Quick Guide to Clonezilla

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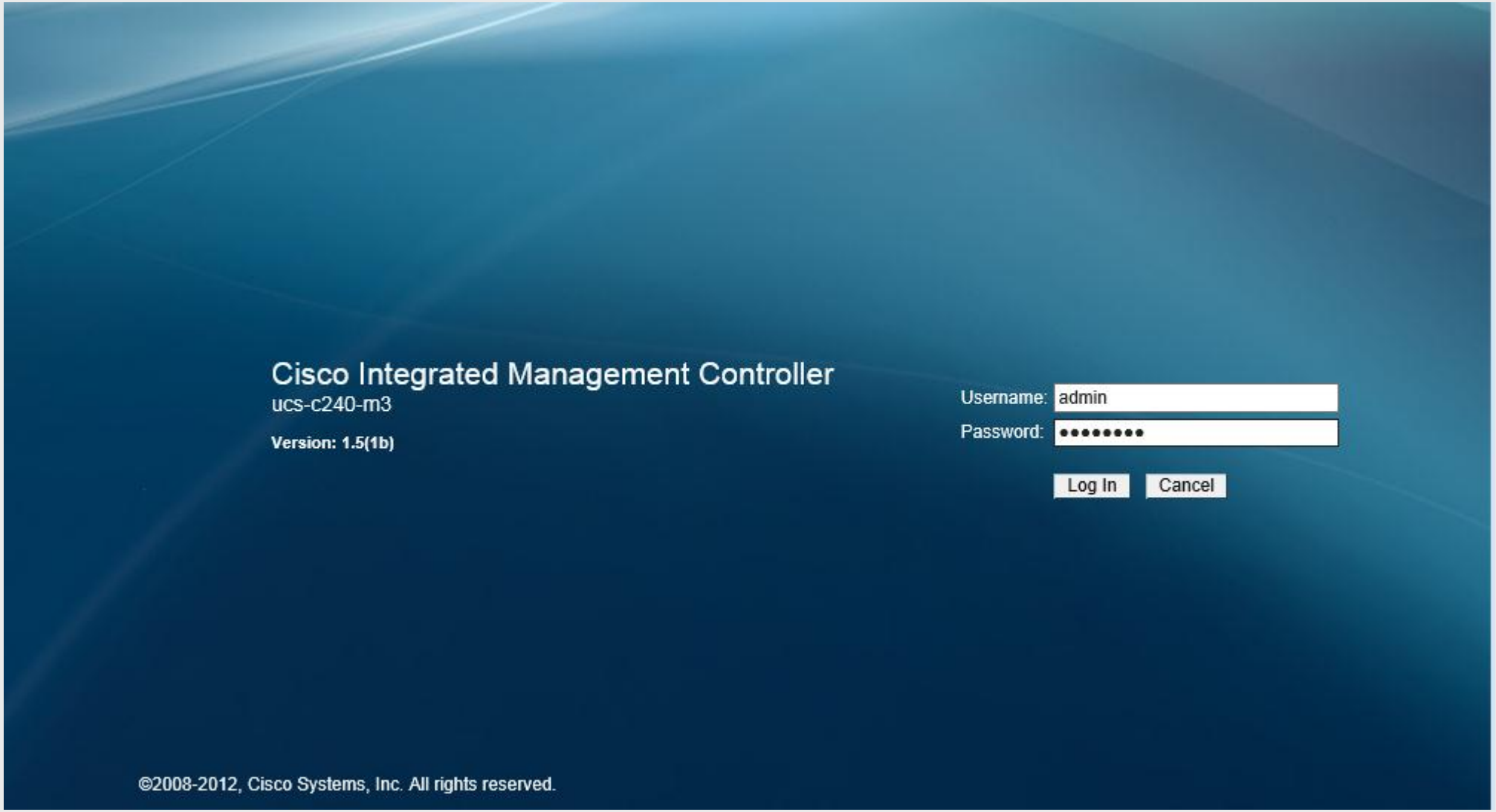
General Information

- Software
  - clonezilla ISO file for respective CPU architecture
  - Reference: clonezilla.org
- Hardware
  - Network-based storage (NFS, CIFS, SSHFS) or USB hard drive
  - Network-based storage can be a Windows or Linux server with respective file system listed above

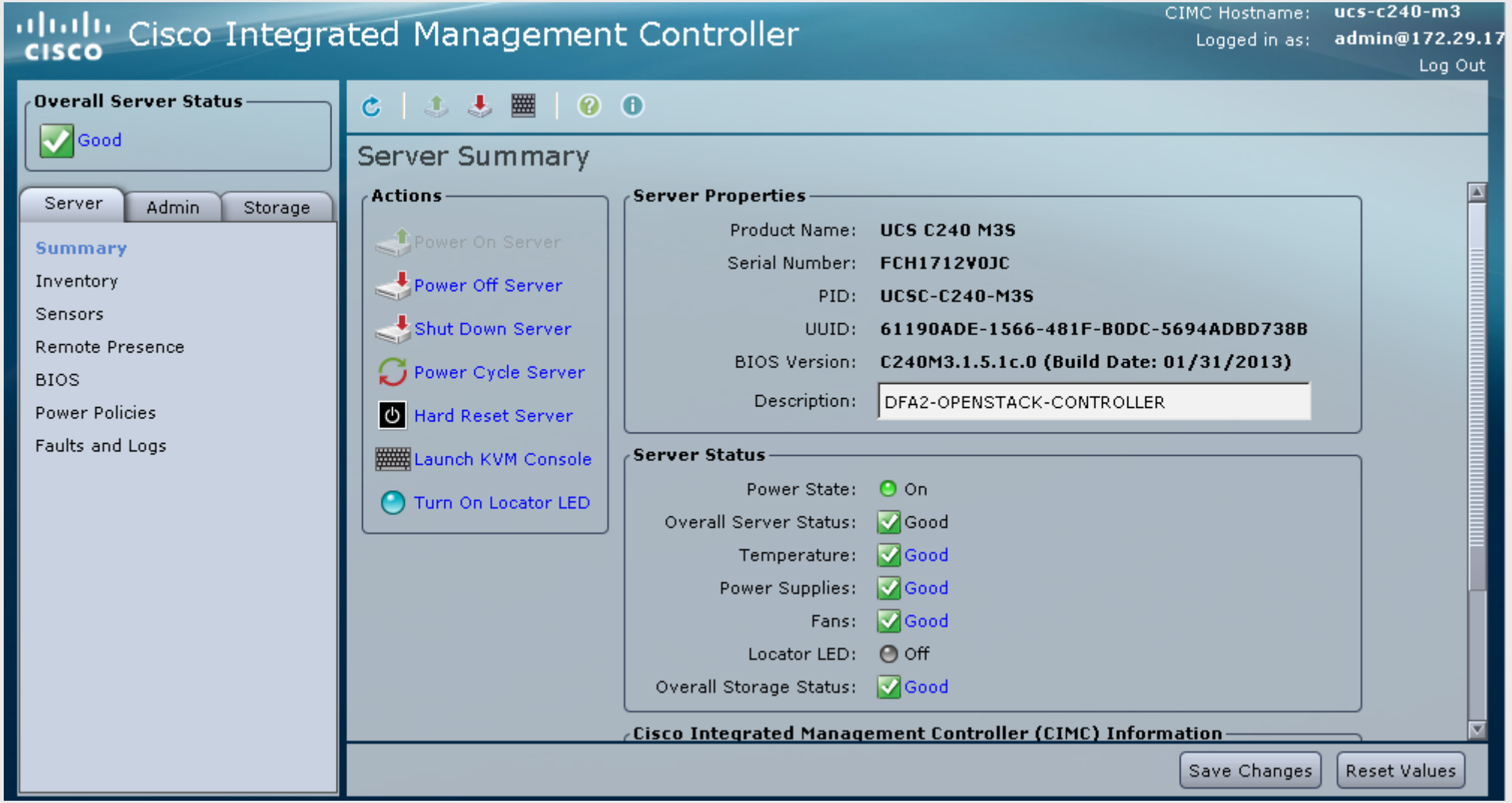
General Information

- Network
  - Network devices management IP and console IP are accessible from Cisco corporate or internal network
  - Not all of the host devices will be accessible from Cisco corporate or internal network. There are private networks utilized as part of the lab and demo process
- Software
  - Required to have telnet client
  - Required to have Microsoft Remote Desktop client
  - Recommended to have either Chrome or Firefox browser
- Reference

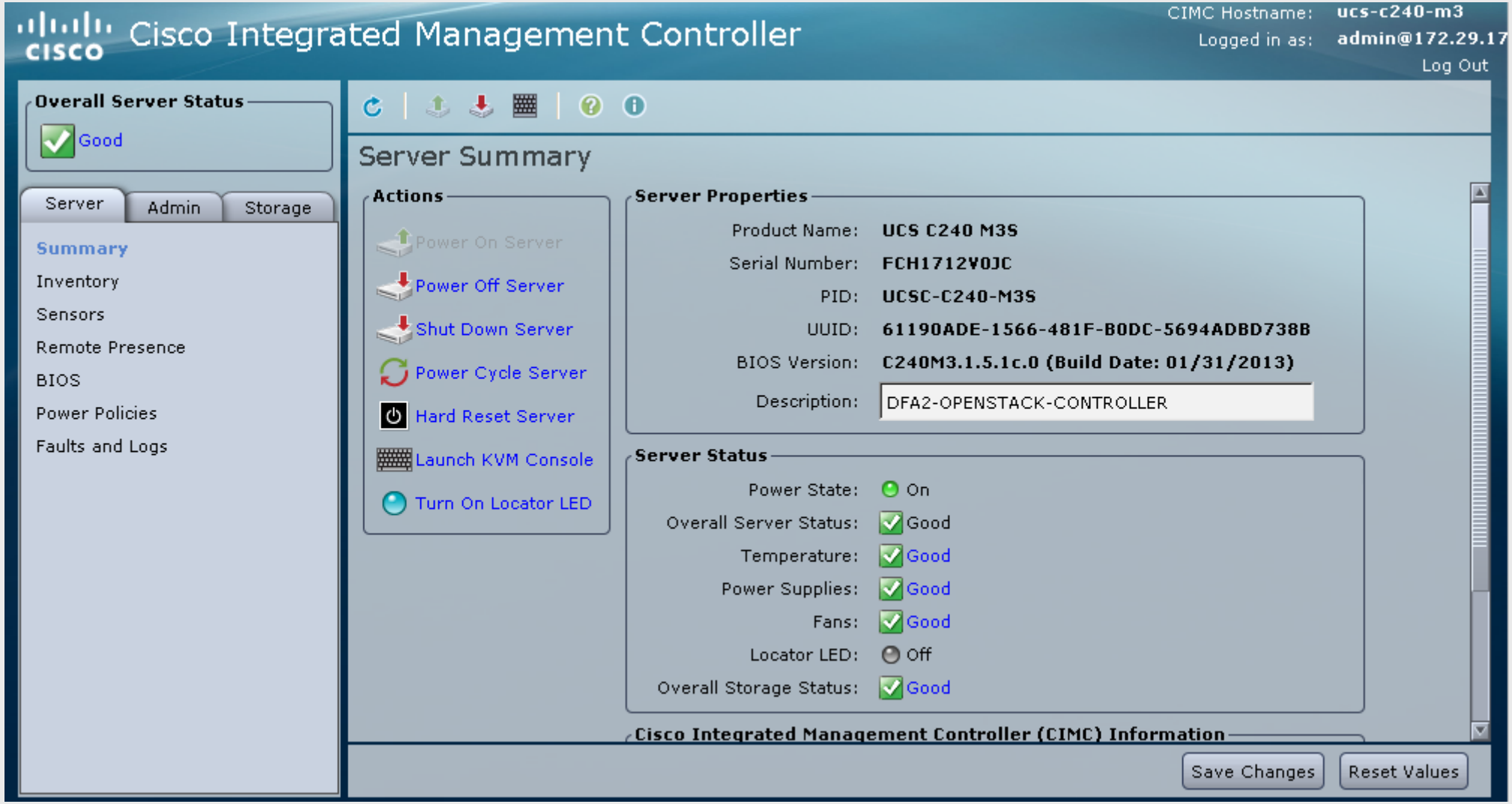
Access Server Remotely to Boot Clonezilla



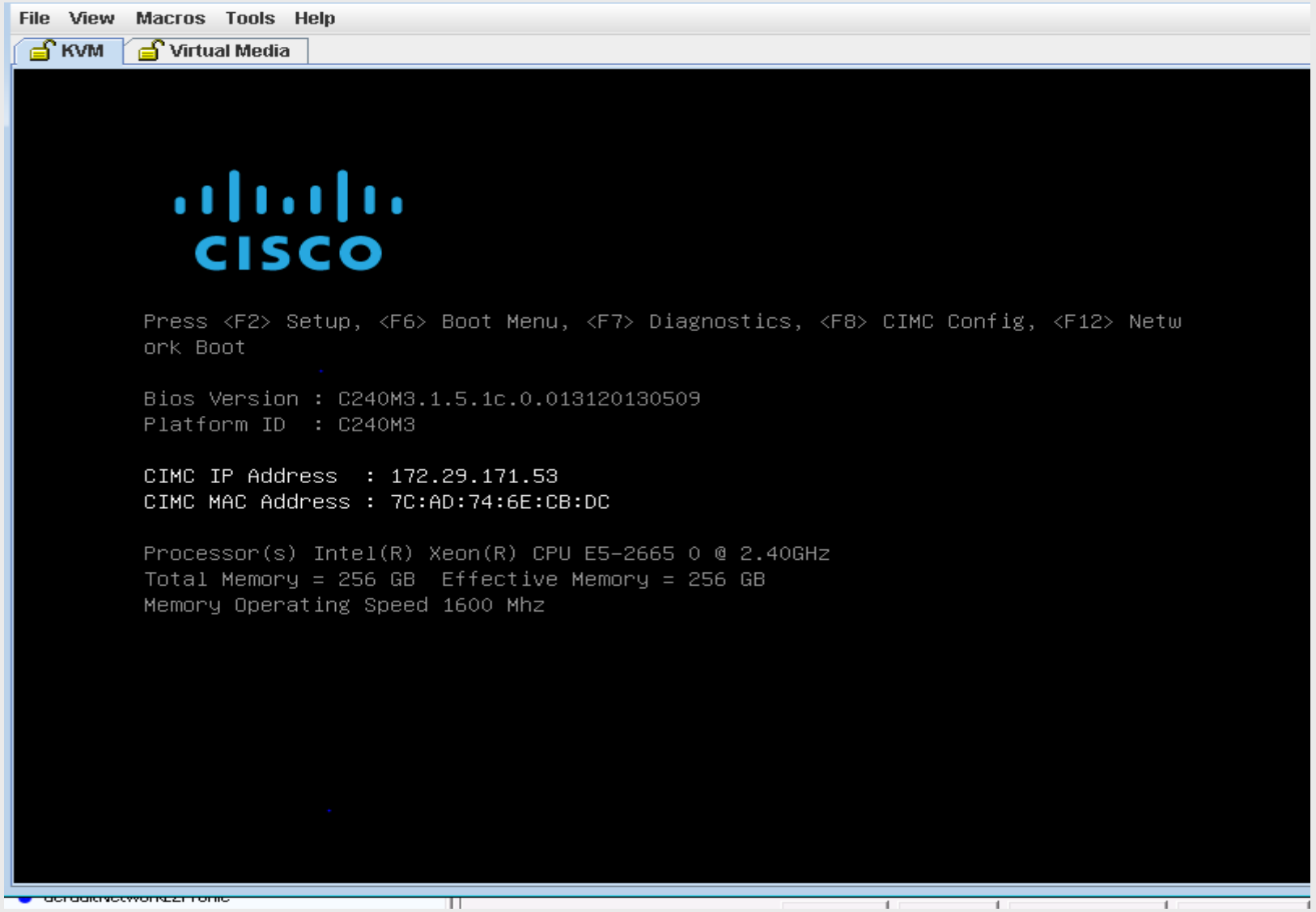
Access KVM Console



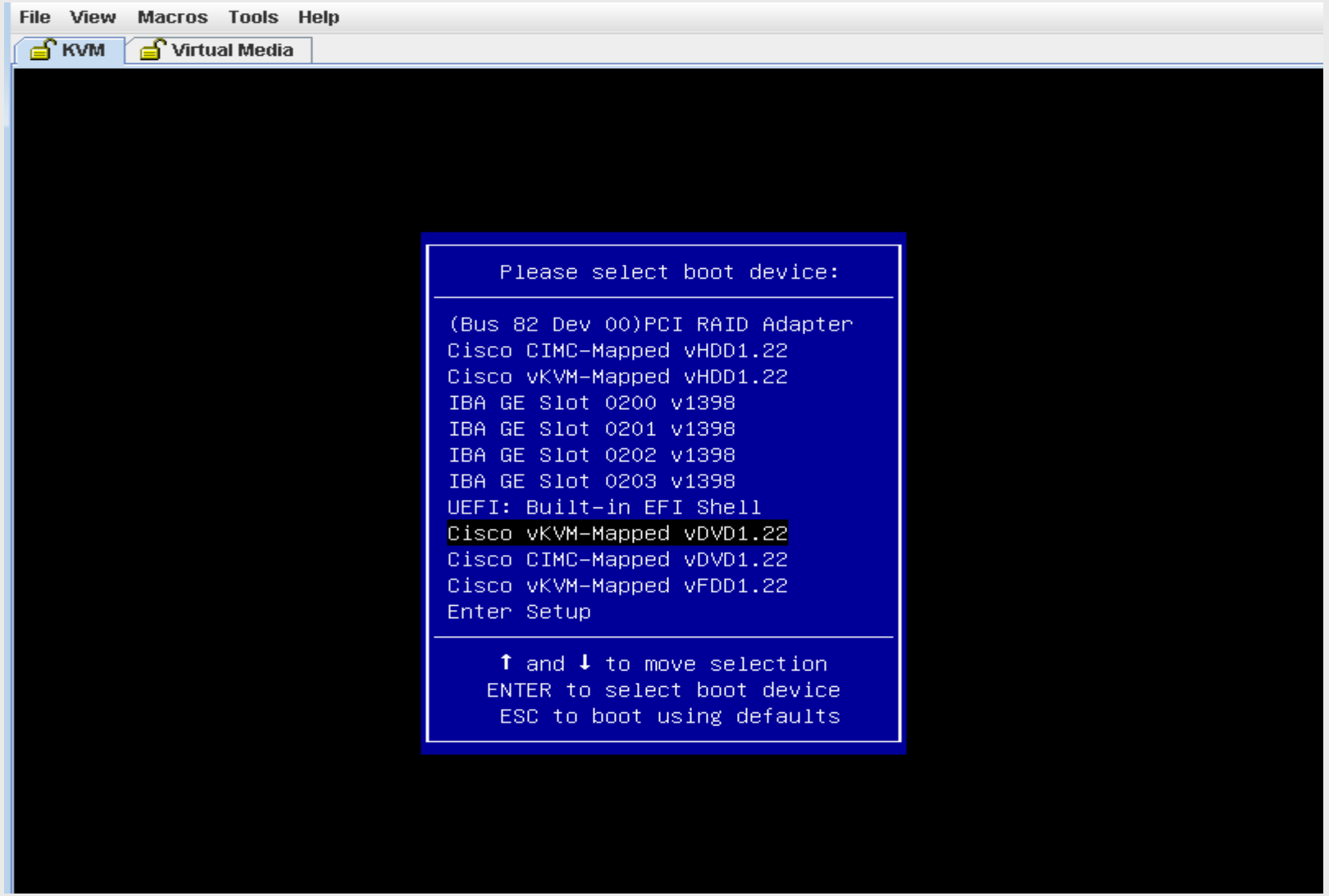
Access KVM Console



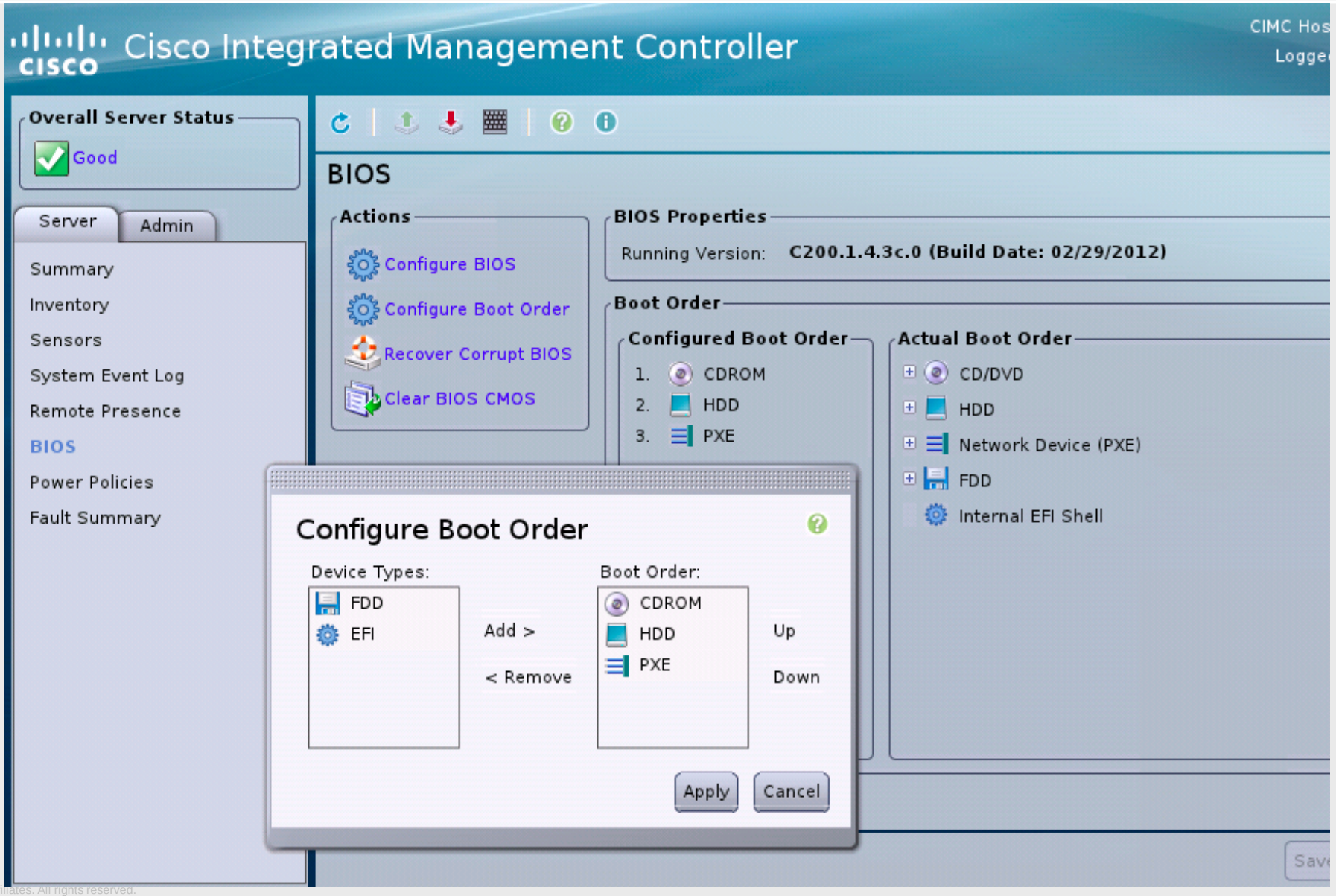
Access Boot Menu



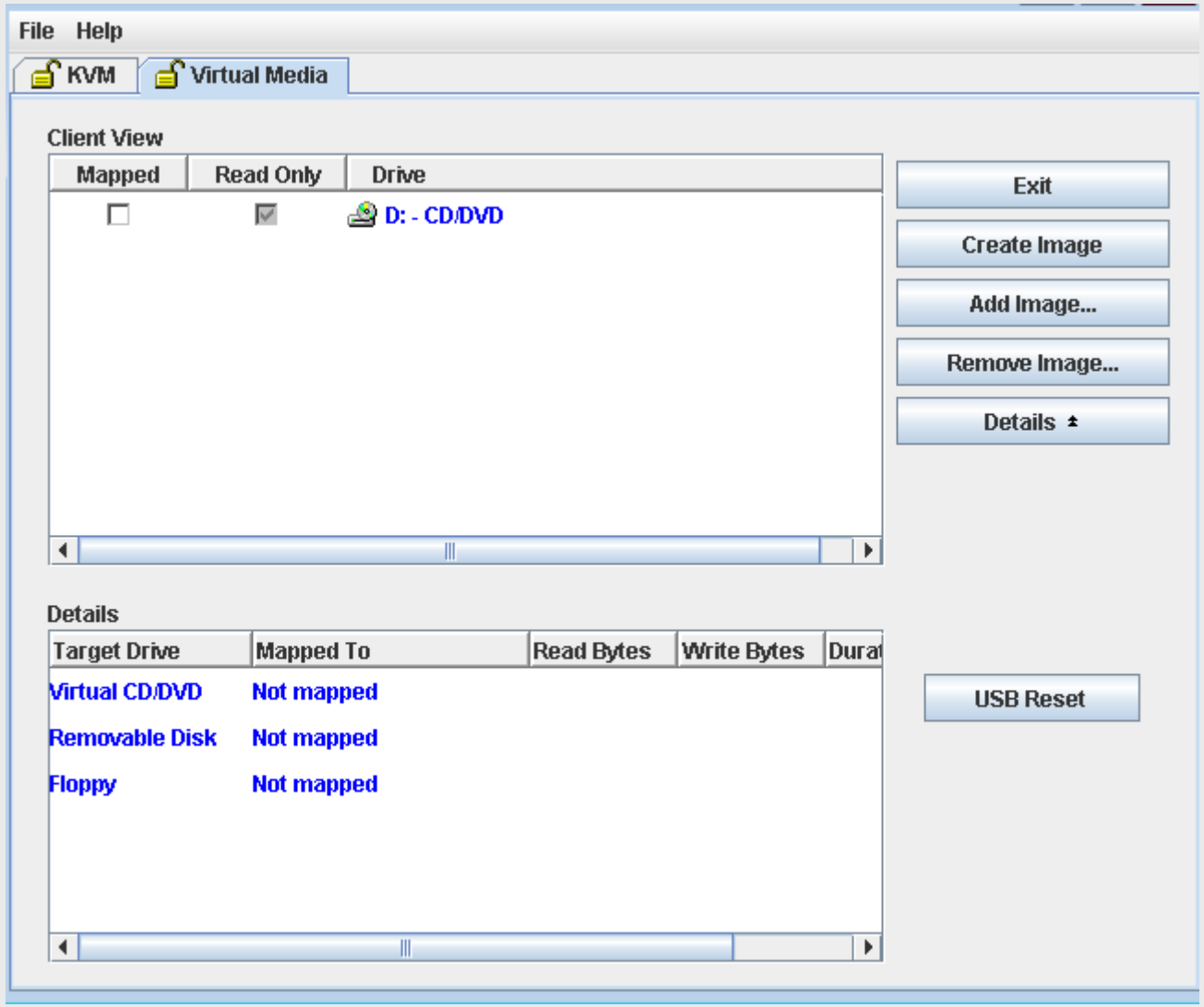
Select vKVM vDVD



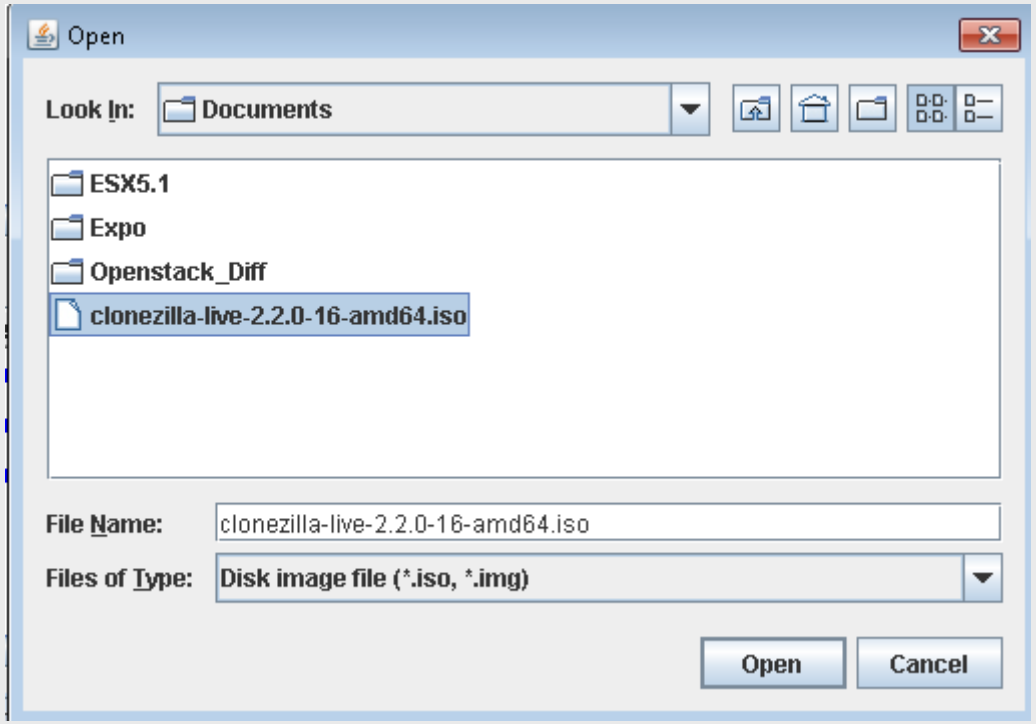
Change the boot order to CDROM



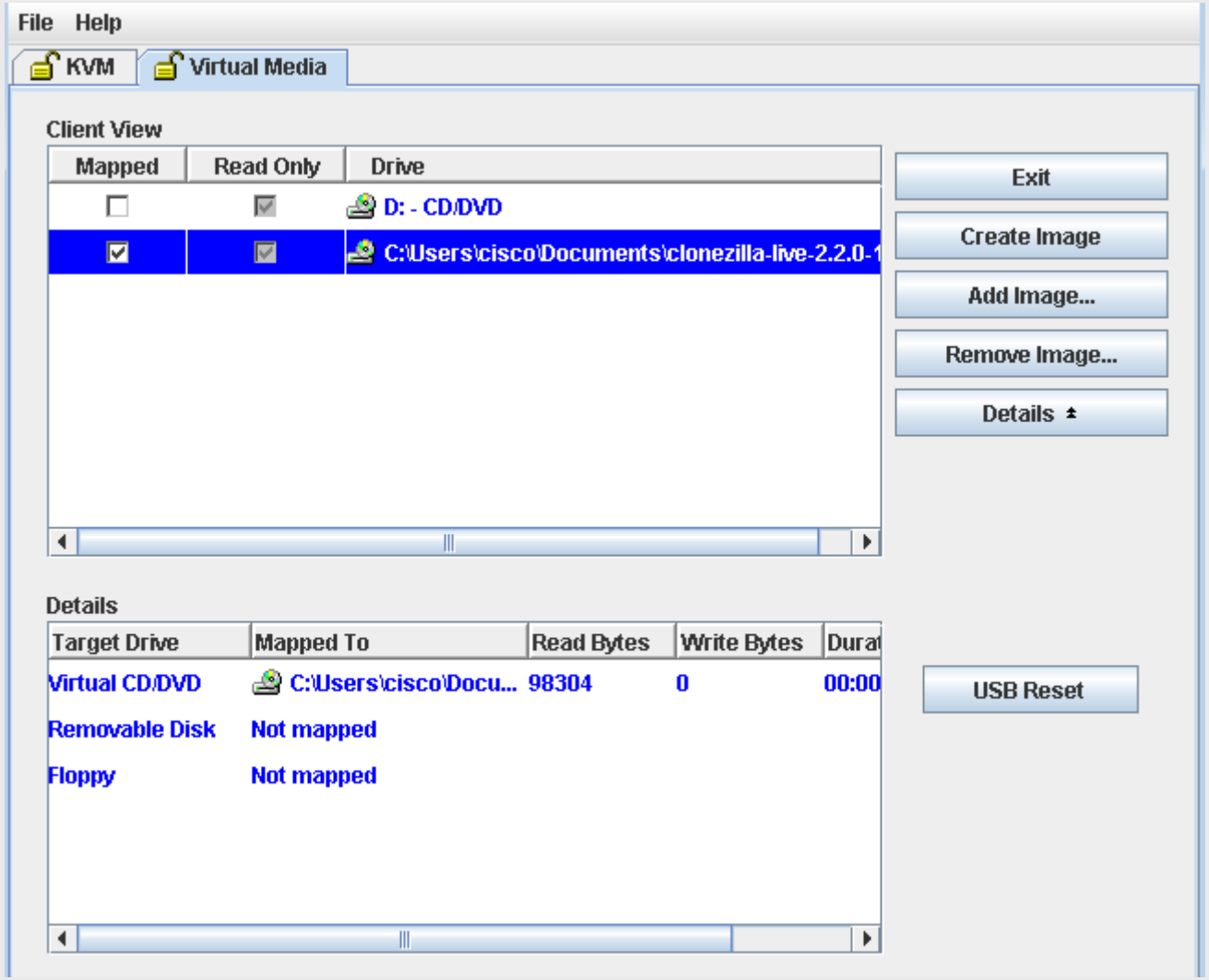
Select Clonezilla ISO – Add Image



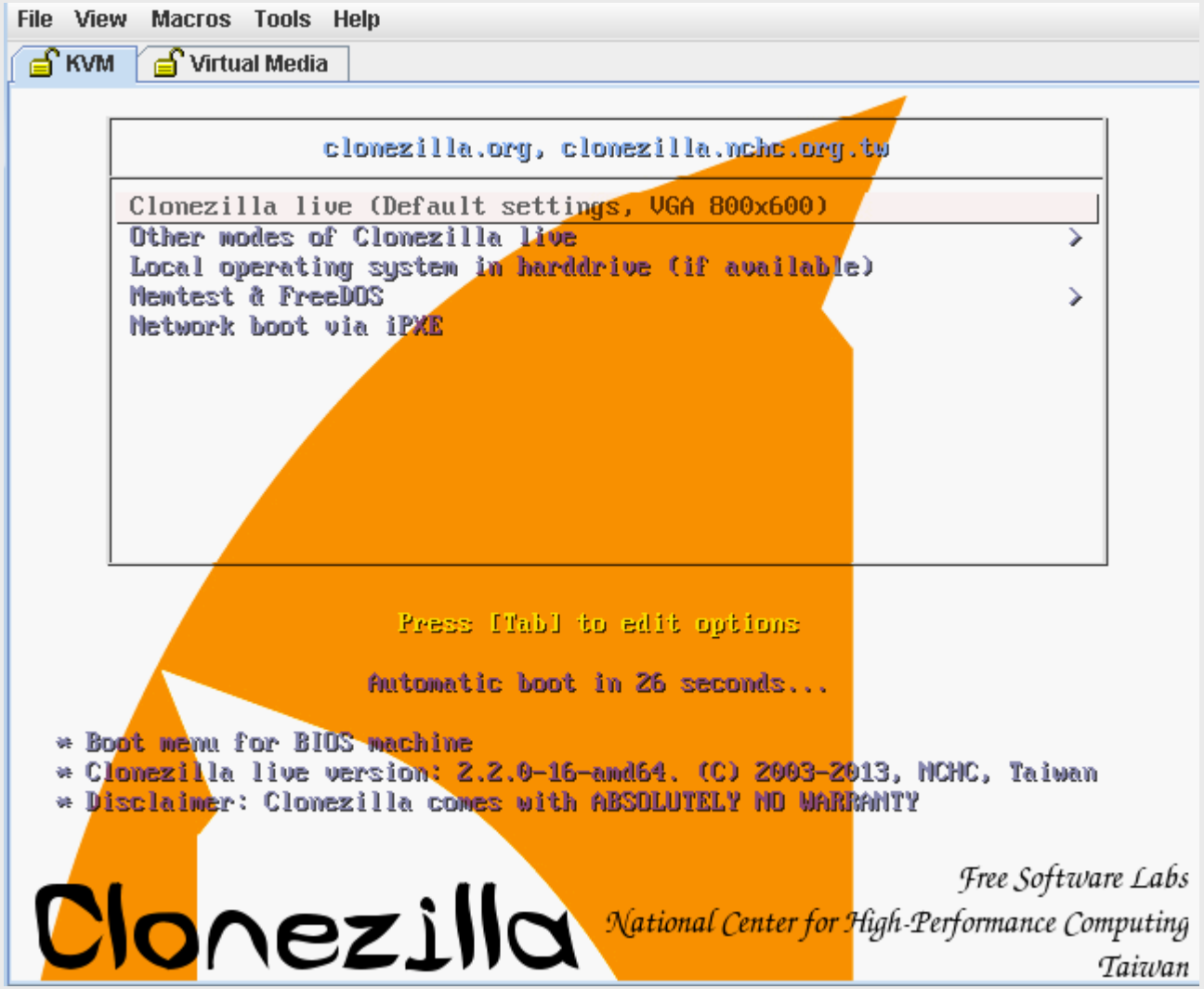
Select Clonezilla ISO



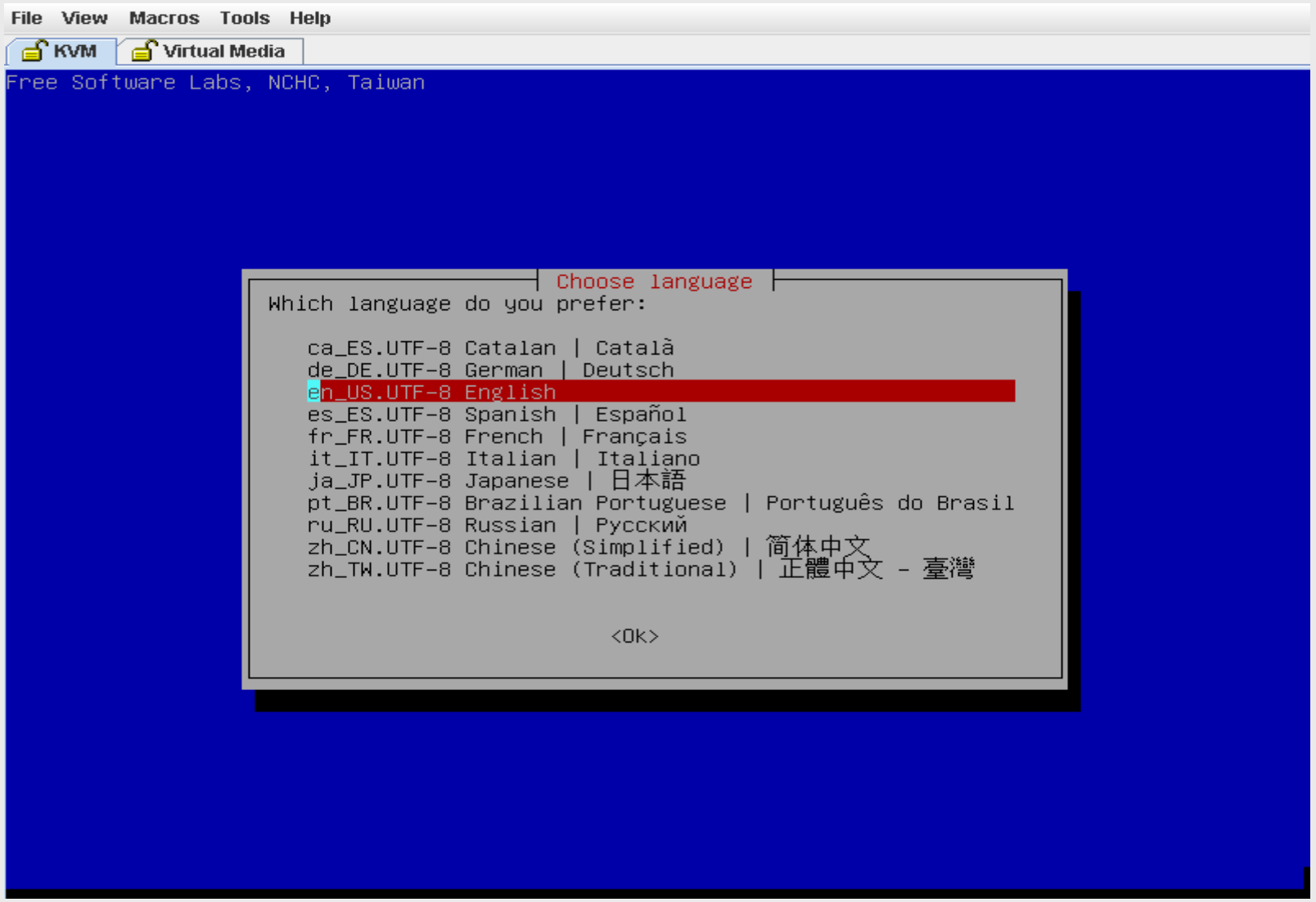
Select Clonezilla ISO – Map ISO to vDVD



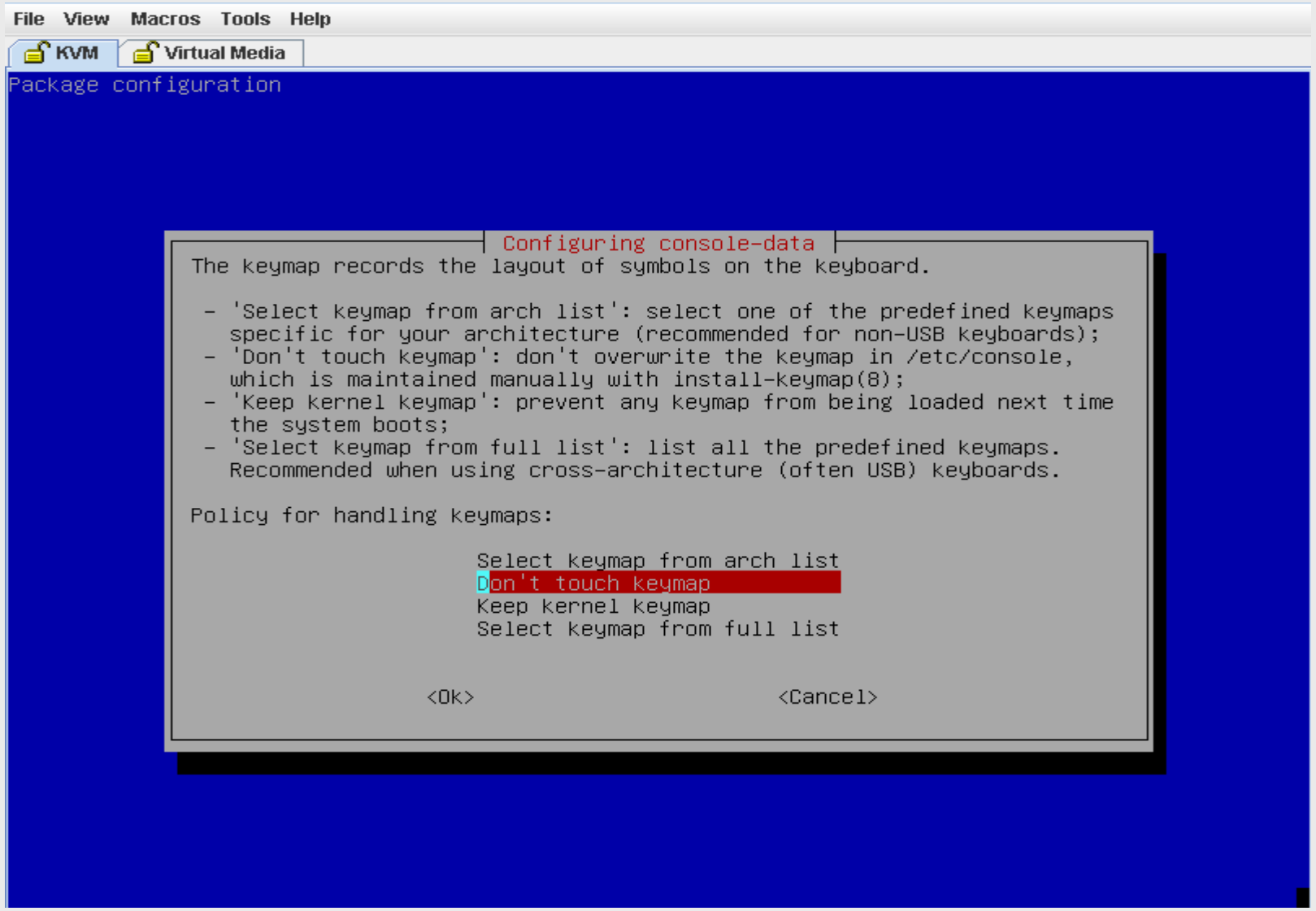
Boot Clonezilla ISO



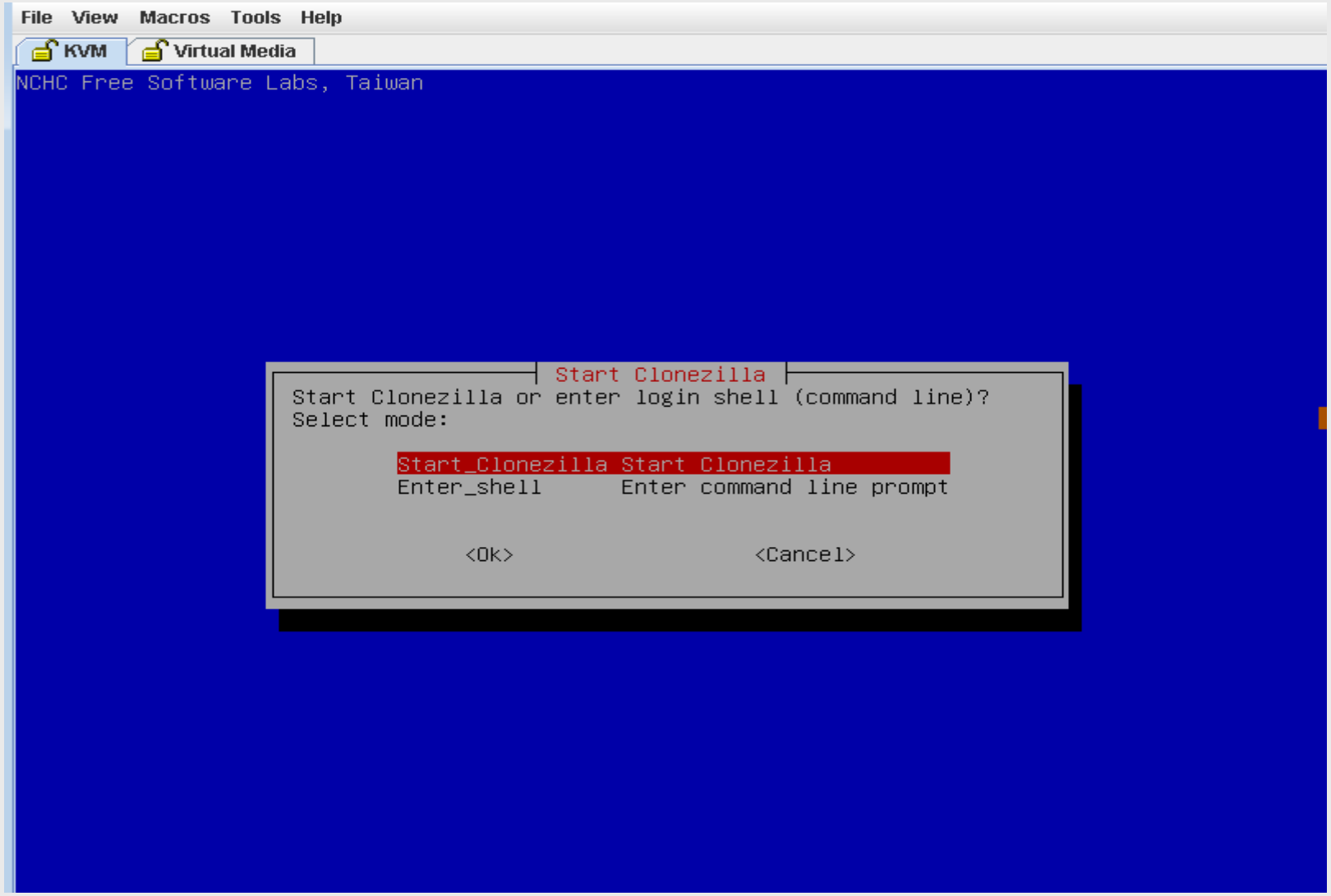
Select Language



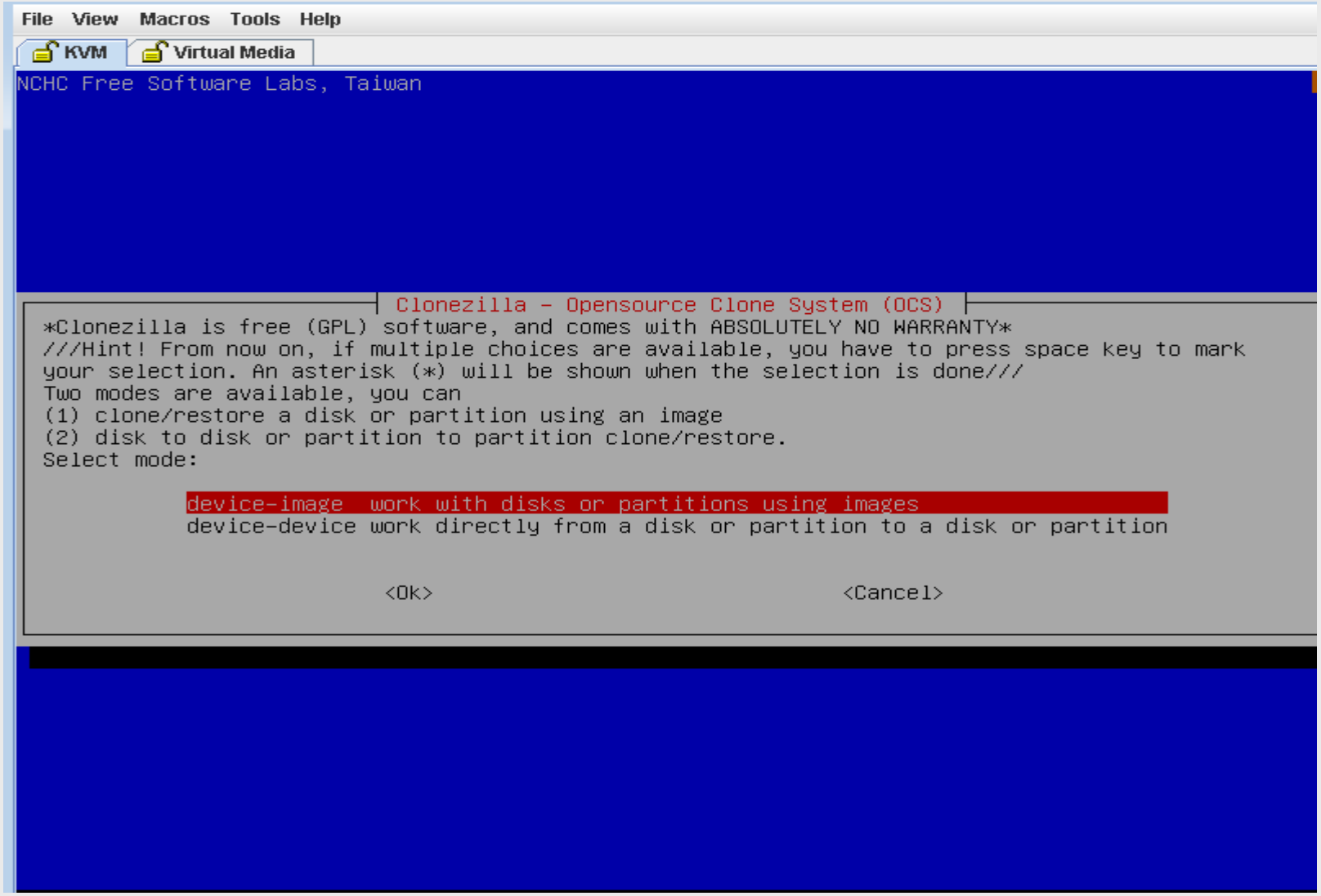
Select Keyboard Mapping



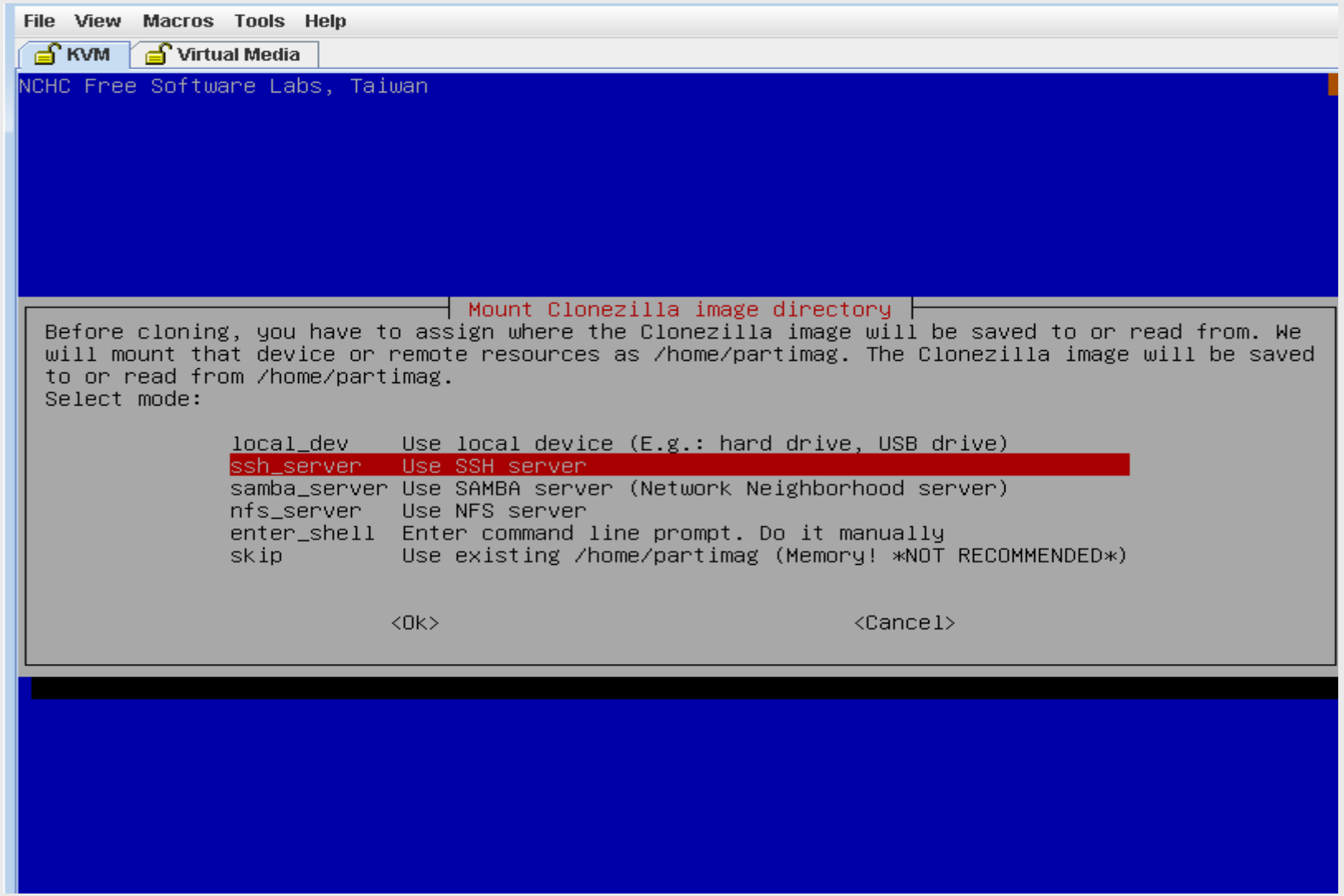
Start Clonezilla



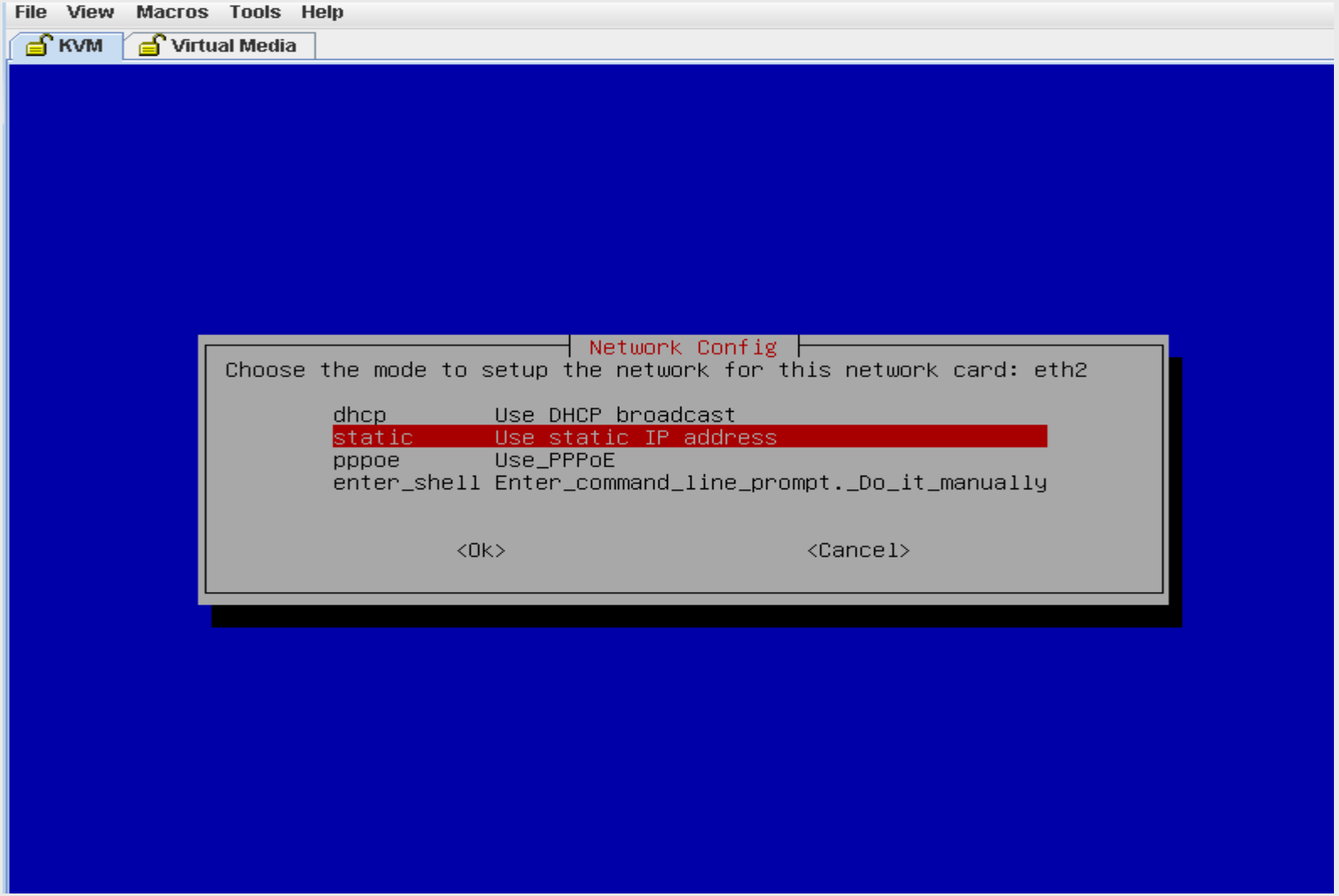
Select device-image



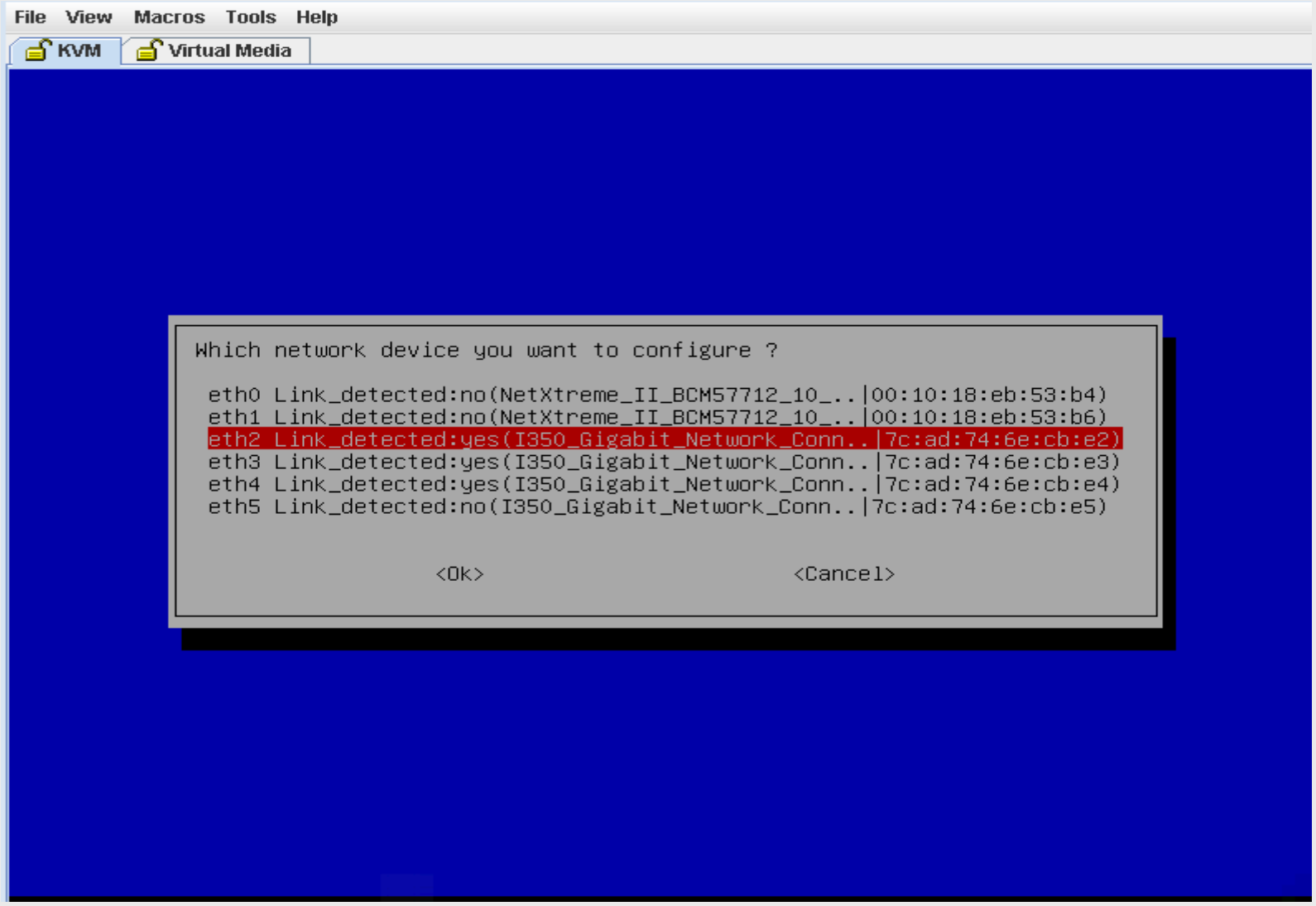
Select Image Repository - SSH Server



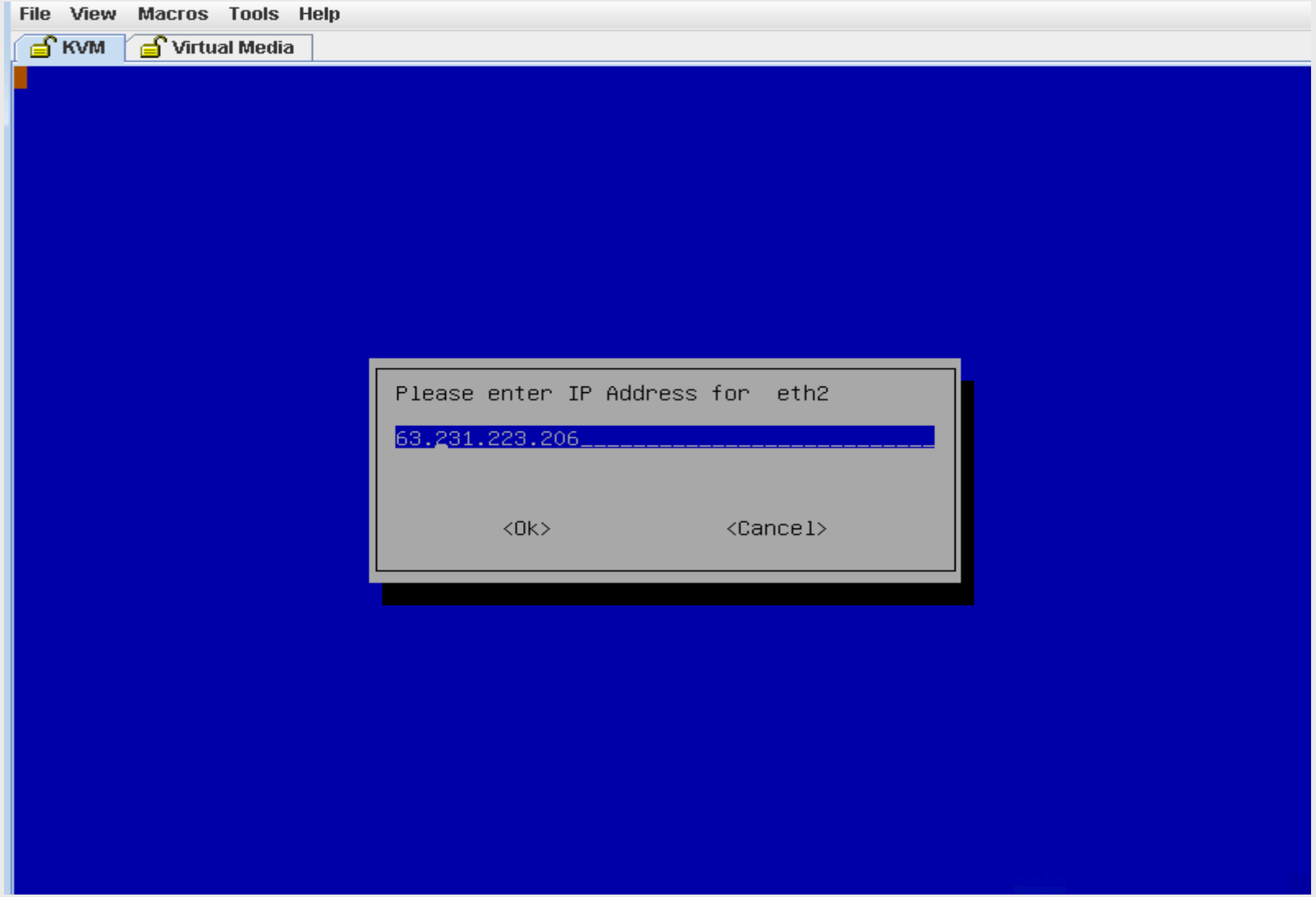
Assign Static IP



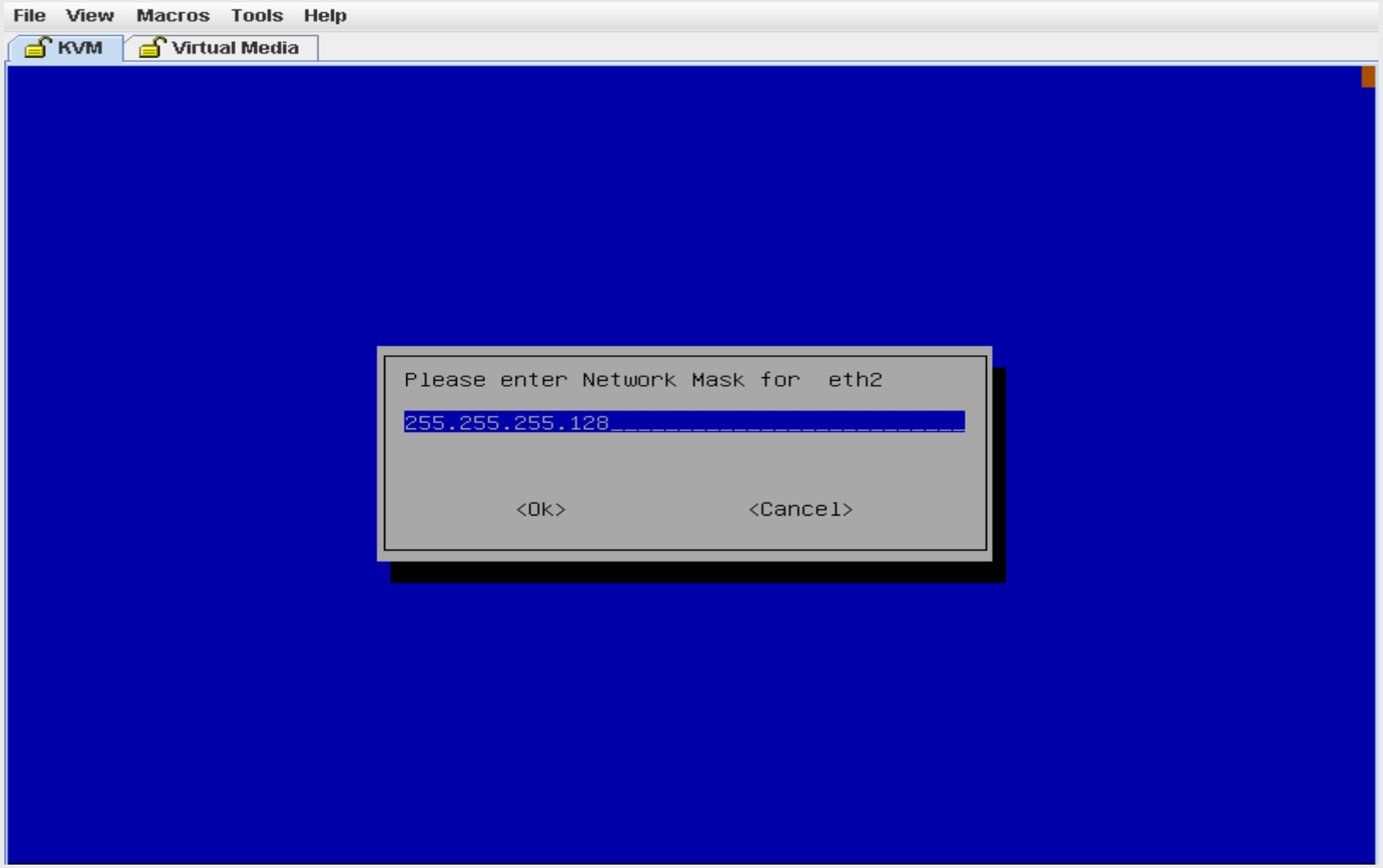
Select Ethernet0 Interface – lowest MAC address



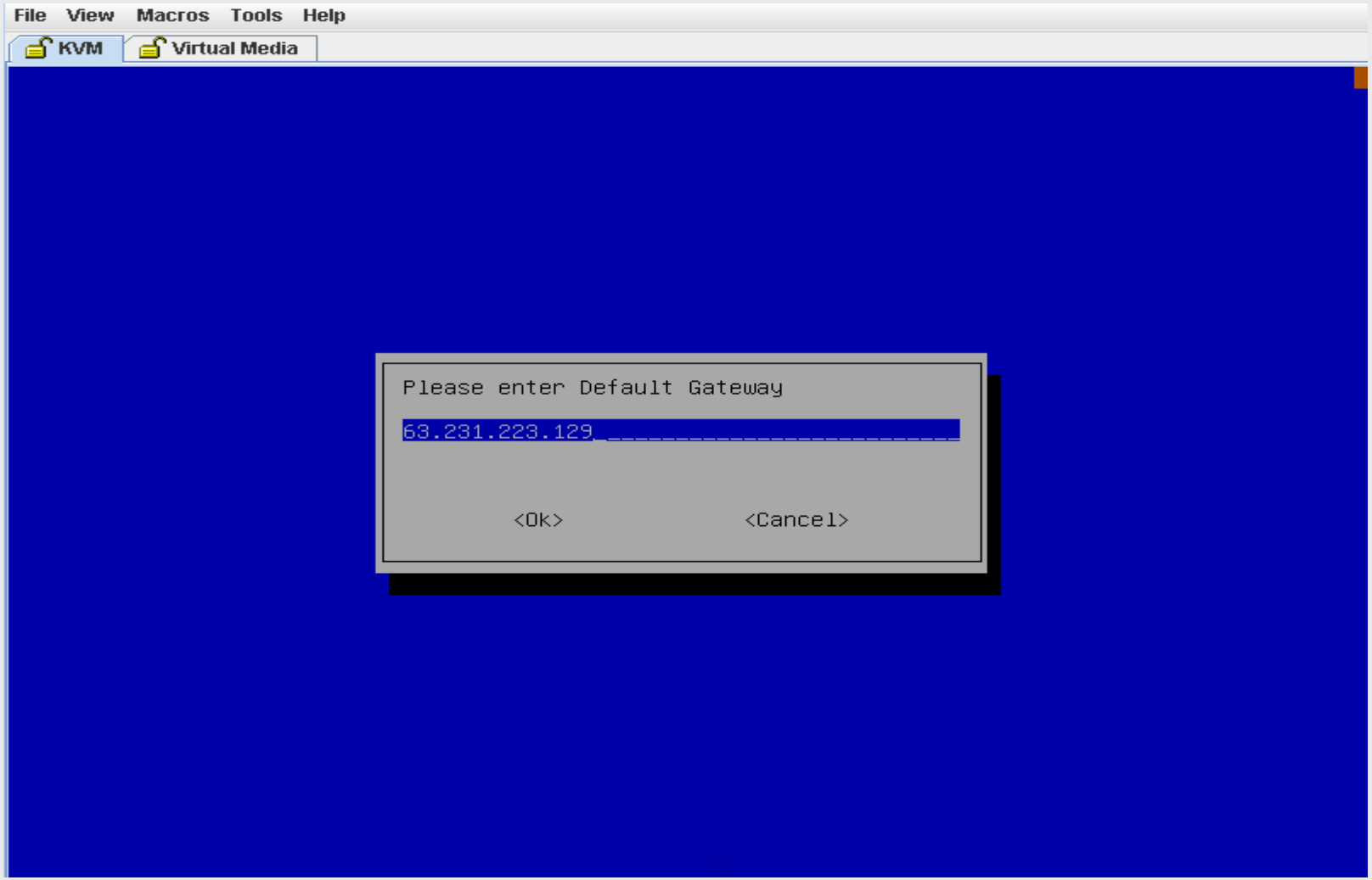
Enter Static IP



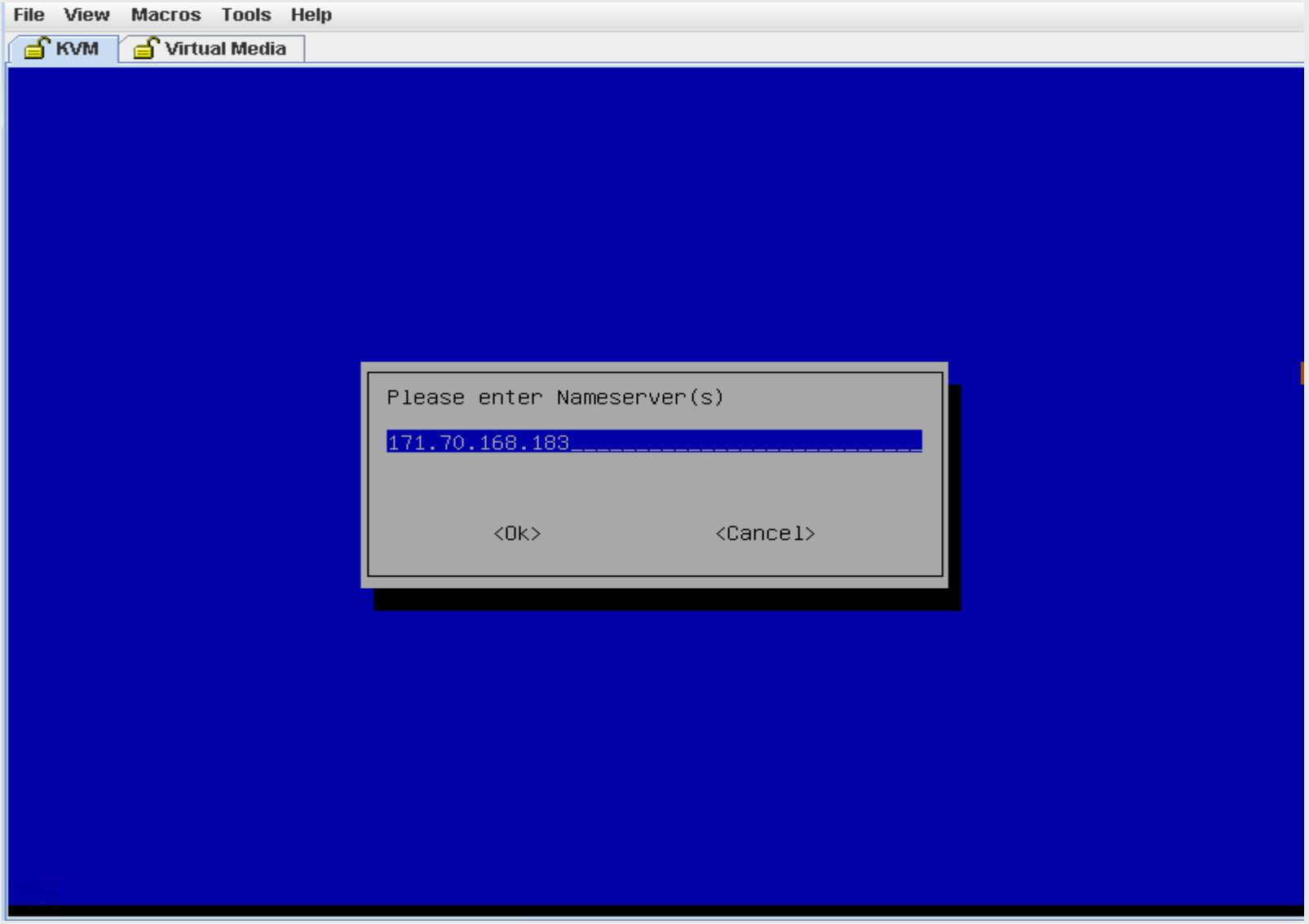
Enter Static IP Mask



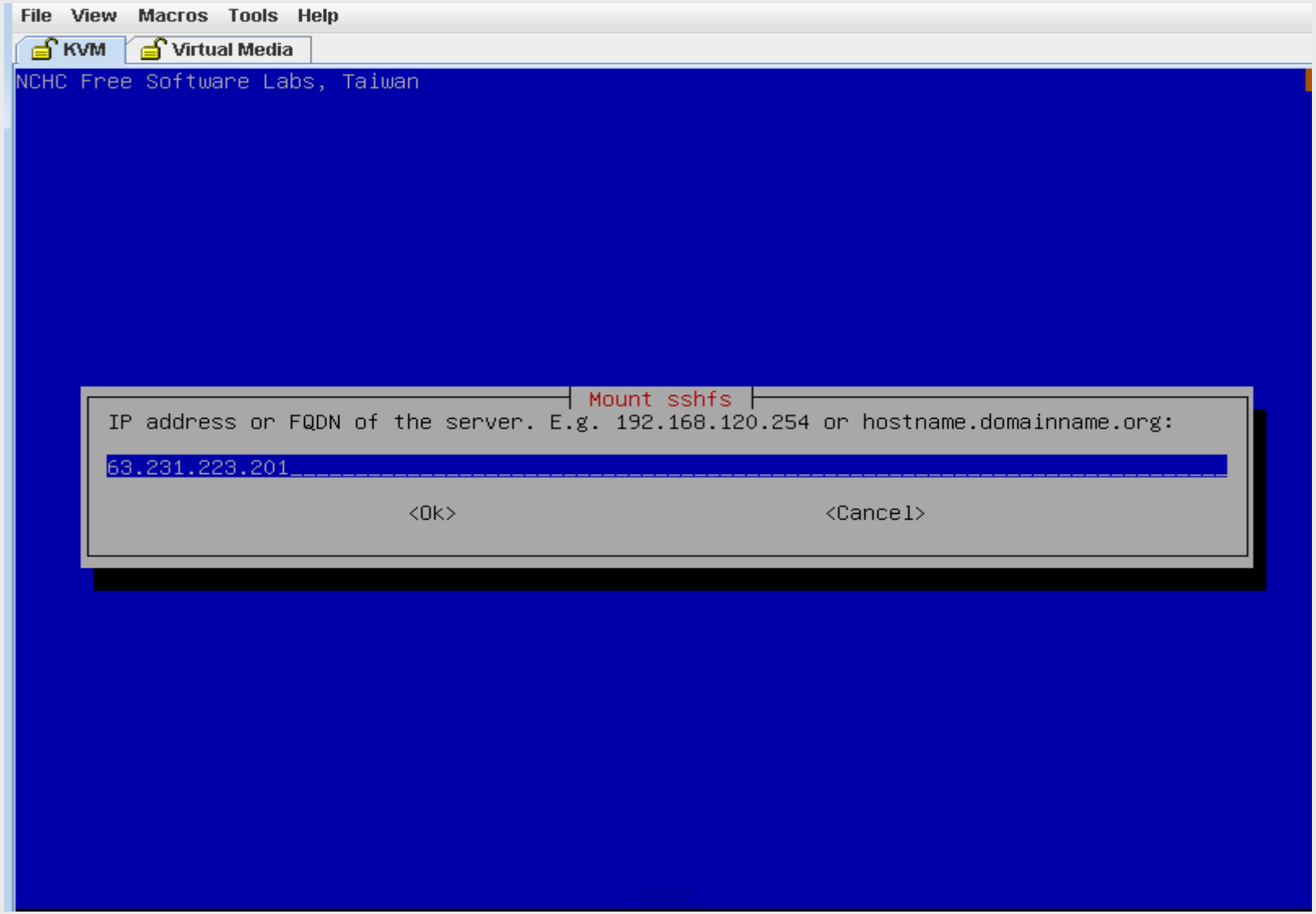
Static IP Default Gateway



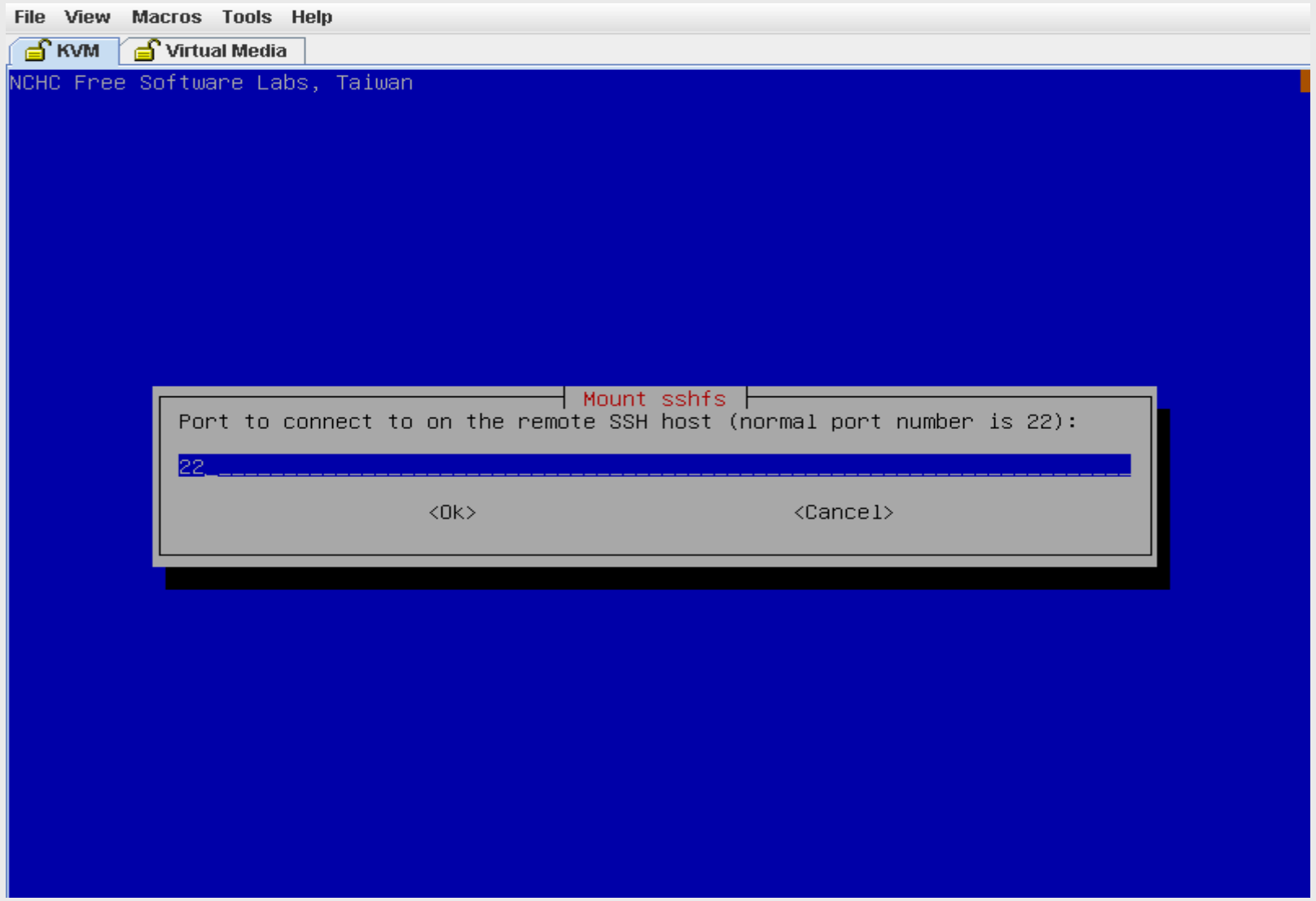
Static IP DNS



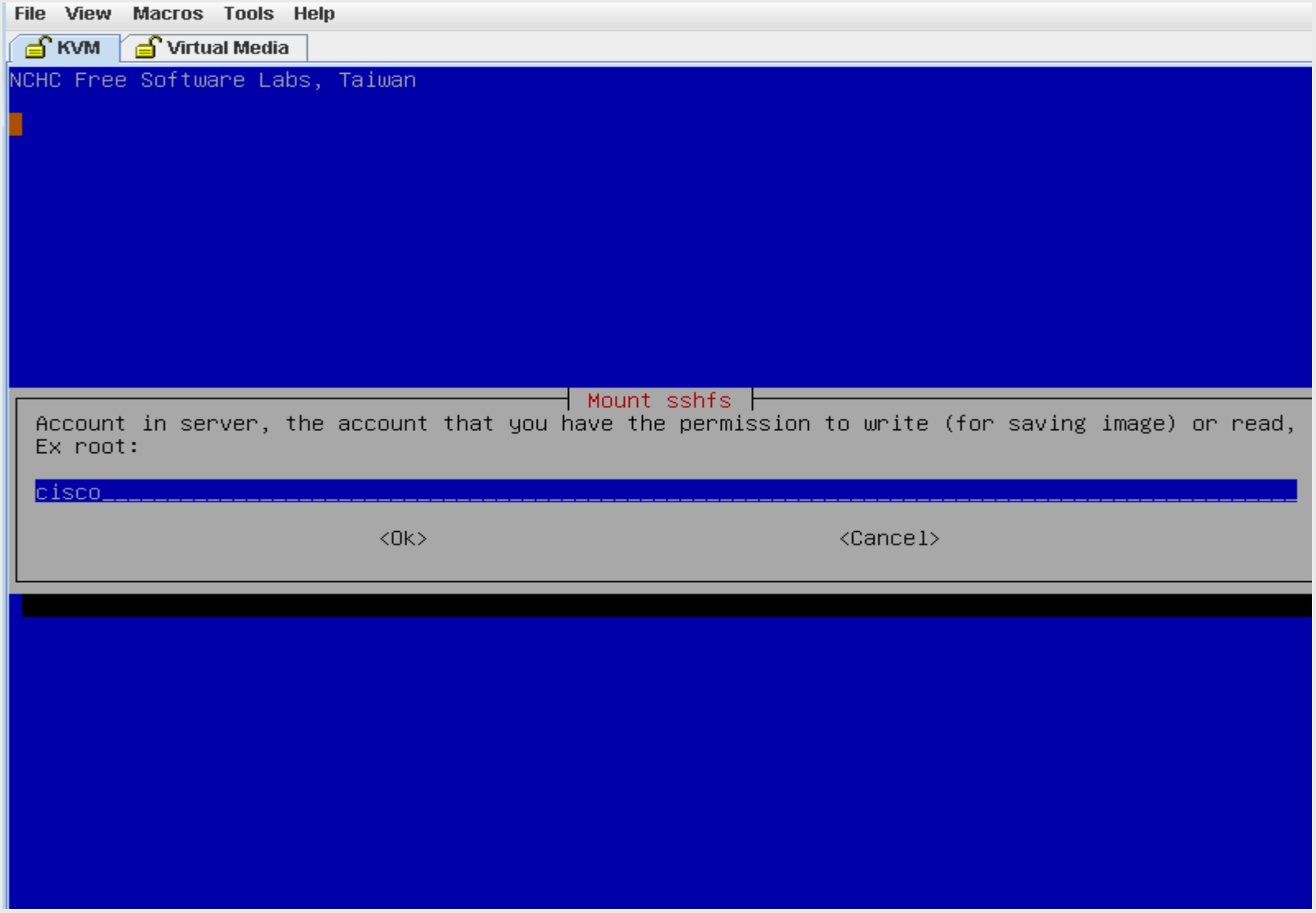
Enter Repository Server IP



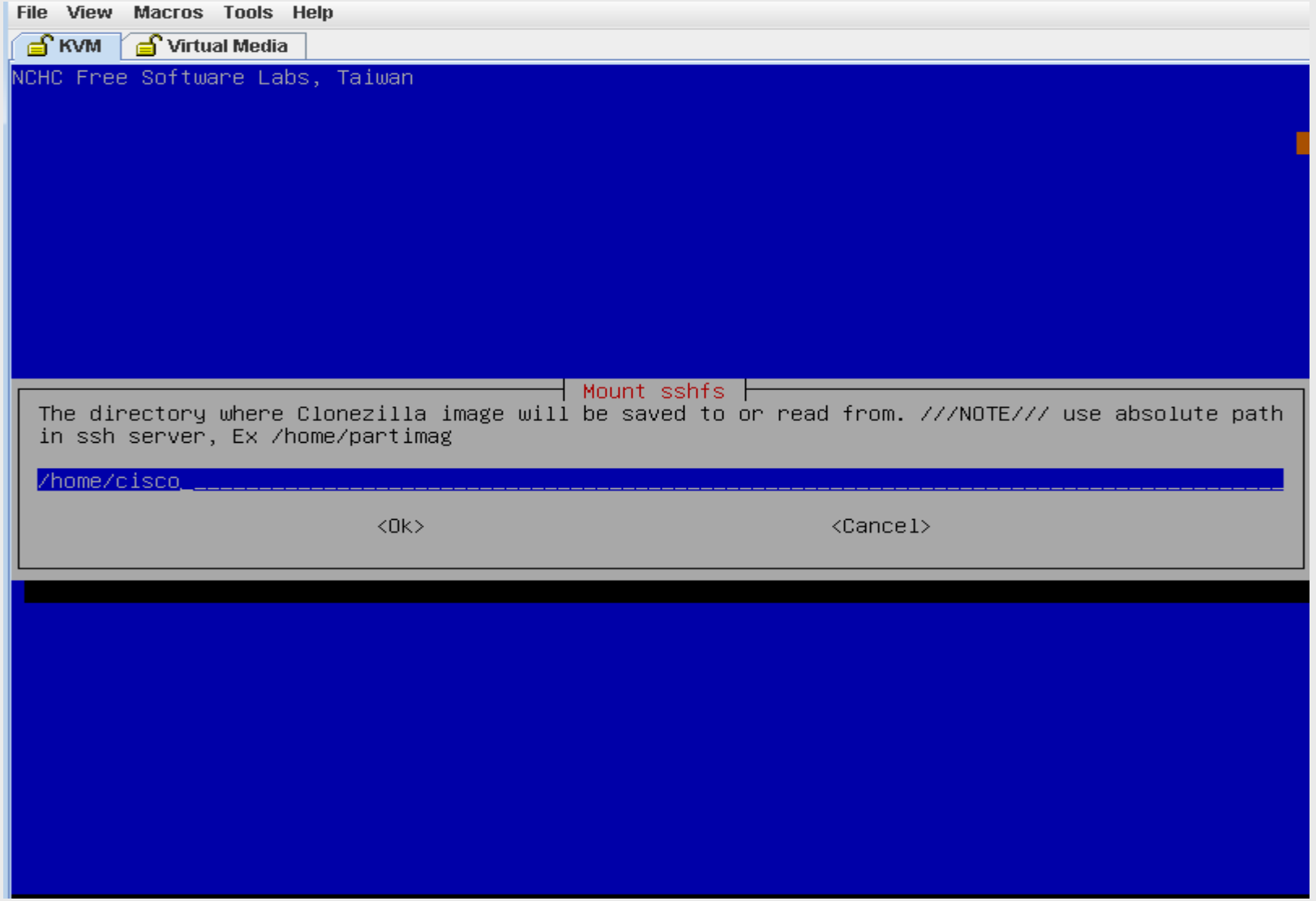
Enter Repository Server SSH Port Number



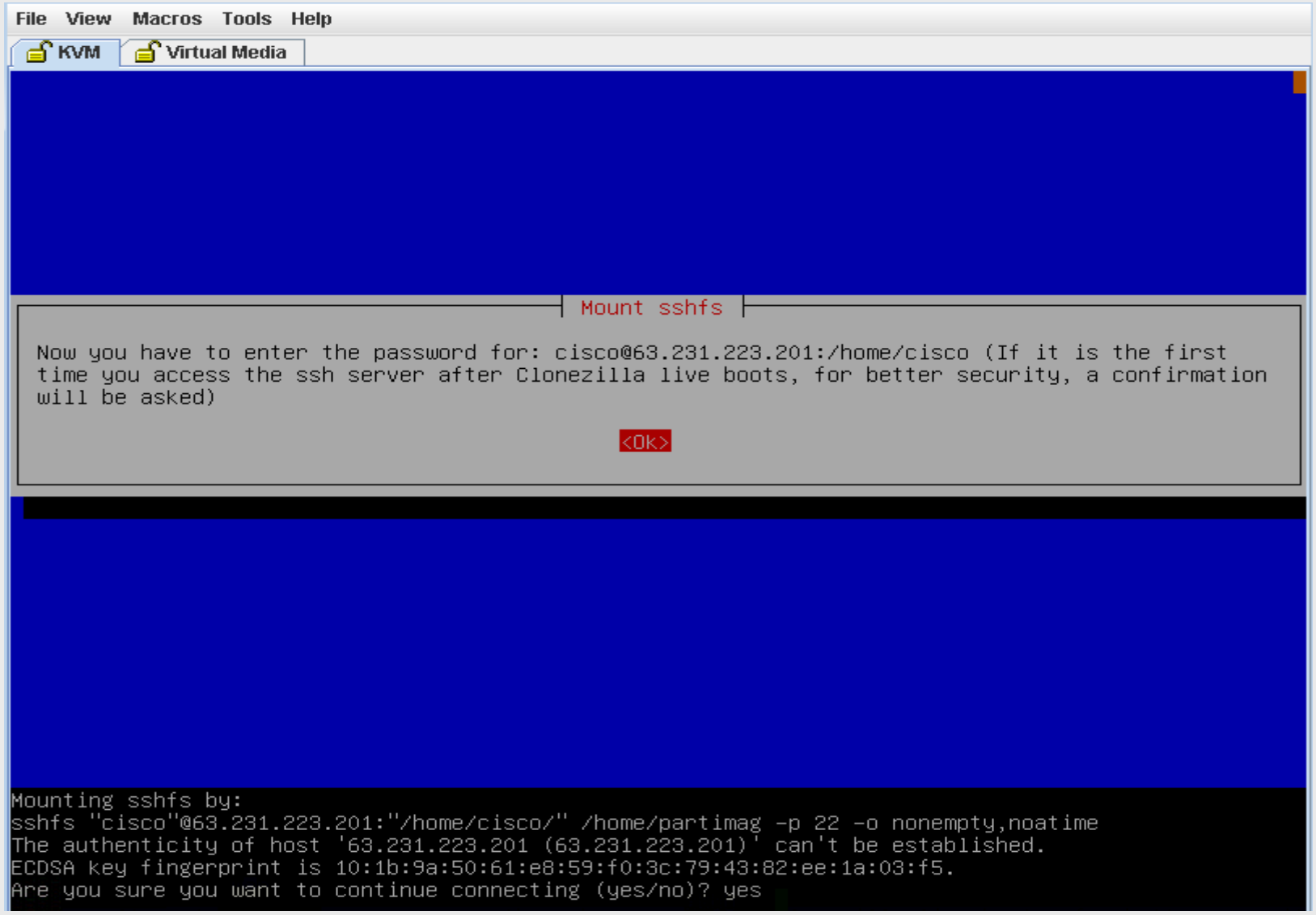
Enter Repository Server User Account



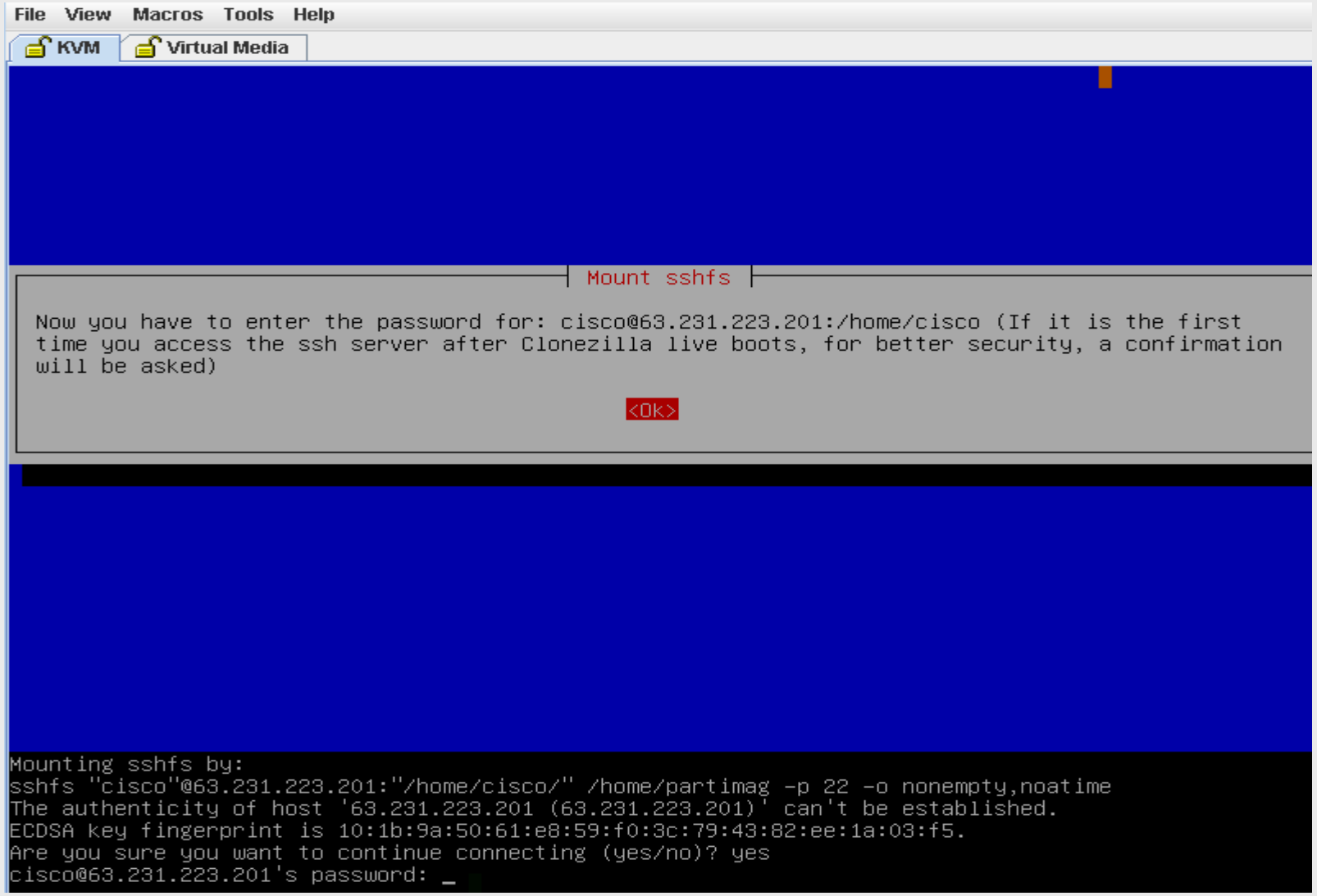
Enter Absolute Path to the image directory on the Repository Server



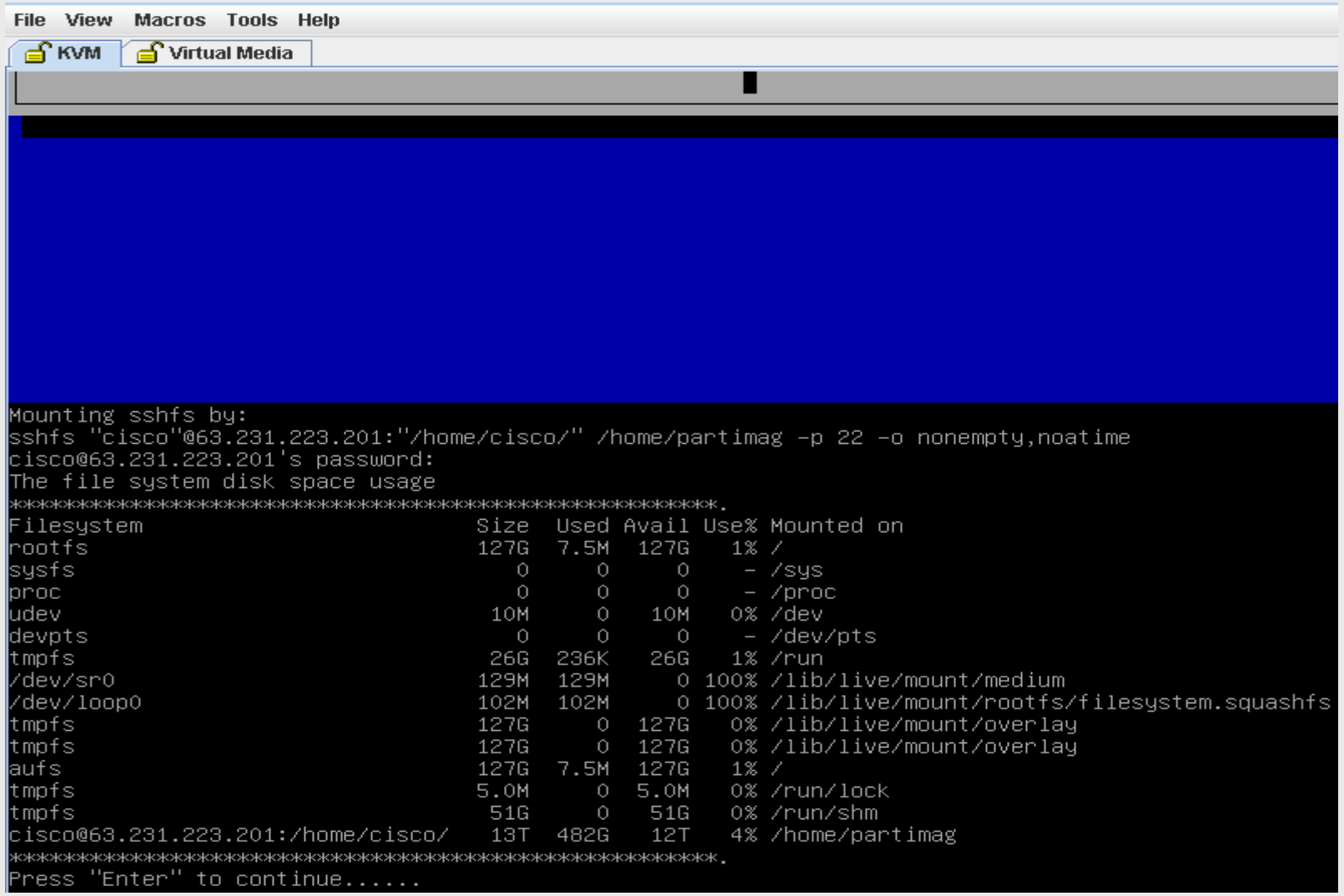
Enter Repository Server User Password



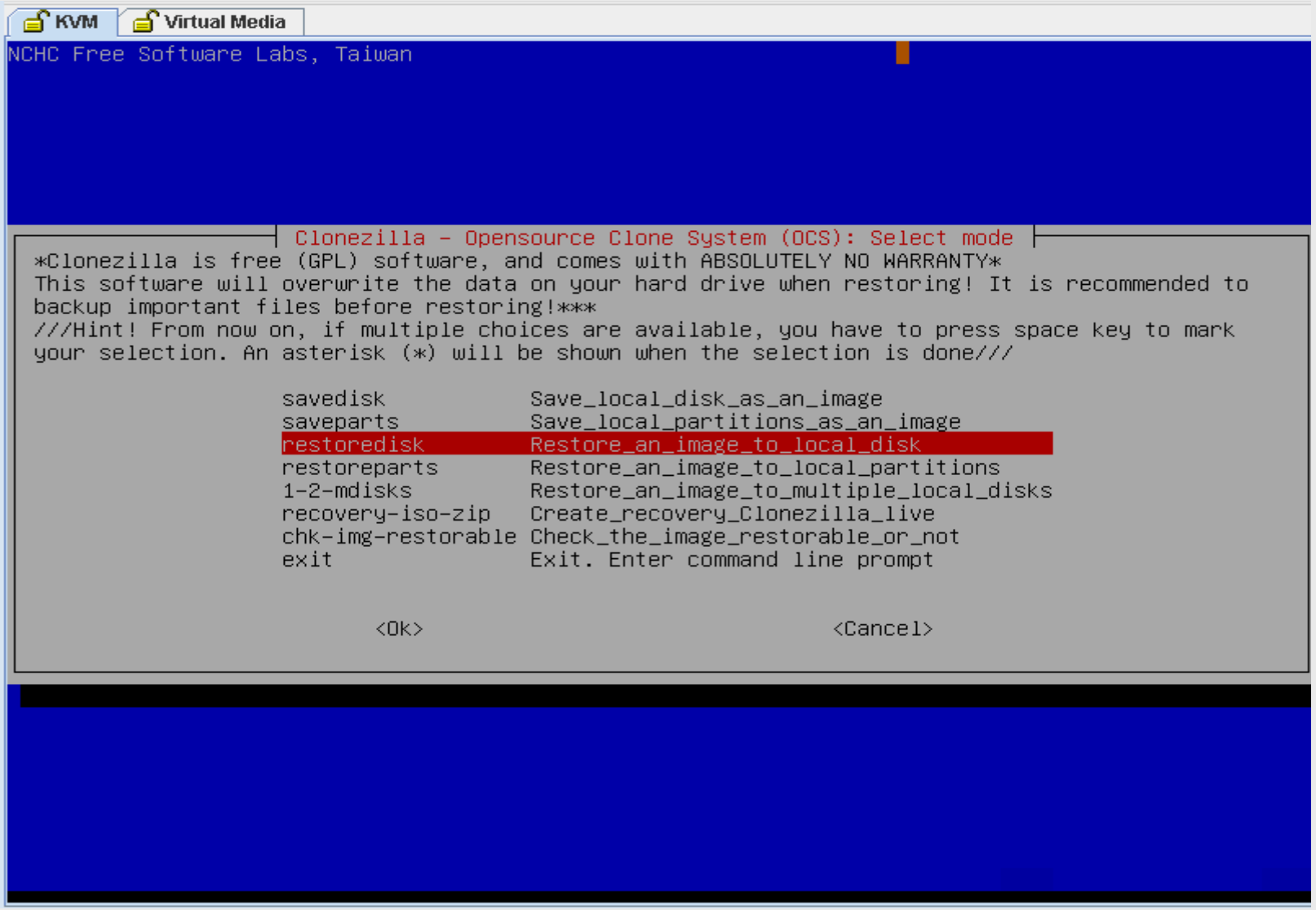
Enter Repository Server User Password Cont.



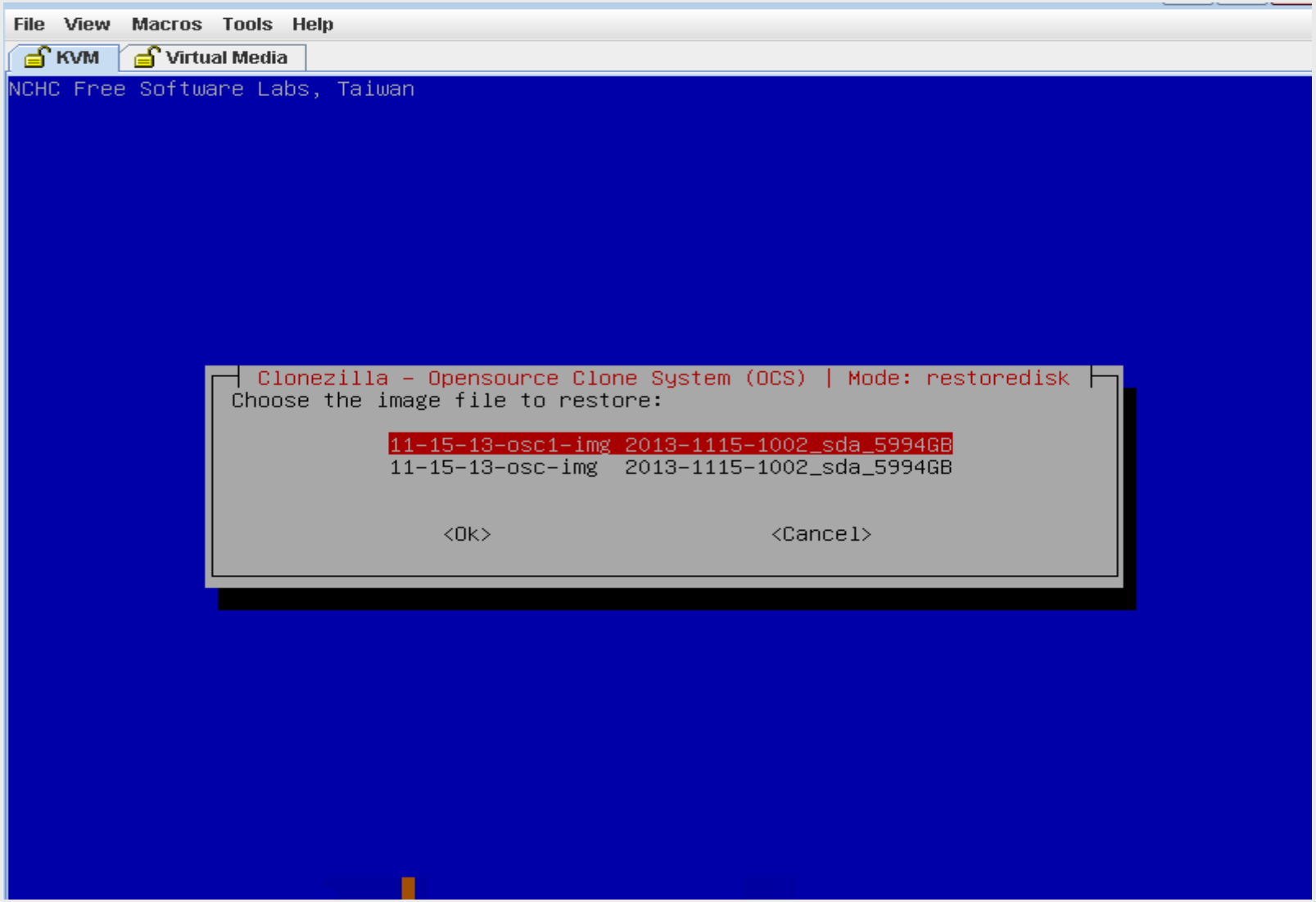
Enter Repository Server User Password Cont.



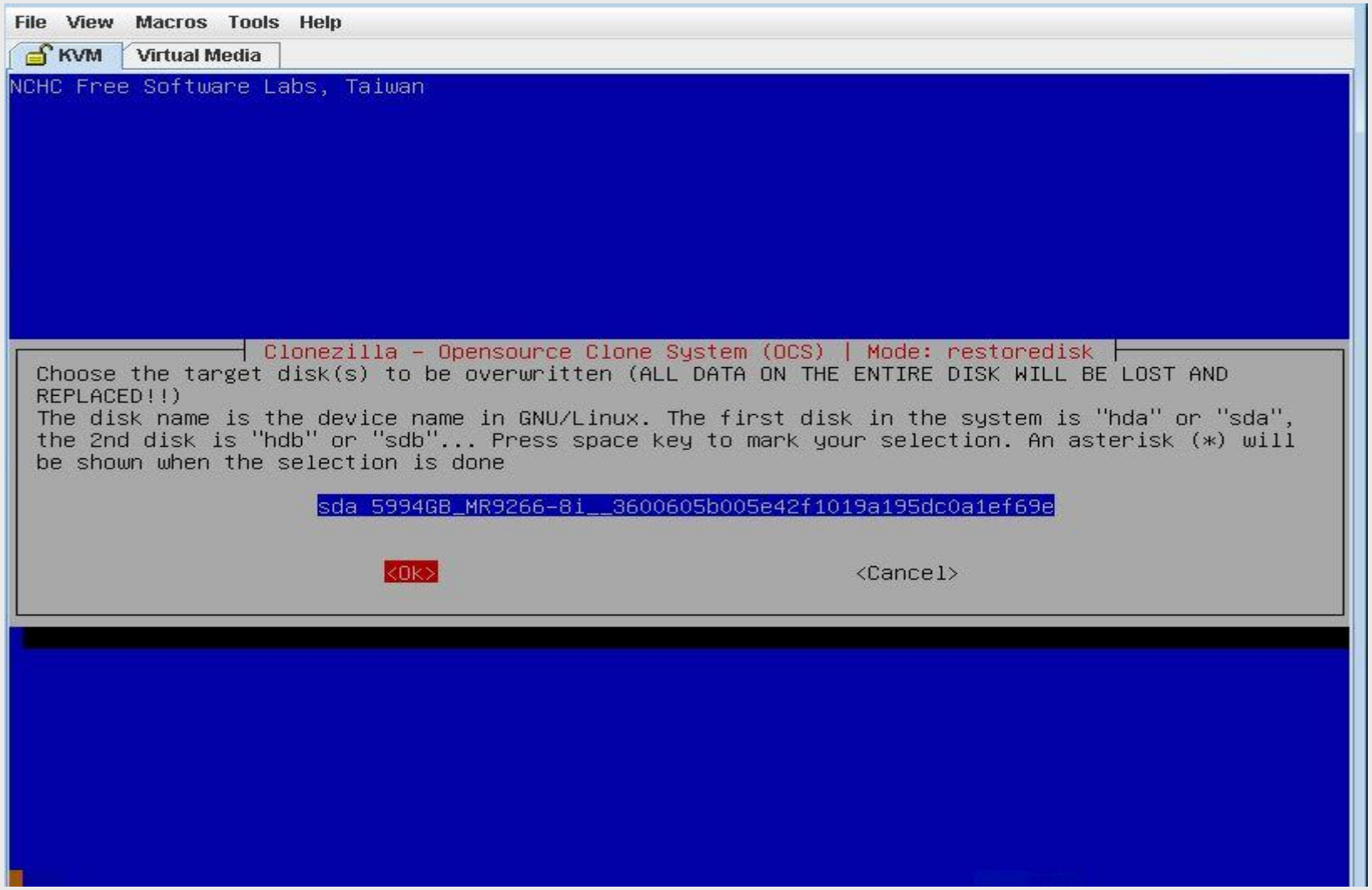
Select Clonezilla Mode – Restore Disk



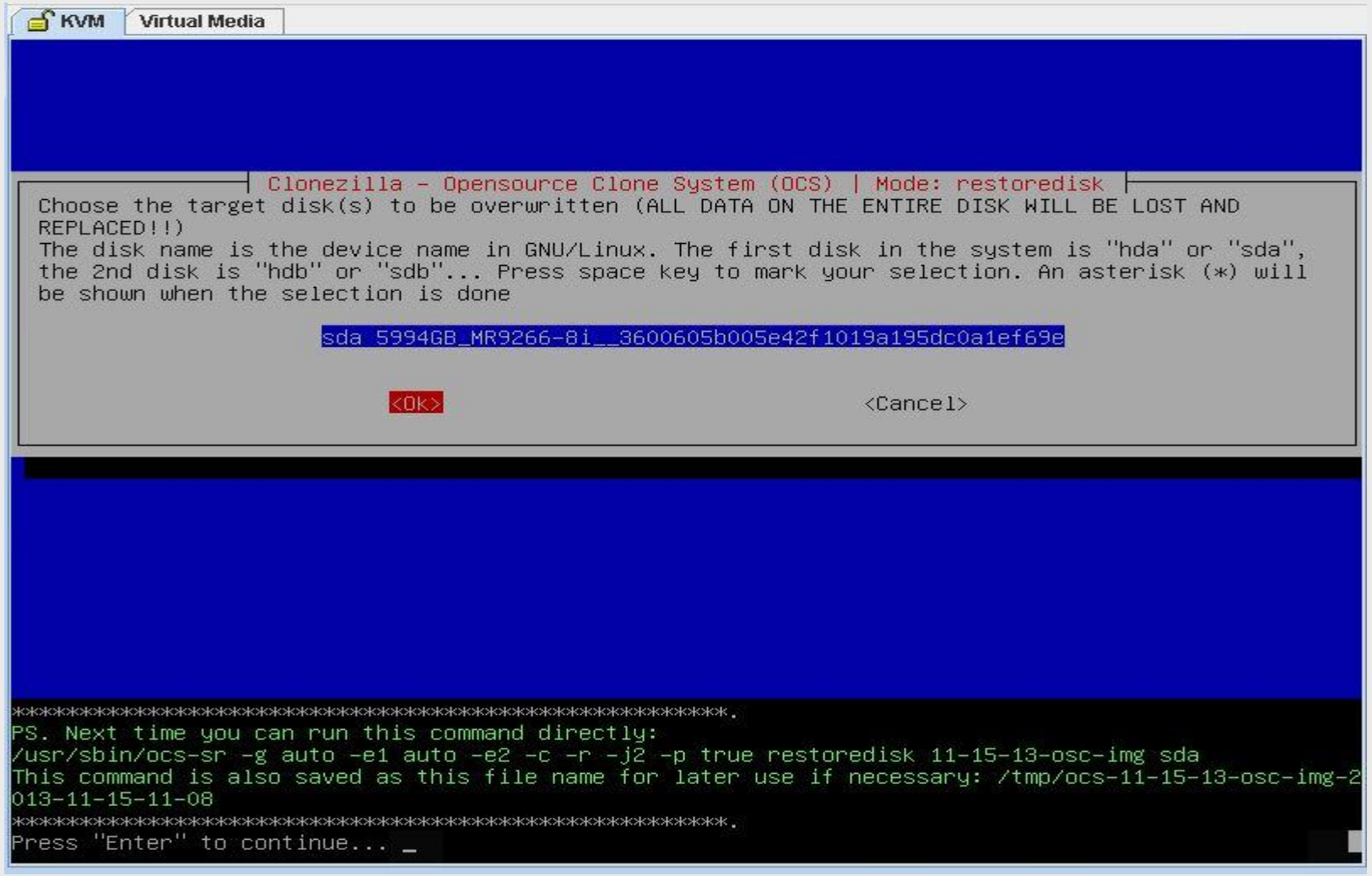
Restore Disk – Select Image : ucs05-build-img/ucs34-control-img/ucs05-compute-img



Restore Disk



Ex. Restore Disk

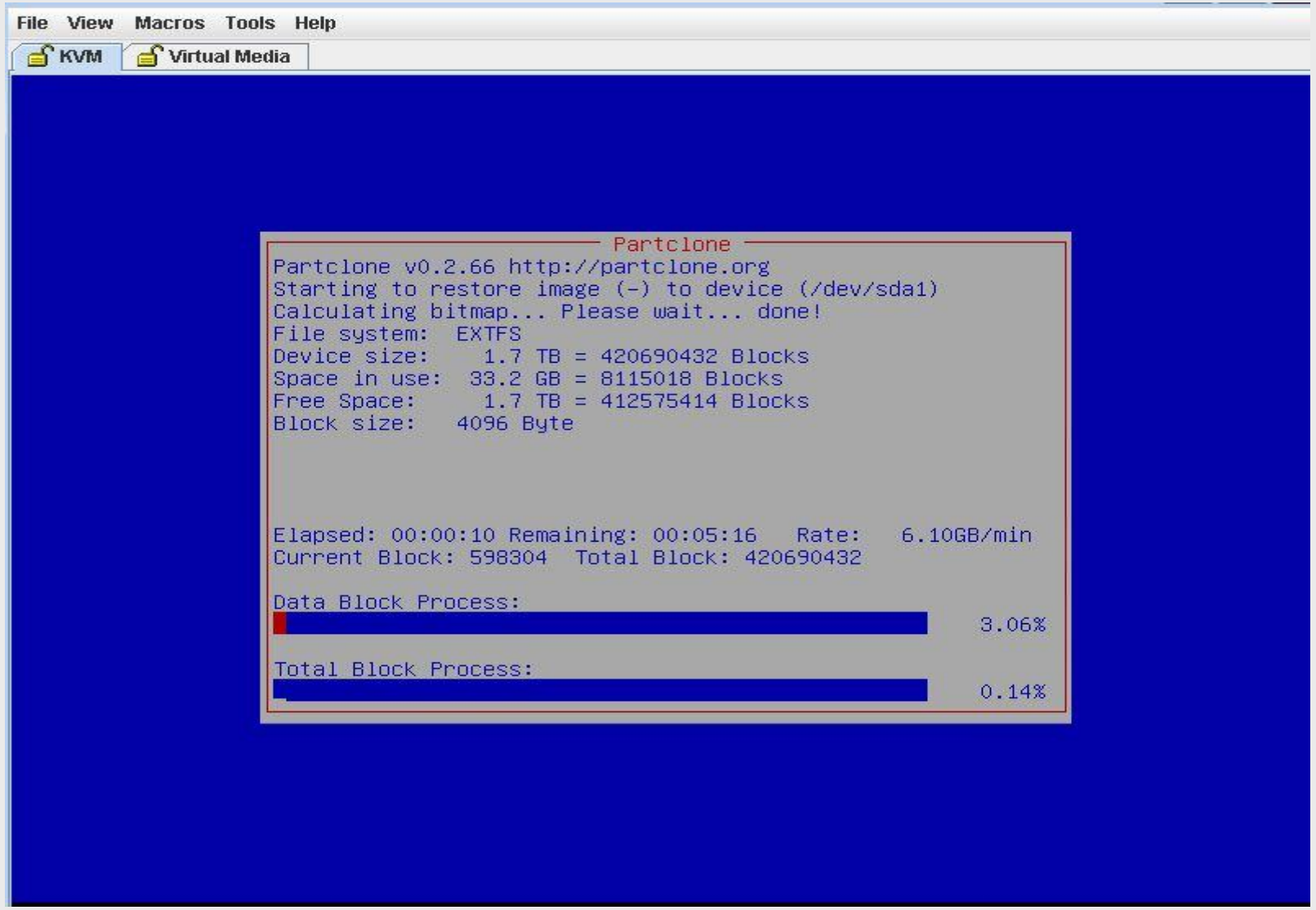


Ex. Restore Disk Cont.

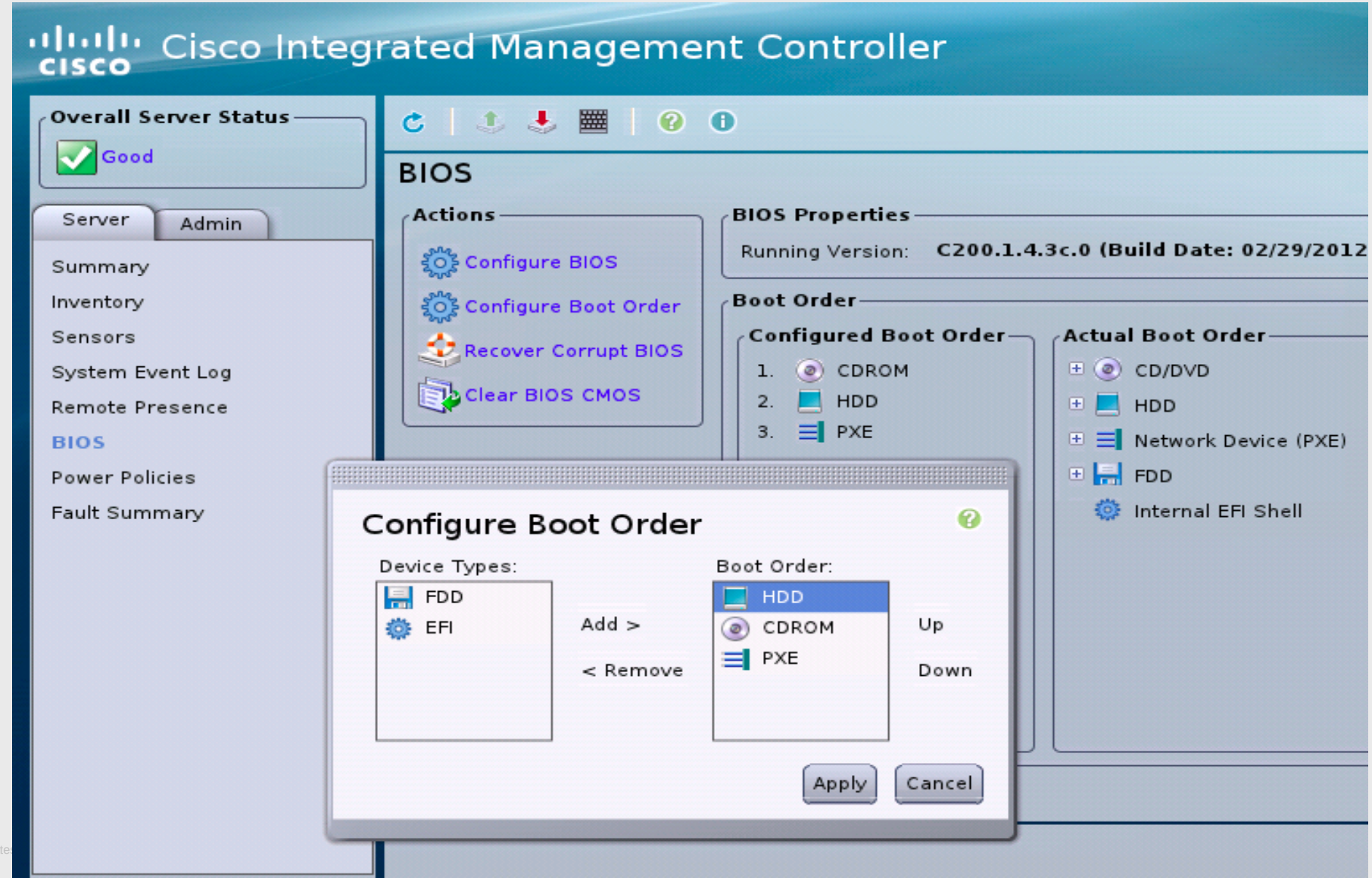
KVM | Virtual Media

```
WARNING!!! WARNING!!! WARNING!!!
WARNING! THE EXISTING DATA IN THIS HARDDISK/PARTITION(S) WILL BE OVERWRITTEN! ALL EXISTING DATA WILL
 BE LOST:
**************************************************.
Machine: UCSC-C240-M3S
sda (5994GB_MR9266-8i__3600605b005e42f1019a195dc0a1ef69e)
sda1 (1.6T_boot(In_MR9266-8i_)_3600605b005e42f1019a195dc0a1ef69e)
**************************************************.
Let me ask you again. Are you sure you want to continue?
[y/n] y
OK, let's do it!!
Shutting down the Logical Volume Manager
  No volume groups found
Finished Shutting down the Logical Volume Manager
Creating partition in /dev/sda...
Trying to clean the MBR and GPT partition table on the destination disk first: /dev/sda
[ 2850.893544]  sda: sda1 sda2 < sda5 >
Informing kernel the partition table has changed...
Informing kernel the file system has been changed.....[ 2853.997744]  sda: unknown partition table
. done!
[ 2855.110776] SQUASHFS error: Unable to read data cache entry [280d272]
[ 2855.154283] SQUASHFS error: Unable to read page, block 280d272, size 50394
strings: error while loading shared libraries: /usr/lib/libbfd-2.23.90-system.20131017.so: cannot re
ad file data: Input/output error
Non-grub boot loader found on /home/partimag/11-15-13-osc-img/sda-mbr...
The CHS value of hard drive from EDD will be used for sfdisk.
No CHS value was found from EDD info for disk /dev/sda.
**************************************************.
Fri Nov 15 11:09:19 UTC 2013
Writing the partition table...
No partition table exists in target disk /dev/sda, try to initialize one so that we can get the disk
 size by parted... Running: parted -s /dev/sda mklabel msdos
done!
Error! Destination disk (/dev/sda) size is  5.99TB, which is larger than the MBR partition table ent
ry maximum 2 TiB (~ 2.2 TB). You have to use GUID partition table format (GPT).
Program terminated!!
Press "Enter" to continue...
```

Ex. Restore Disk Cont.



Change the boot order to HDD



Ex. Restore Disk Completed - Reboot