# Increasing the C-MOR data partition of a virtual C-MOR

This document describes how to make a C-MOR disk bigger. This is often required if the pre-configured C-MOR images for virtualization were installed.

Please resize your partition in the virtual environment prior starting the resize of the partition as described here. Only resizing to a bigger disk is supported.

Download the RescueCD from http://www.system-rescue-cd.org/. Connect the ISO Image or the CD/USB to your C-MOR and boot from it. Select 1. From the boot menu:
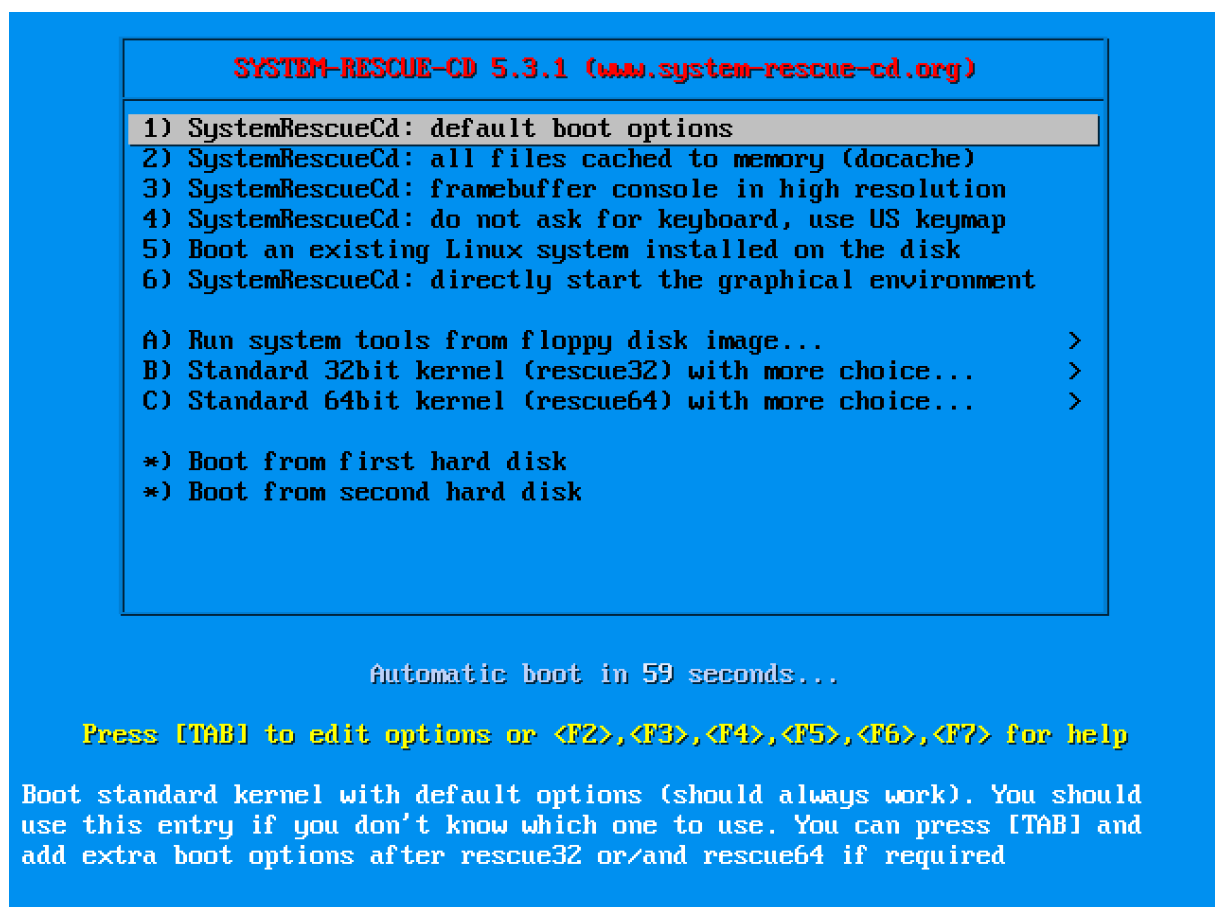
Select your keyboard layout:

```
[    1.904933] Freeing unused kernel memory: 25300K
[    1.921222] Write protecting the kernel read-only data: 20480k
[    1.923027] Freeing unused kernel memory: 2020K
[    1.928589] Freeing unused kernel memory: 1616K
[    1.934009] x86/mm: Checked W+X mappings: passed, no W+X pages found.
[    1.934767] x86/mm: Checking user space page tables
[    1.939981] x86/mm: Checked W+X mappings: passed, no W+X pages found.
[    1.940541] rodata_test: all tests were successful
>> Loading kernel modules...
>> Waiting 1 seconds...
>> Loading keymaps
Please select a keymap from the following list by typing in the appropriate
name or number. You should prefer the name to the number (for example
type 'fr' instead of '16'). Hit Enter for the default 'us' keymap.

  1 azerty    2 be         3 bg       4 br-a     5 br-l     6 by        7 cf
  8 croat     9 cz        10 de      11 dk      12 dvorak  13 es       14 et
 15 fi       16 fr        17 gr      18 hu      19 il      20 is       21 it
 22 jp       23 la        24 lt      25 mk      26 nl      27 no       28 pl
 29 pt       30 ro        31 ru      32 se      33 sg      34 sk-y     35 sk-z
 36 slovene 37 trf        39 ua      40 uk      41 us      42 wangbe   43 fr_CH
 44 speakup 45 cs_CZ      46 de_CH   47 sg-lat1 48 fr-bepo 49 colemak 50 de_neo

default choice (US keymap) will be used if no action within 20 seconds
<< Load keymap (Enter for default):
```

Start the X Windows environment by entering "startx":

```
=========== SystemRescue-Cd ----- 5.3.1 =========== tty1/6 ==
             http://www.system-rescue-cd.org/

* Type net-setup eth0 to specify ethernet configuration.
* If your PC is on an ethernet local network, you can configure by hand:
   - ifconfig eth0 192.168.x.a (your static IP address)
   - route add default gw 192.168.x.b (IP address of the gateway)

* To be sure there is an ssh server running, type /etc/init.d/sshd start.
   You will need to create an user or to change the root password with passwd.

* Available console text editors : nano, vim, qemacs, zile, joe.
* Web browser in the console: elinks www.web-site.org.

* Ntfs-3g : If you need a full Read-Write NTFS access, use Ntfs-3g.
   Mount the disk: ntfs-3g /dev/sda1 /mnt/windows

* Graphical environment :
   Type startx to run the graphical environment
   X.Org comes with the XFCE environment and several graphical tools:
   - Partition manager:..gparted
   - Web browsers:.......firefox
   - Text editors:.......gvim and geany


root@sysresccd /root % startx
```
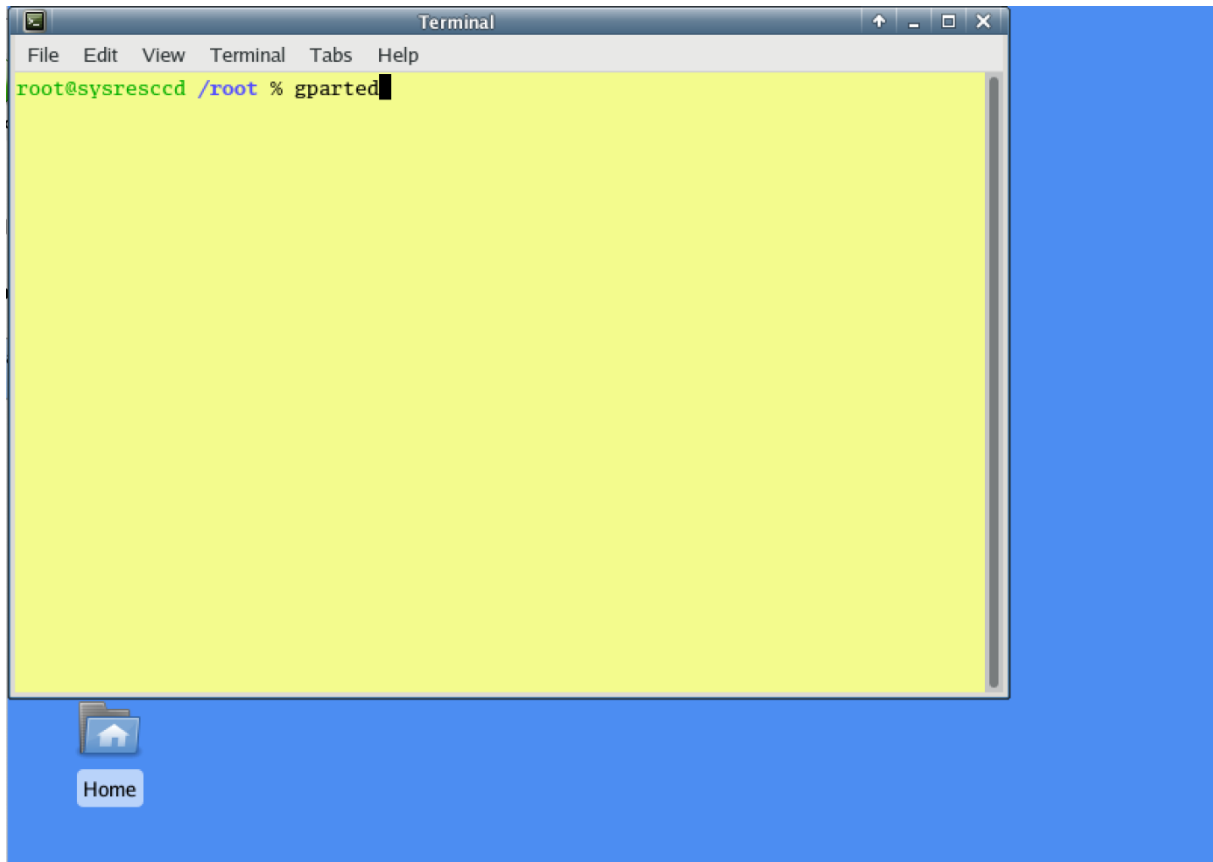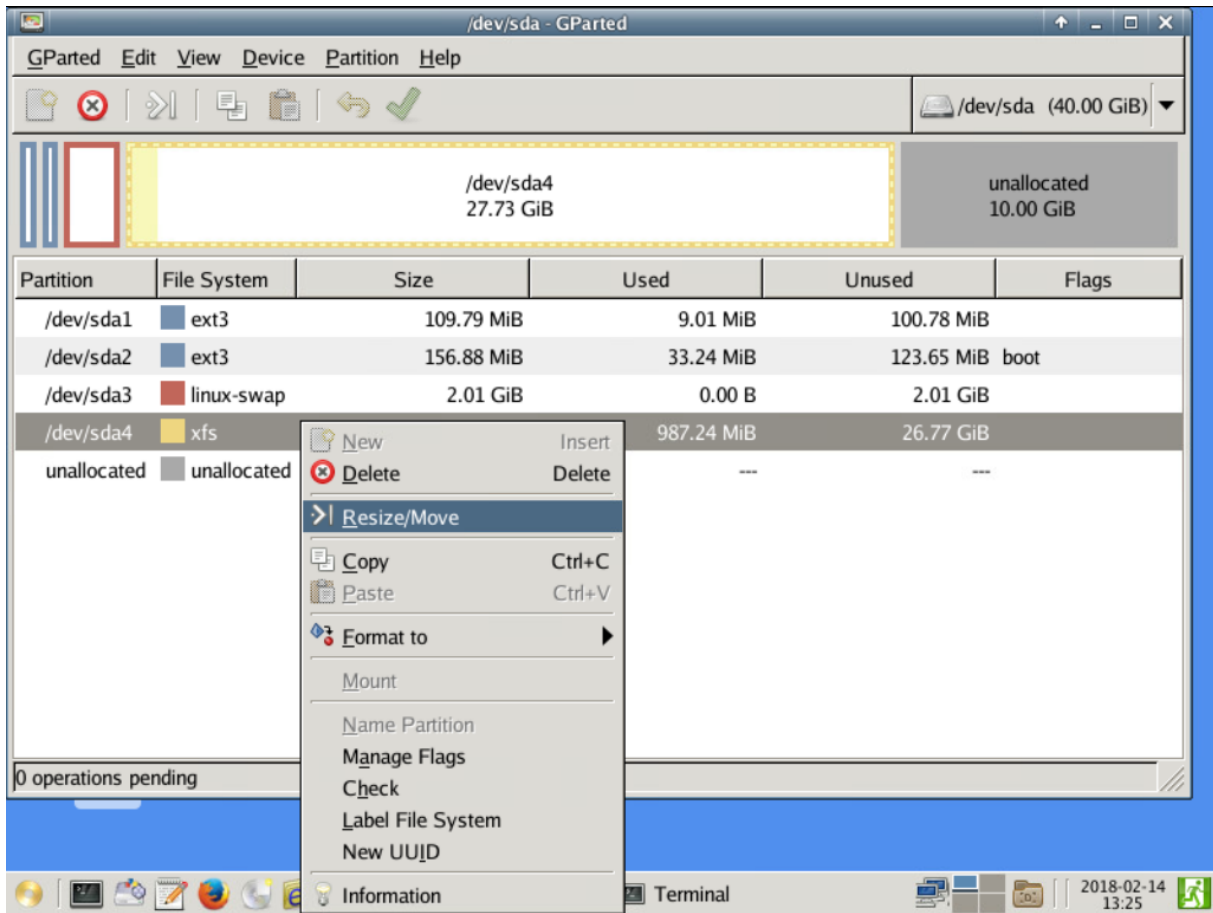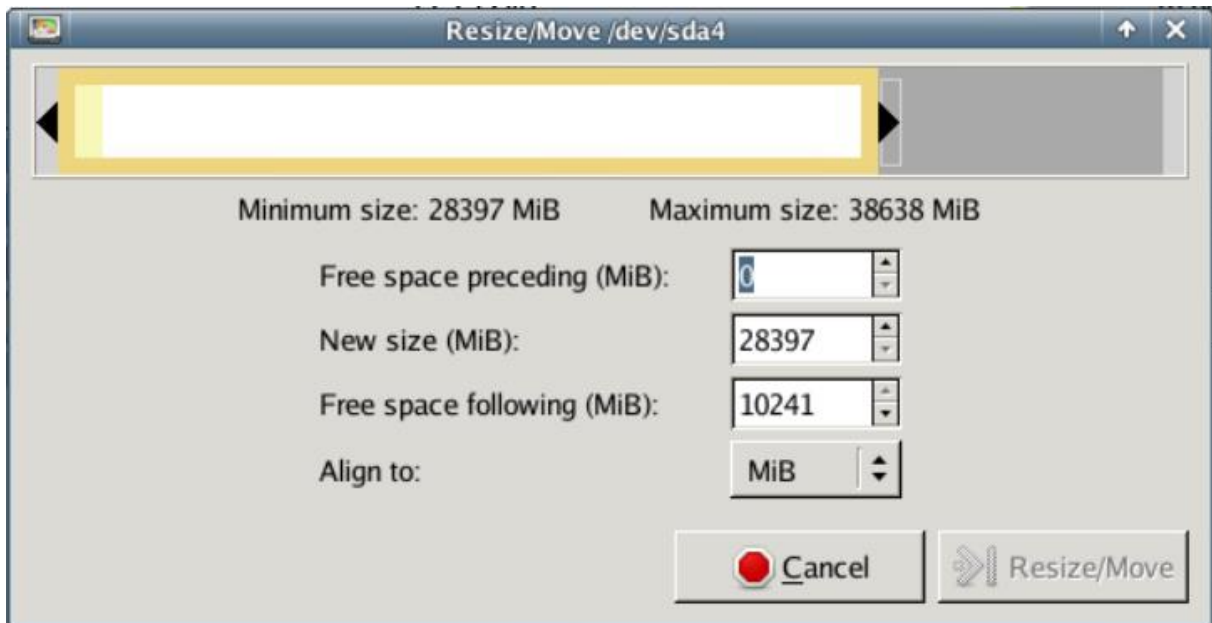
Open a X-Terminal Window and start the program "gparted" to resize the data partition:
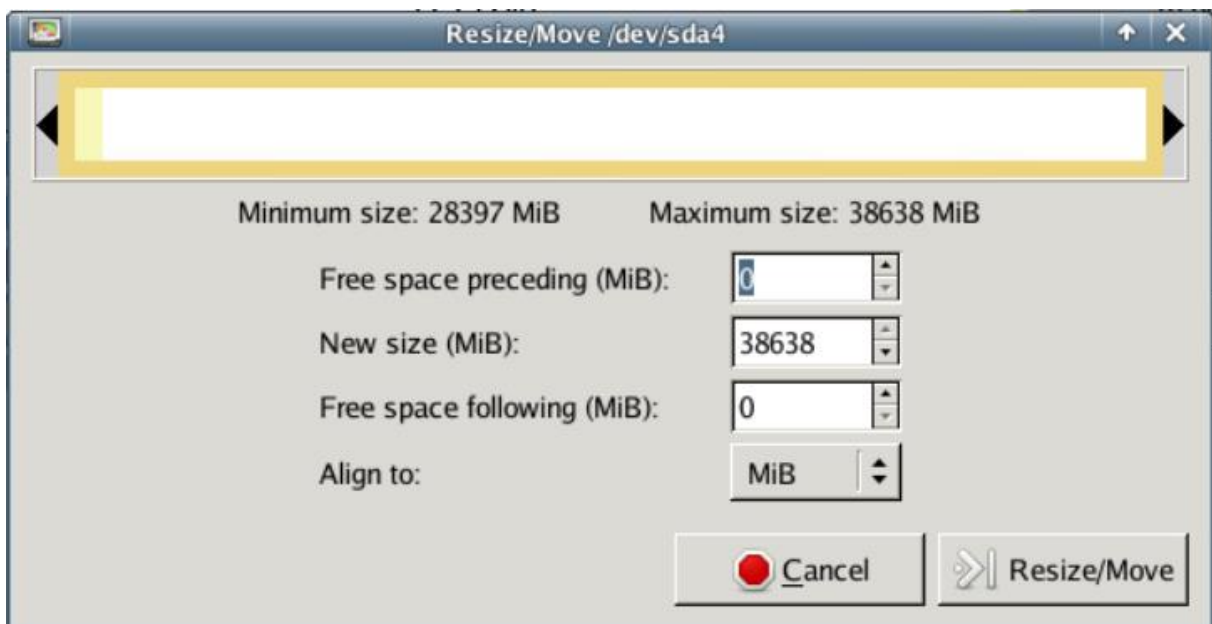
Select the partition „/dev/sda4", open the context menu and select "Resize/Move":

Resize it by holding the black right triangle with your mouse and move it to the right:
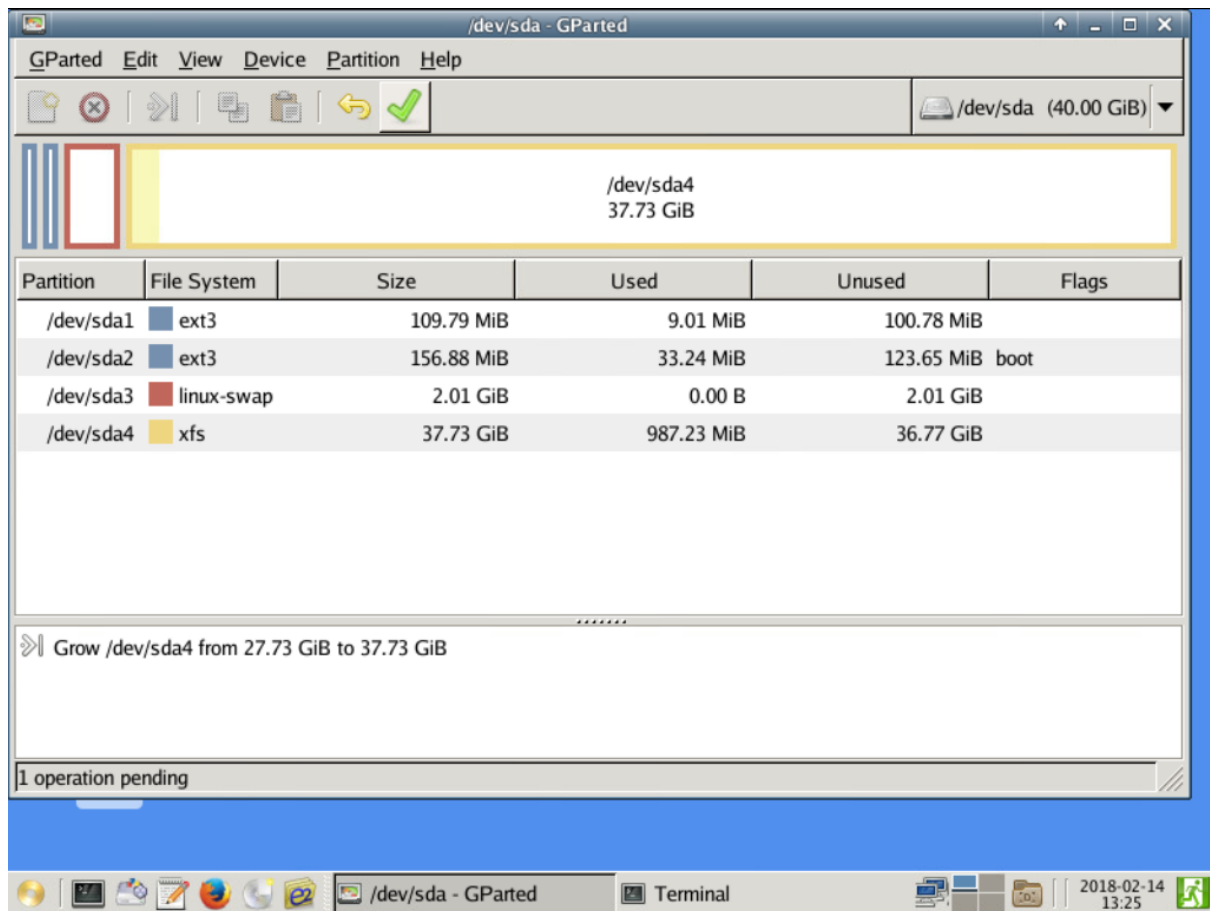

The increased partition:

Click „Resize/Move" to confirm the changes.

The new disk space looks changed like this:

Confirm the changes by leaving gparted through the "GParted" menu. Click "Apply":

Exit gparted, remove the CDROM from your C-MOR and reboot. Finished.