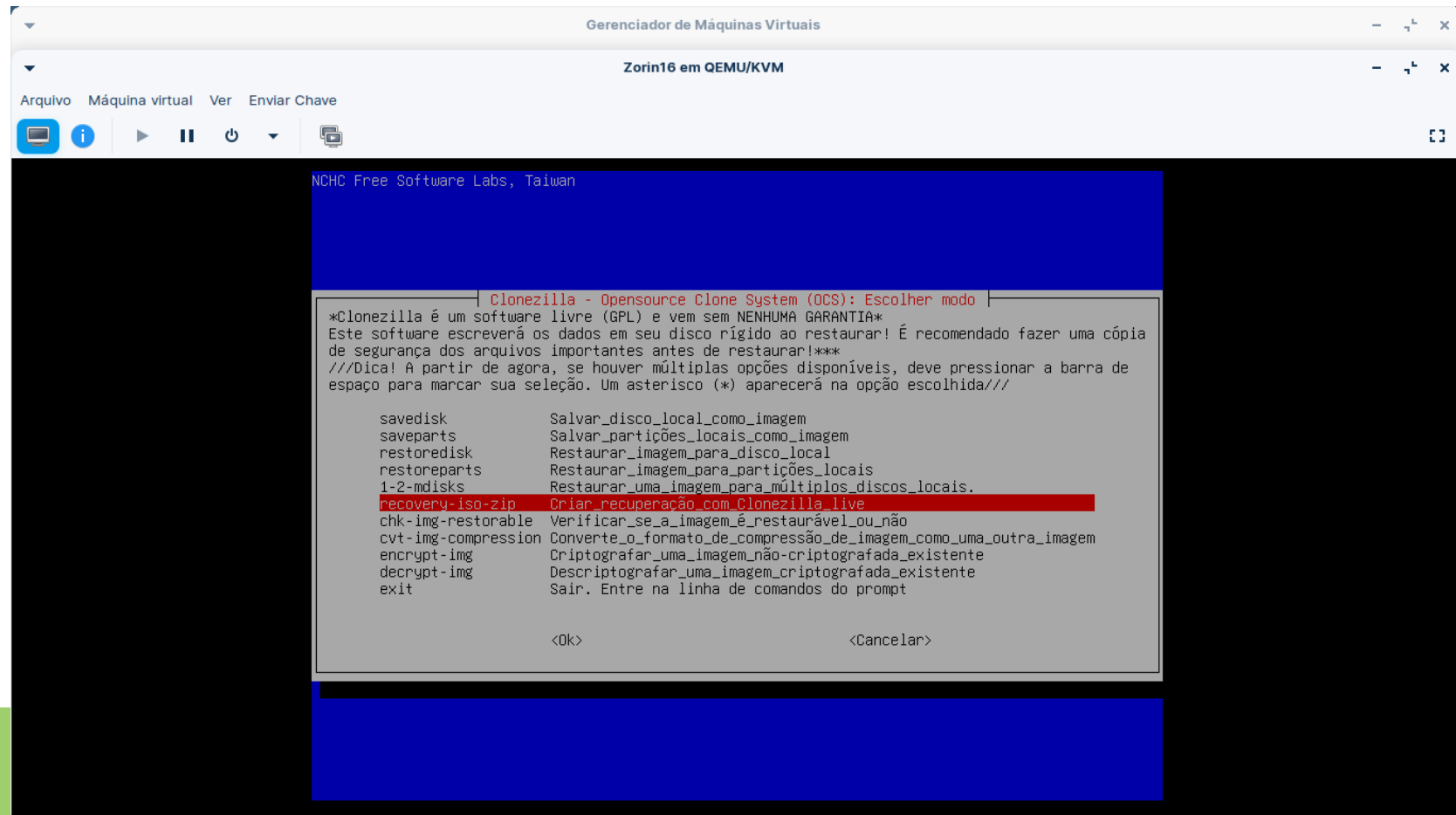
# Teclar Enter



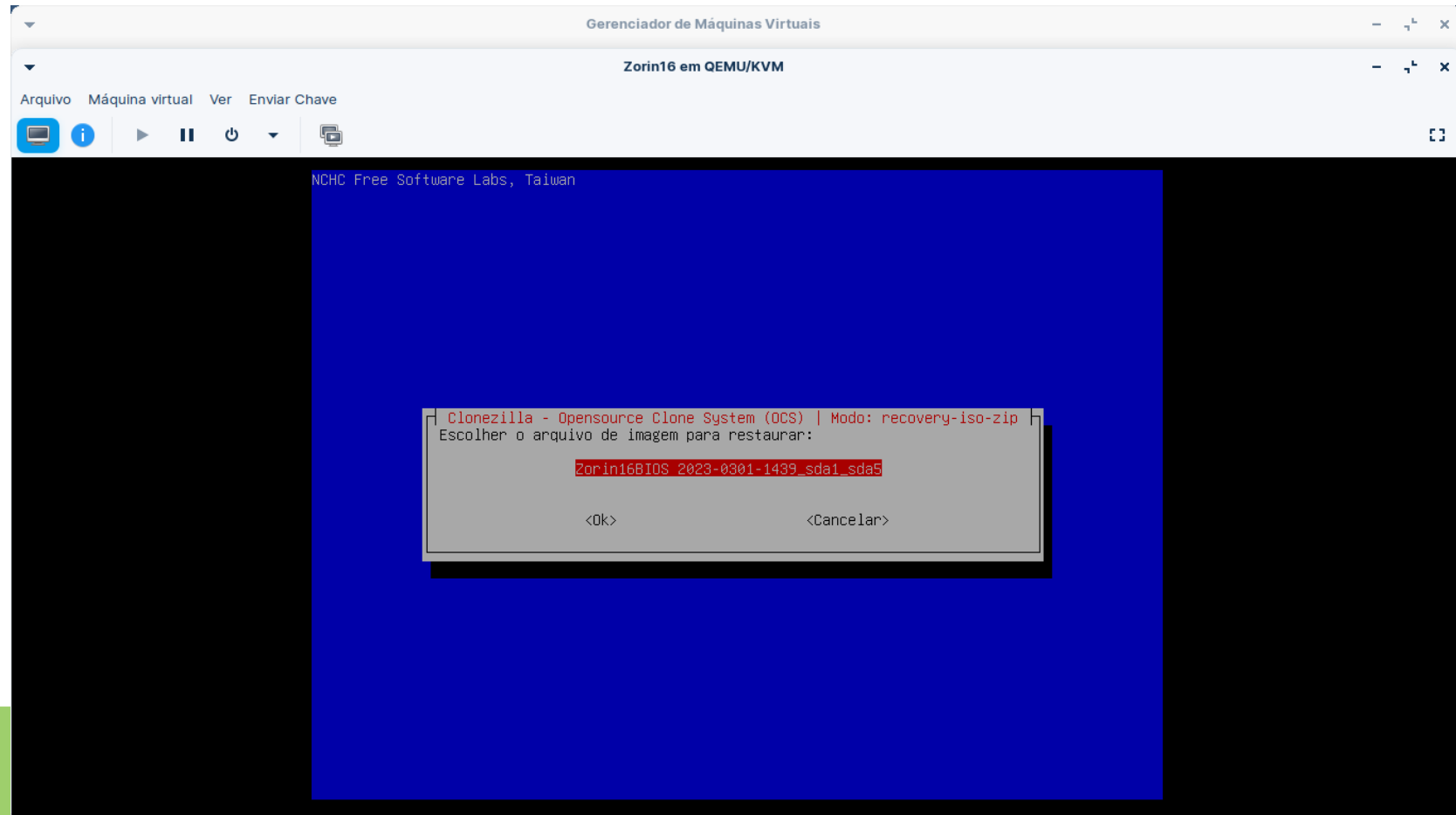
# Teclar Enter para aceitar os padrões



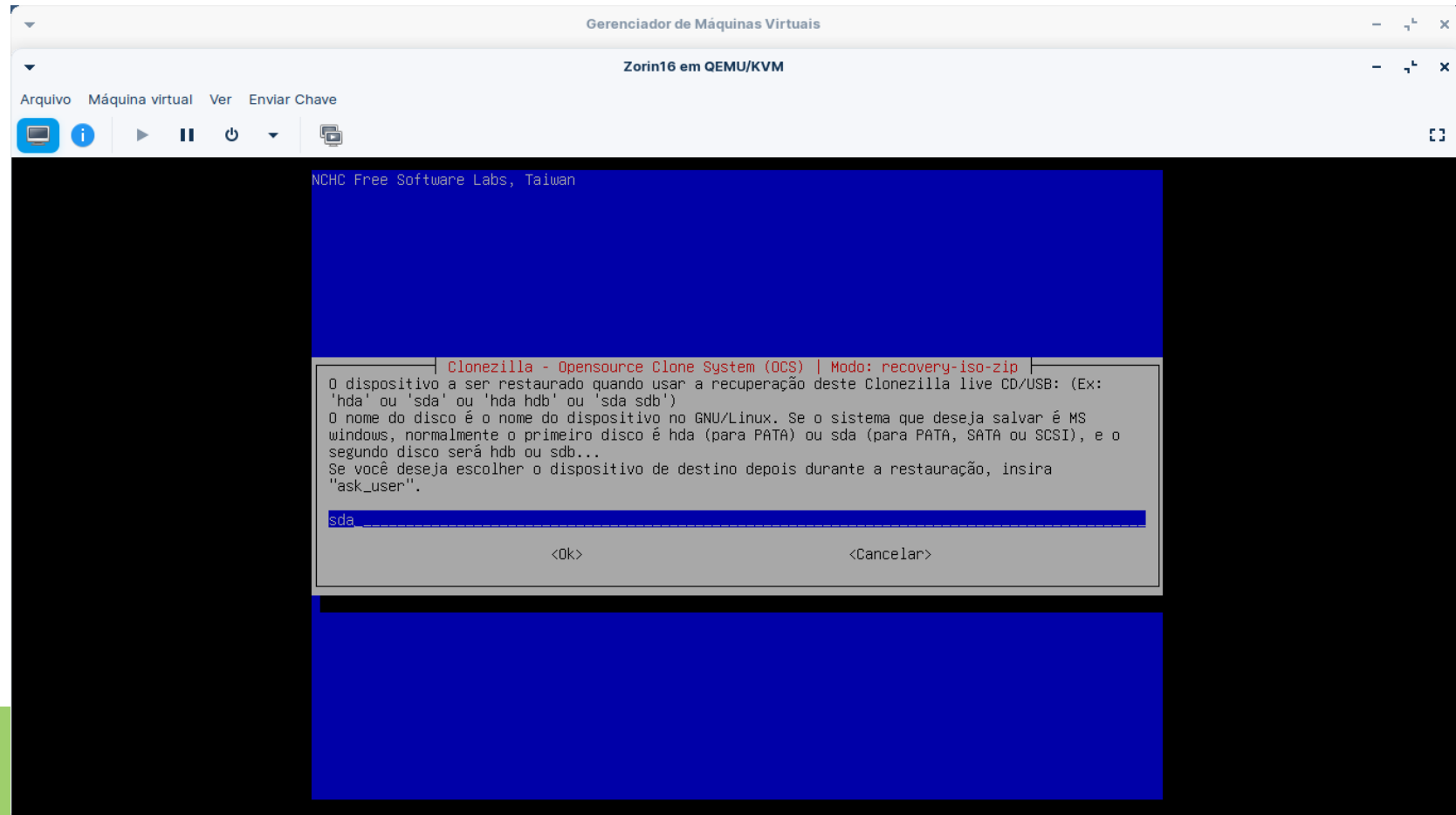
# Selecionar recovery-iso-zip. Teclar Enter



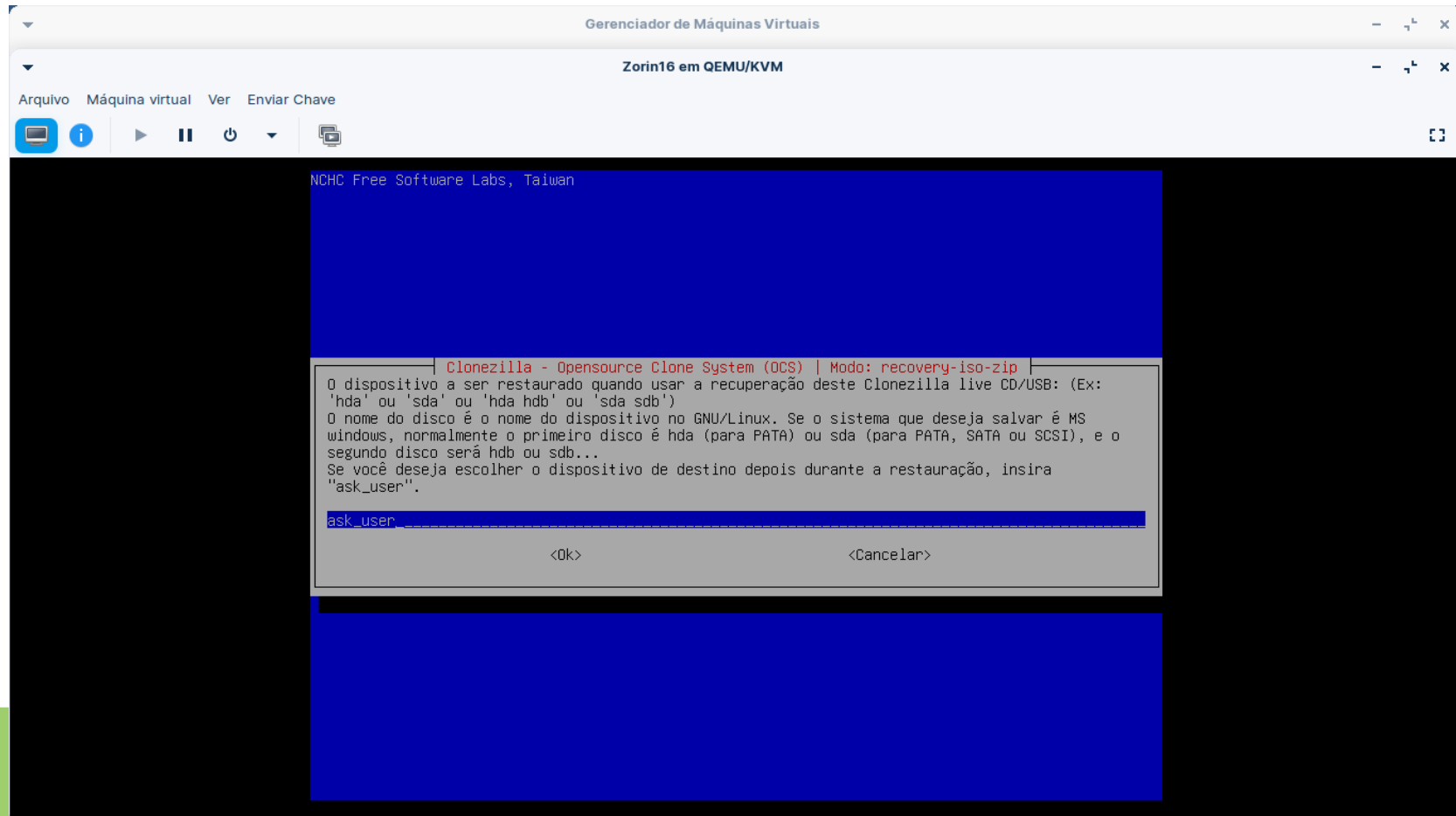
# Teclar Enter sobre a imagem selecionada



# Substituir este campo por ask\_user



# Teclar Enter para confirmar

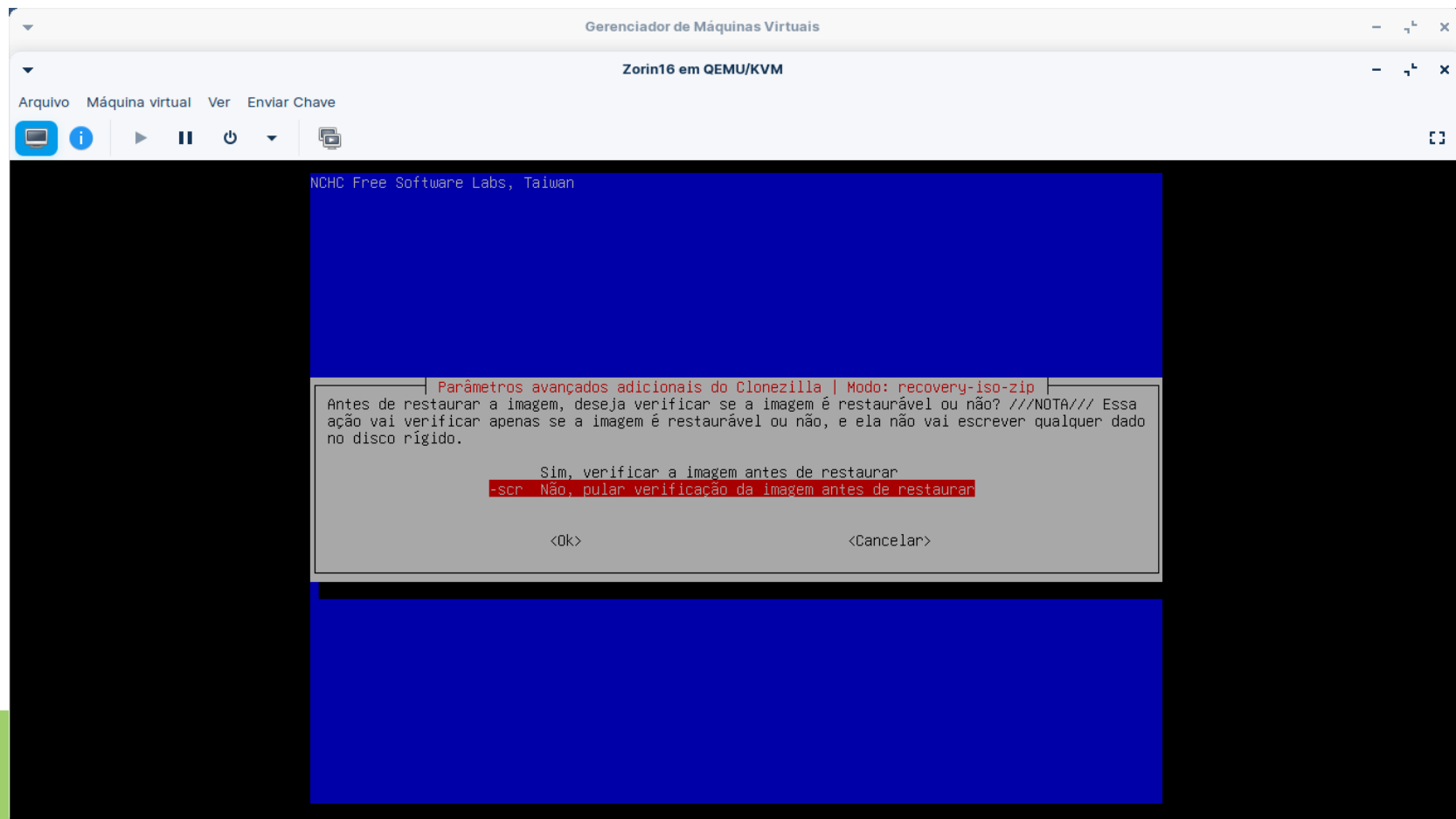




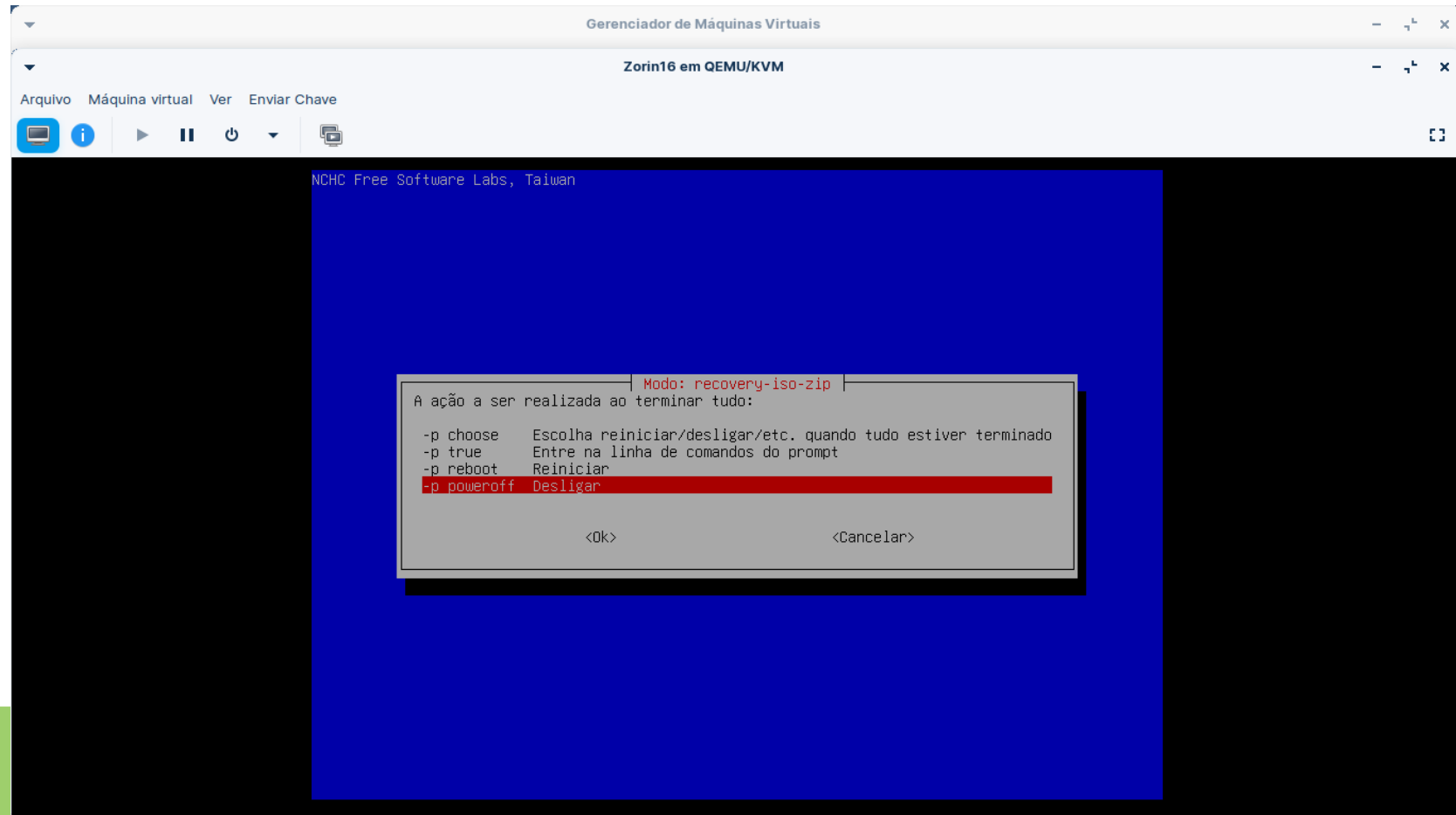
# Selecionar -k1 e teclar Enter



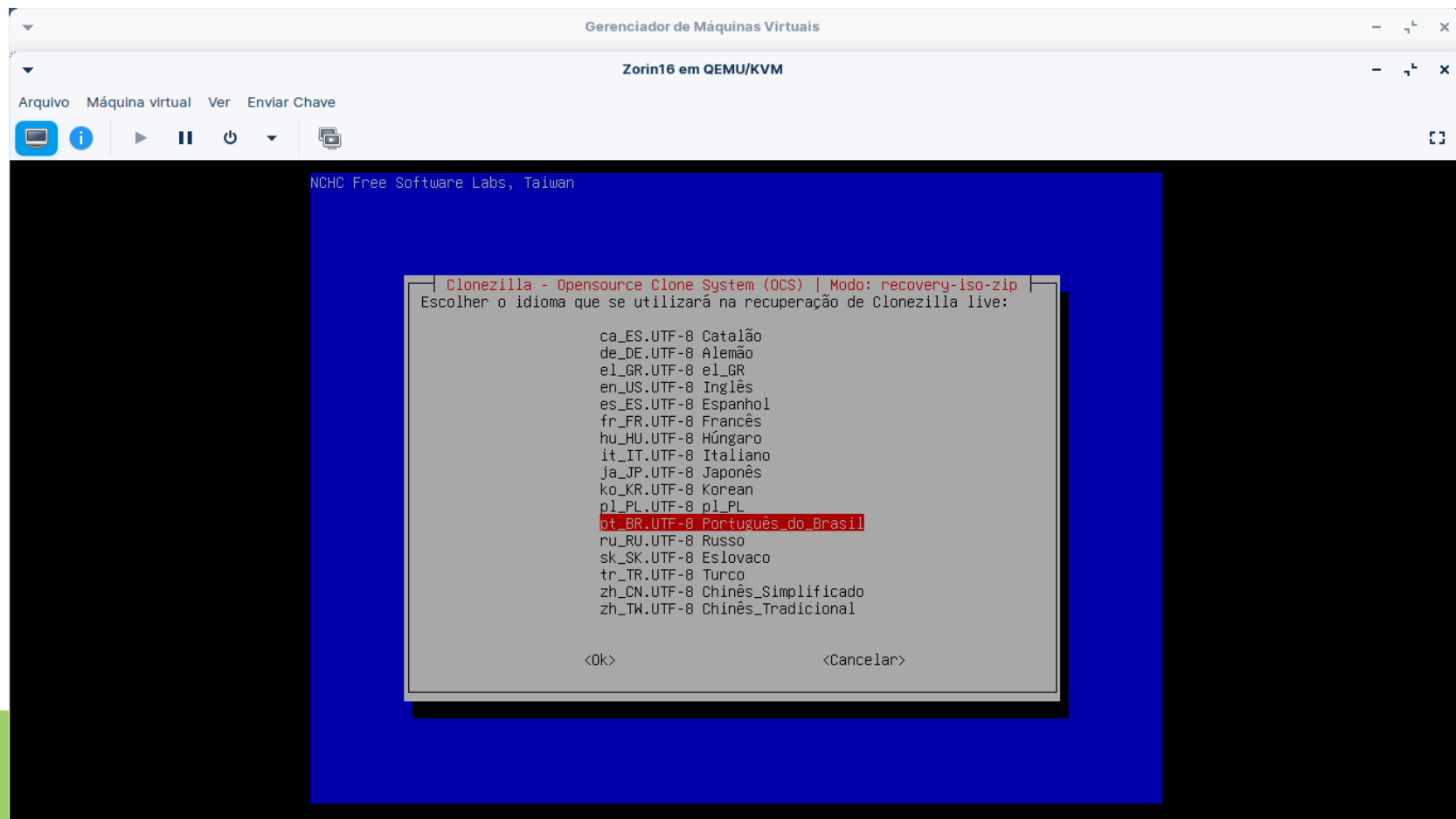
# Selecionar Não e teclar Enter



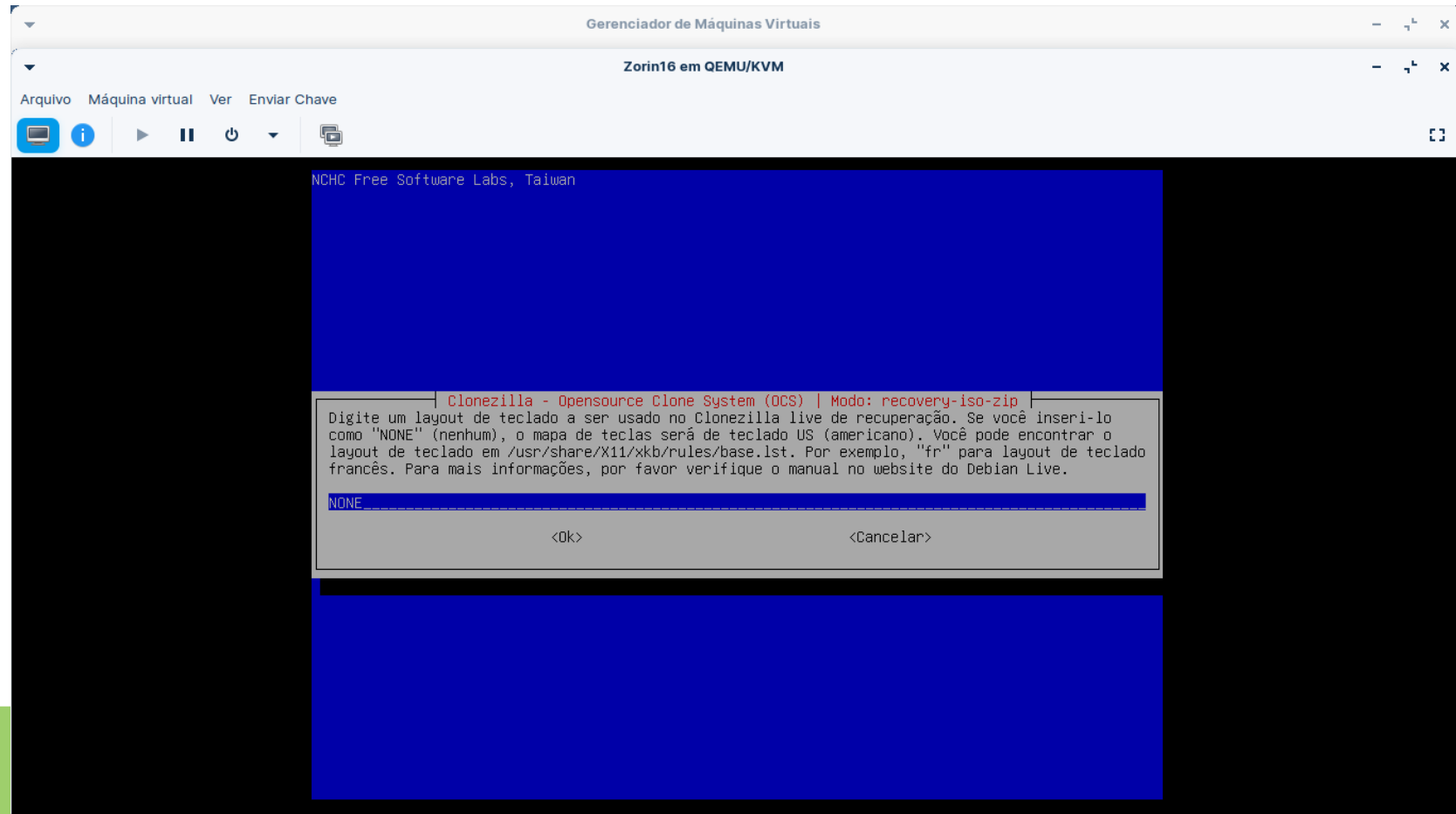
# Selecionar Desligar e teclar Enter



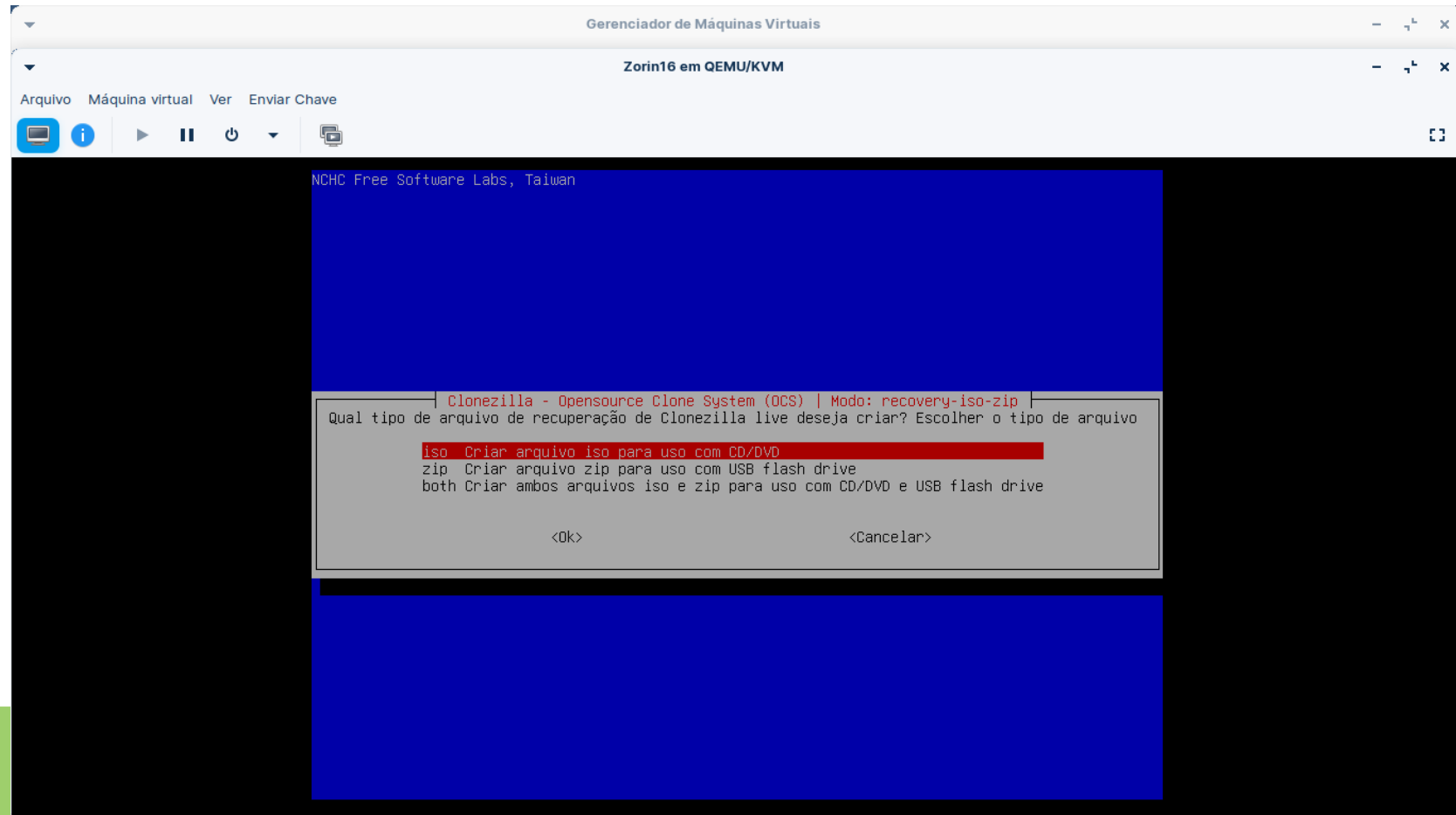
# Manter pt\_BR.UTF-8 e teclar Enter



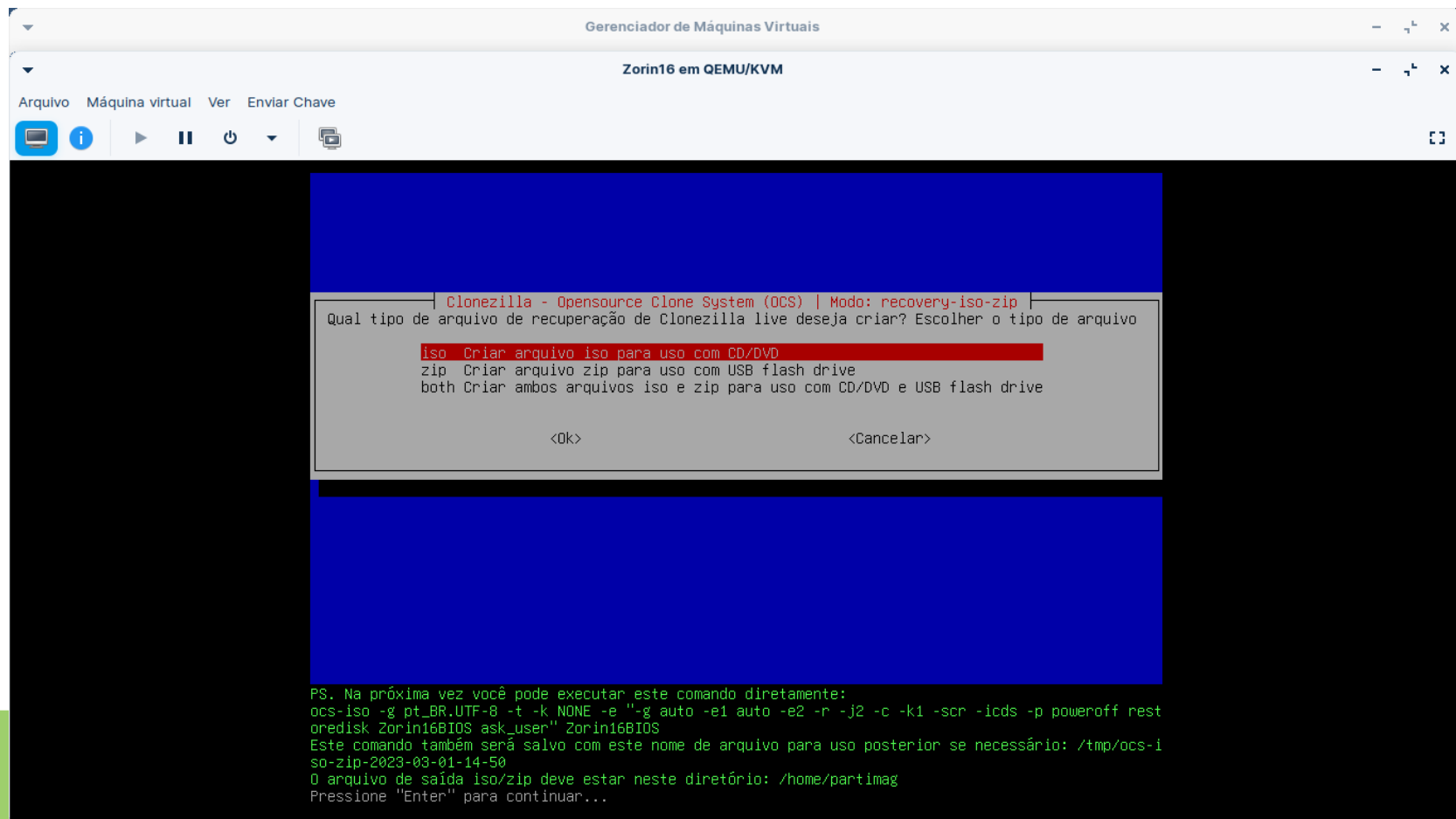
# Teclar Enter



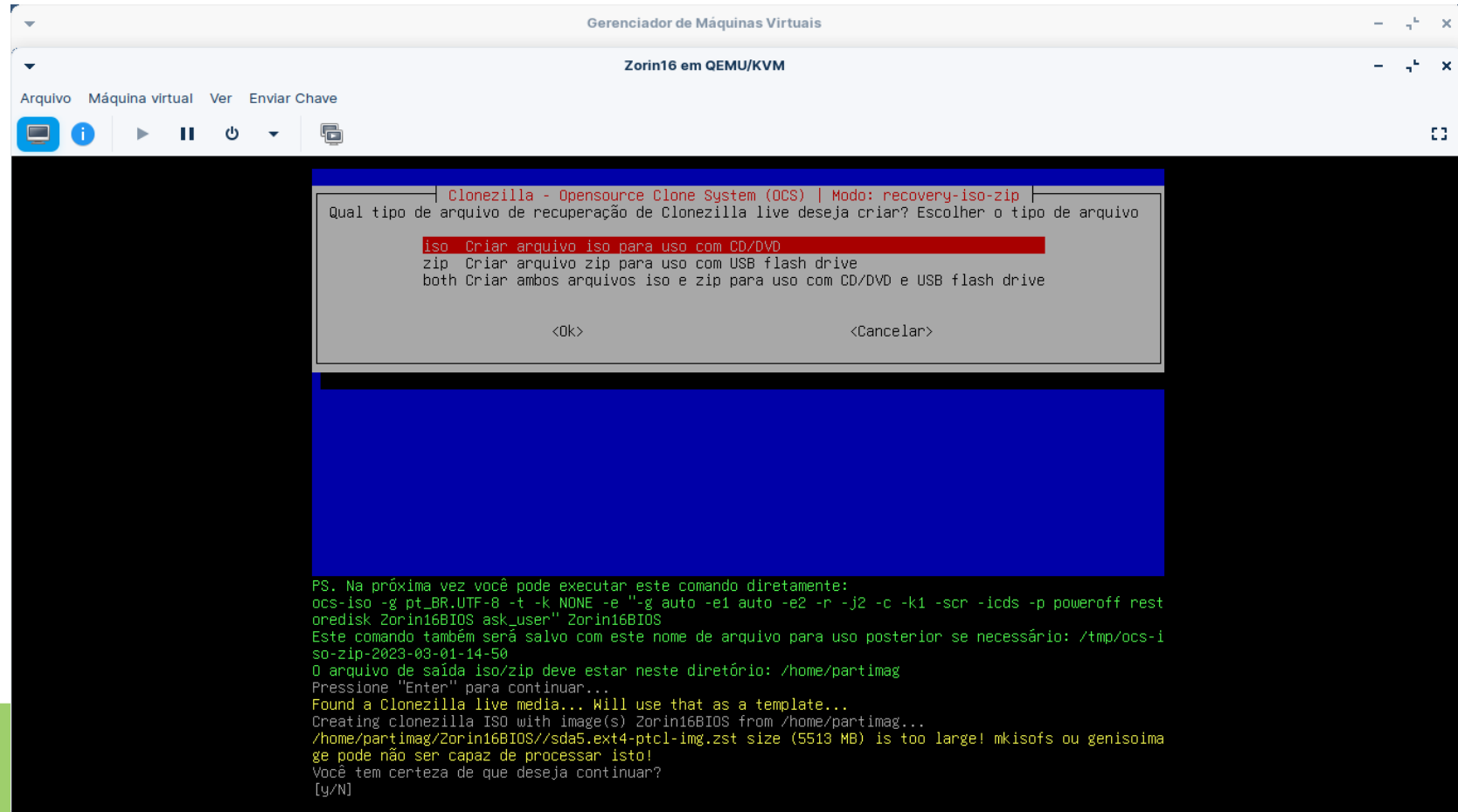
# Teclar Enter para gerar uma ISO



# Teclar Enter

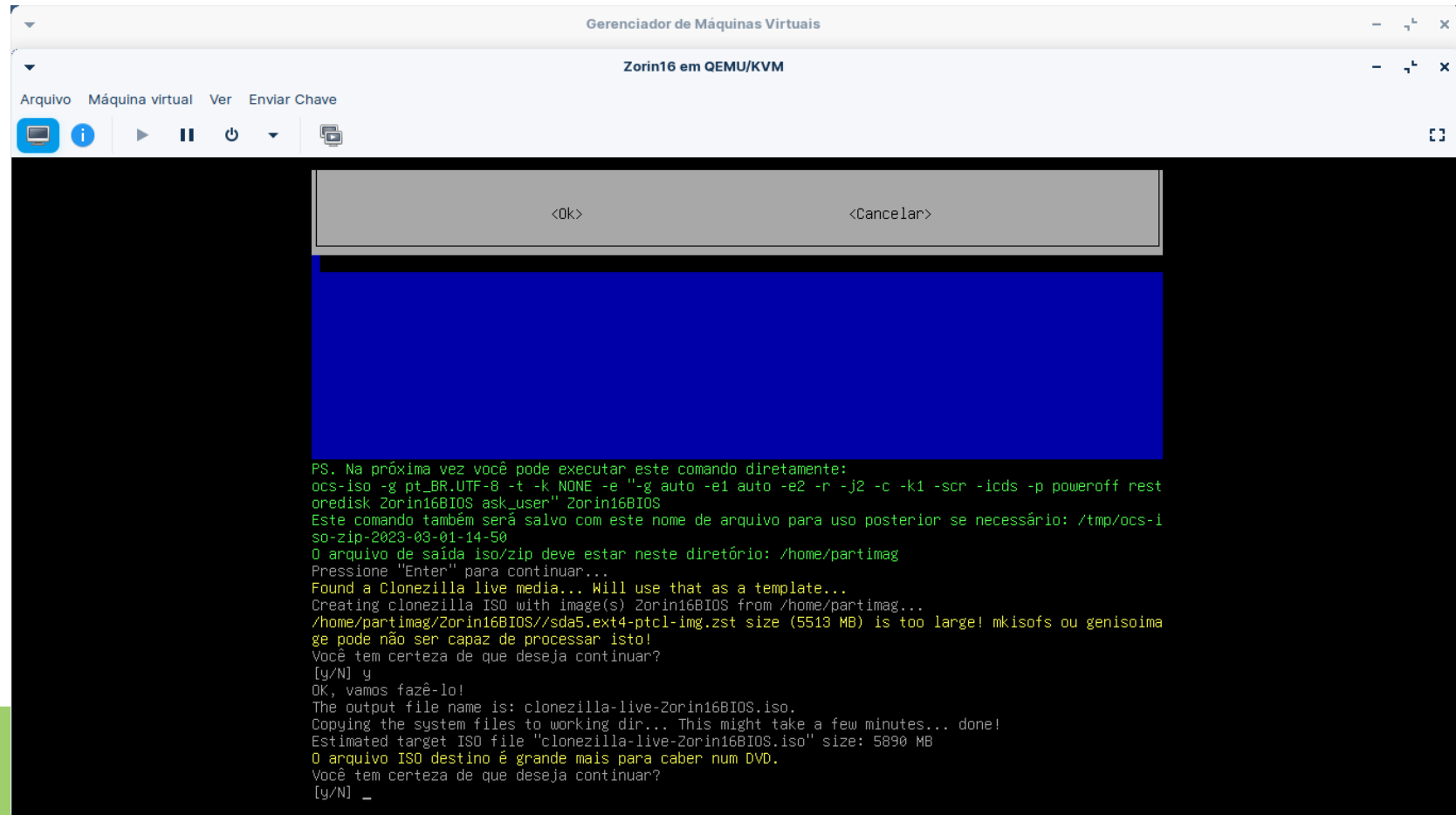


# Teclar y e Enter

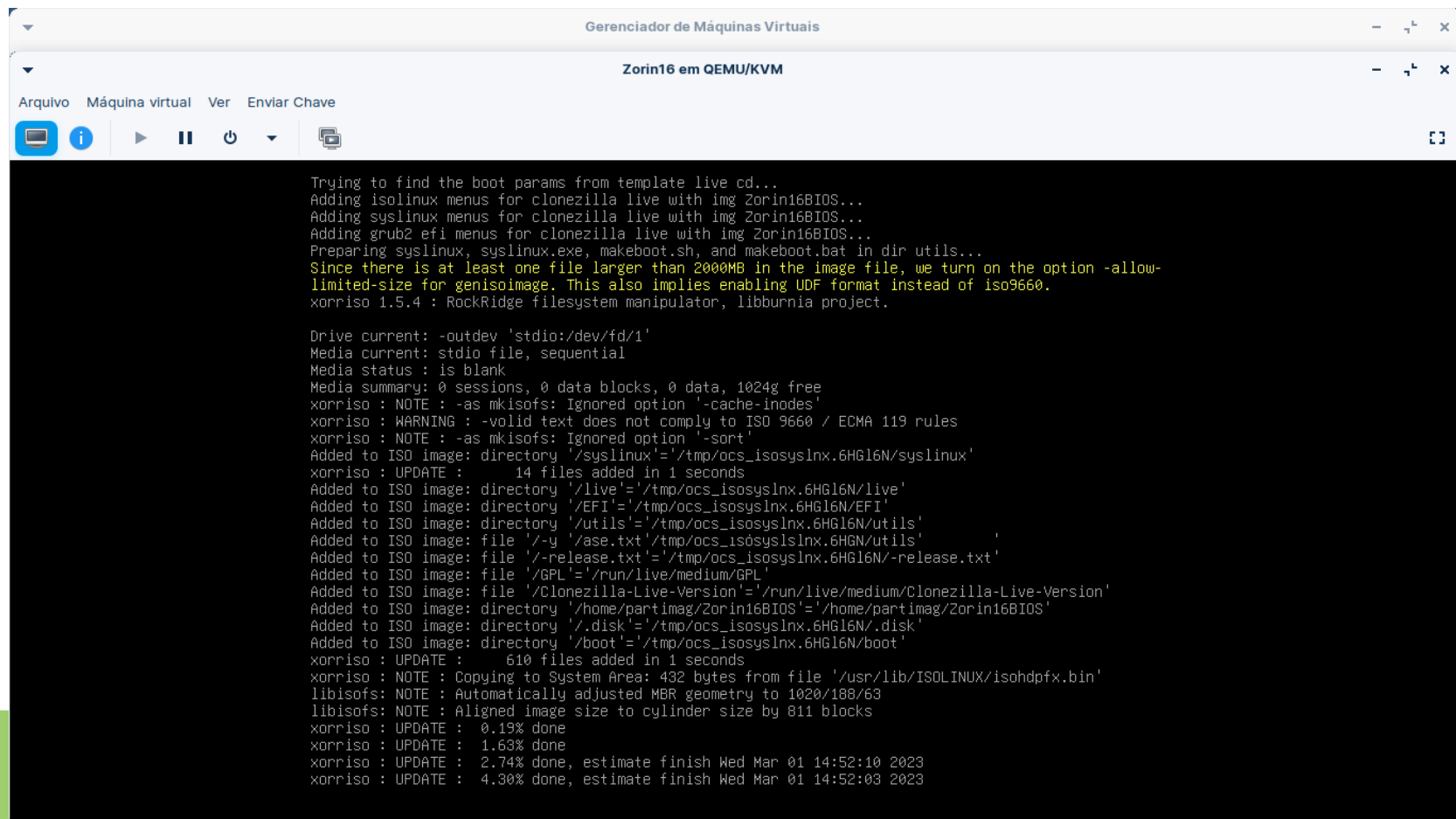




# Teclar y e Enter



# Aguardar a geração do arquivo ISO inicializável



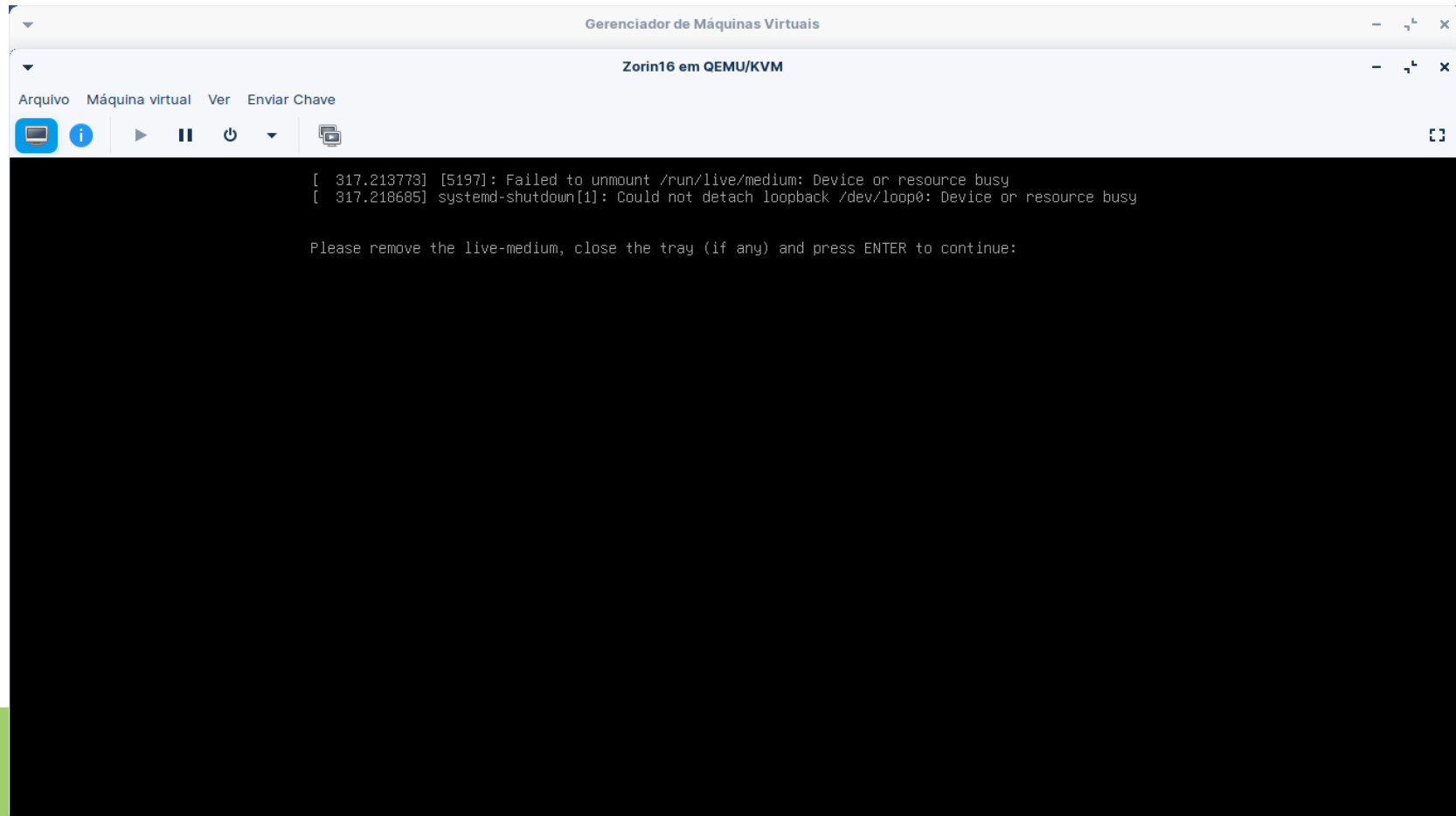
The screenshot shows a window titled "Gerenciador de Máquinas Virtuais" (Virtual Machine Manager) with a sub-window "Zorin16 em QEMU/KVM". The interface includes a menu bar with "Arquivo", "Máquina virtual", "Ver", and "Enviar Chave", and a toolbar with icons for a monitor, help, play/pause, power, and a folder. The main area is a terminal window displaying the output of the "xorriso" command, which is creating an ISO image from a directory. The output shows the progress of adding files and directories to the ISO image, including the syslinux menu, EFI files, and the live system files. The process is estimated to finish at 14:52:10 on Wednesday, March 1st, 2023.

```
Trying to find the boot params from template live cd...
Adding isolinux menus for clonezilla live with img Zorin16BIOS...
Adding syslinux menus for clonezilla live with img Zorin16BIOS...
Adding grub2 efi menus for clonezilla live with img Zorin16BIOS...
Preparing syslinux, syslinux.exe, makeboot.sh, and makeboot.bat in dir utils...
Since there is at least one file larger than 2000MB in the image file, we turn on the option -allow-limited-size for genisoimage. This also implies enabling UDF format instead of iso9660.
xorriso 1.5.4 : RockRidge filesystem manipulator, libburnia project.

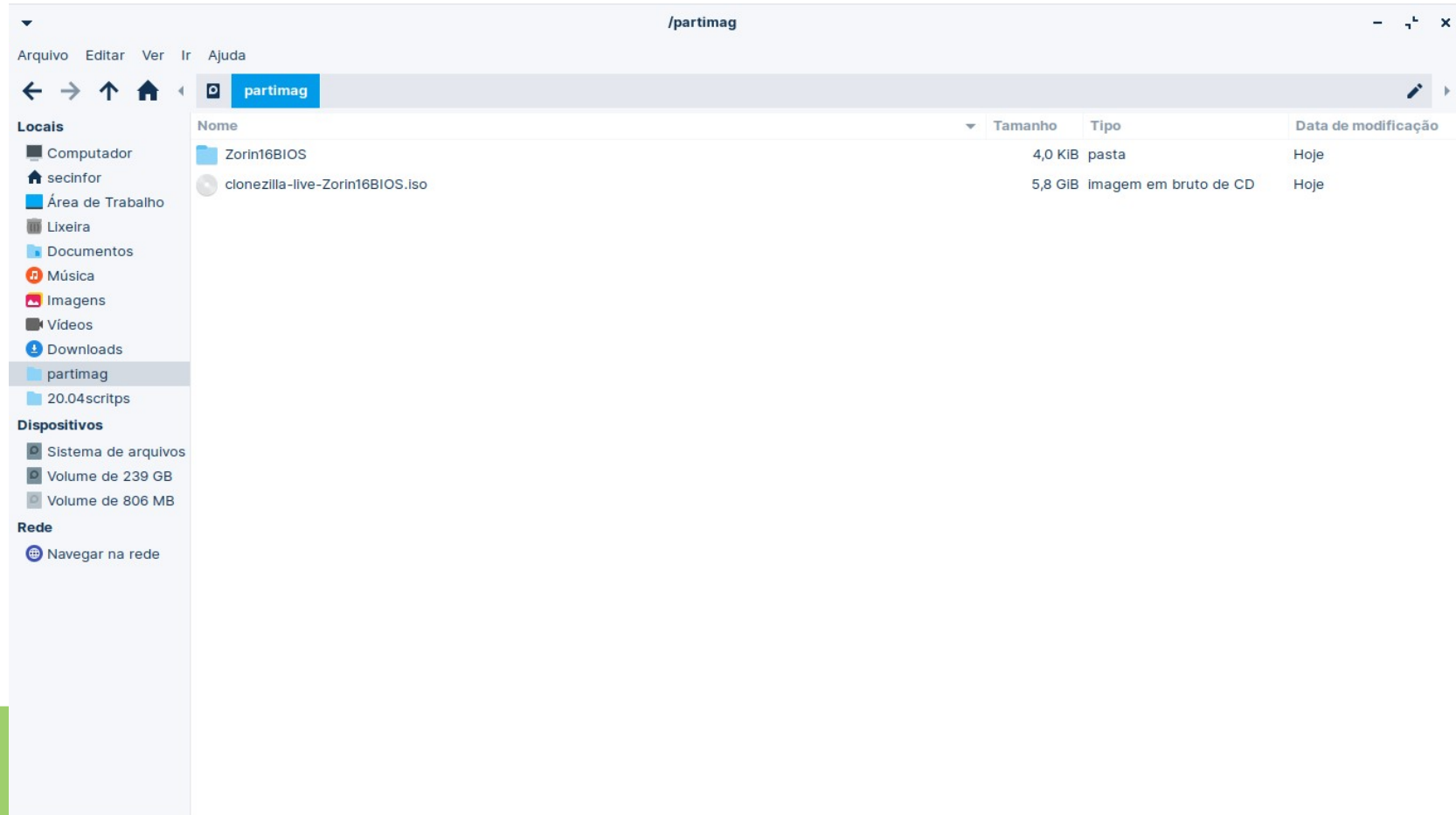
Drive current: -outdev 'stdio:/dev/fd/1'
Media current: stdio file, sequential
Media status : is blank
Media summary: 0 sessions, 0 data blocks, 0 data, 1024g free
xorriso : NOTE : -as mkisofs: Ignored option '-cache-inodes'
xorriso : WARNING : -valid text does not comply to ISO 9660 / ECMA 119 rules
xorriso : NOTE : -as mkisofs: Ignored option '-sort'
Added to ISO image: directory '/syslinux'='/tmp/ocs_isosyslnx.6HG16N/syslinux'
xorriso : UPDATE :      14 files added in 1 seconds
Added to ISO image: directory '/live'='/tmp/ocs_isosyslnx.6HG16N/live'
Added to ISO image: directory '/EFI'='/tmp/ocs_isosyslnx.6HG16N/EFI'
Added to ISO image: directory '/utils'='/tmp/ocs_isosyslnx.6HG16N/utils'
Added to ISO image: file '/-y /ase.txt'='/tmp/ocs_isosyslnx.6HG16N/utils'
Added to ISO image: file '/-release.txt'='/tmp/ocs_isosyslnx.6HG16N/-release.txt'
Added to ISO image: file '/GPL'='/run/live/medium/GPL'
Added to ISO image: file '/Clonezilla-Live-Version'='/run/live/medium/Clonezilla-Live-Version'
Added to ISO image: directory '/home/partimag/Zorin16BIOS'='/home/partimag/Zorin16BIOS'
Added to ISO image: directory '/.disk'='/tmp/ocs_isosyslnx.6HG16N/.disk'
Added to ISO image: directory '/boot'='/tmp/ocs_isosyslnx.6HG16N/boot'
xorriso : UPDATE :      610 files added in 1 seconds
xorriso : NOTE : Copying to System Area: 432 bytes from file '/usr/lib/ISOLINUX/isohdpfx.bin'
libisofs: NOTE : Automatically adjusted MBR geometry to 1020/188/63
libisofs: NOTE : Aligned image size to cylinder size by 811 blocks
xorriso : UPDATE :    0.19% done
xorriso : UPDATE :    1.63% done
xorriso : UPDATE :    2.74% done, estimate finish Wed Mar 01 14:52:10 2023
xorriso : UPDATE :    4.30% done, estimate finish Wed Mar 01 14:52:03 2023
```



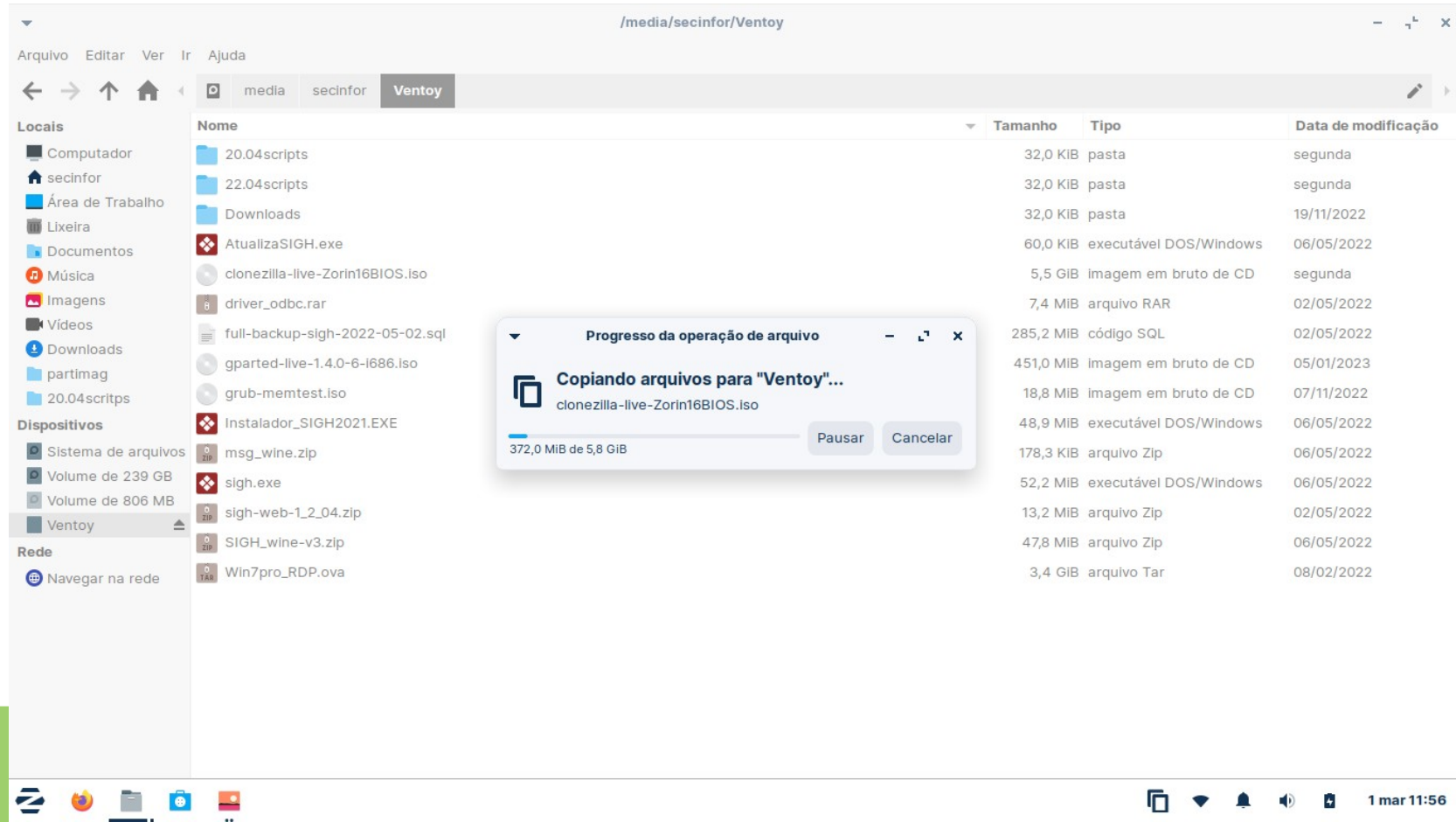
# Teclar Enter para finalizar



# No notebook, navegar até a pasta /partimag



# Copiar a imagem convertida em nova ISO para o pendrive de boot do Ventoy



# Processo finalizado

- A criação de um pendrive de boot com o utilitário Ventoy é amplamente documentado na internet.
- Ao se selecionar esta nova ISO no boot do Ventoy, a instalação torna-se independente do servidor NFS, ideal para uso doméstico.
- Novas instalações serão totalmente pré-configuradas e em menos de 30 minutos.

