

How to change disk size after a VPS upgrade

 In order to take advantage of the increased storage space after a VPS upgrade, you need to resize your partitions manually. You can do it using the Gparted graphic utility.

How to mount Gparted:

1. Log in to your [VPS Control Panel](#) with Control Panel Username and Control Panel Password you received by email
2. Click on the **CDRom tab**
3. Select '**Gparted 0.28.1**'
4. Click on the **Mount** button
5. Click on the **Settings** tab
6. Choose the '**(1) CDRom (2) Hard Disk**' type of Boot Order
7. Reboot your VPS by clicking '**Reboot**' button in your VPS Control Panel
8. After VPS reboot the system will boot into the **Gparted**. To access **Gparted** interface, use the VNC function on the main page, and select the **HTML5** option.

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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>
```

```
Looking for keymap to install:
NONE
*****
Loading language settings:
01: Portuguese (Brazilian) 18: Latvian
02: British English       19: Macedonian
03: Bulgarian             20: Norwegian
04: Catalan               21: Nepali
05: Czech                 22: Portuguese
06: Dutch                 23: Punjabi
07: Finnish               24: Russian
08: French                25: Spanish
09: Galician              26: Simplified Chinese
10: German                 27: Sloven
11: Greek                  28: Swedish
12: Hebrew                29: Traditional Chinese (Hong Kong)
13: Hungarian             30: Traditional Chinese (Taiwan)
14: Italian                31: Turkish
15: Japan                  32: Ukrainian
16: Kinyarwanda           33: US English
17: Lithuanian            34: Vietnamese

Which language do you prefer ?
[33] _
```

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Which mode do you prefer ?
(0) Continue to start X to use GParted automatically
(1) Run 'Forcevideo' to config X manually
(2) Enter command line prompt
[0] _
```

💡 Once you are in the Gparted GUI, proceed to resizing the partition:

1. Select a partition.

Window title: /dev/vda - GParted

Menu: GParted Edit View Device Partition Help

Toolbar: New Delete Resize/Move Copy Paste Undo Apply

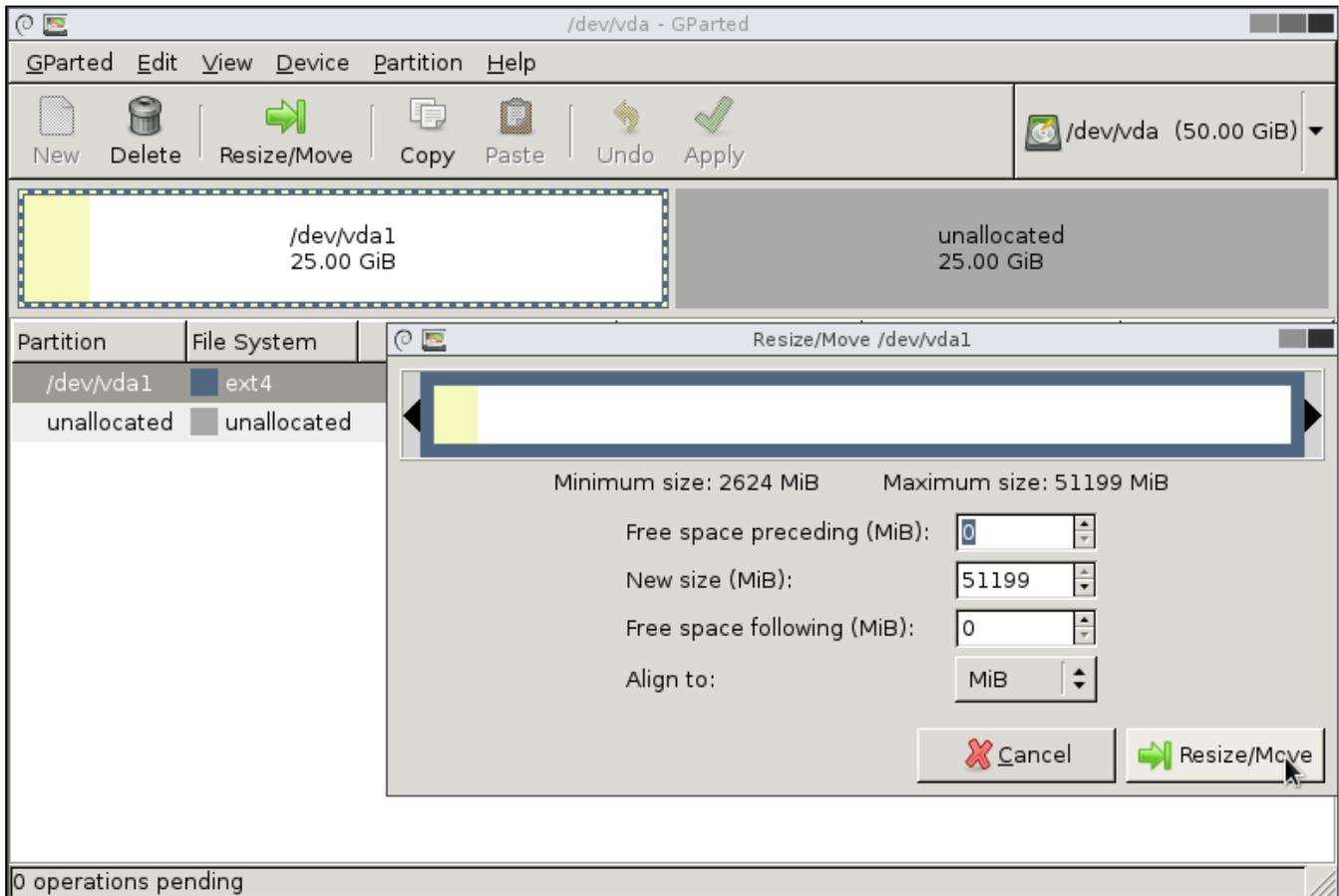
Device: /dev/vda (50.00 GiB)

The main area shows a disk layout with a yellow bar for /dev/vda1 (25.00 GiB) and a grey dashed box for unallocated space (25.00 GiB).

Partition	File System	Size	Used	Unused	Flags
/dev/vda1	ext4	25.00 GiB	2.56 GiB	22.44 GiB	boot
unallocated	unallocated	25.00 GiB	---	---	

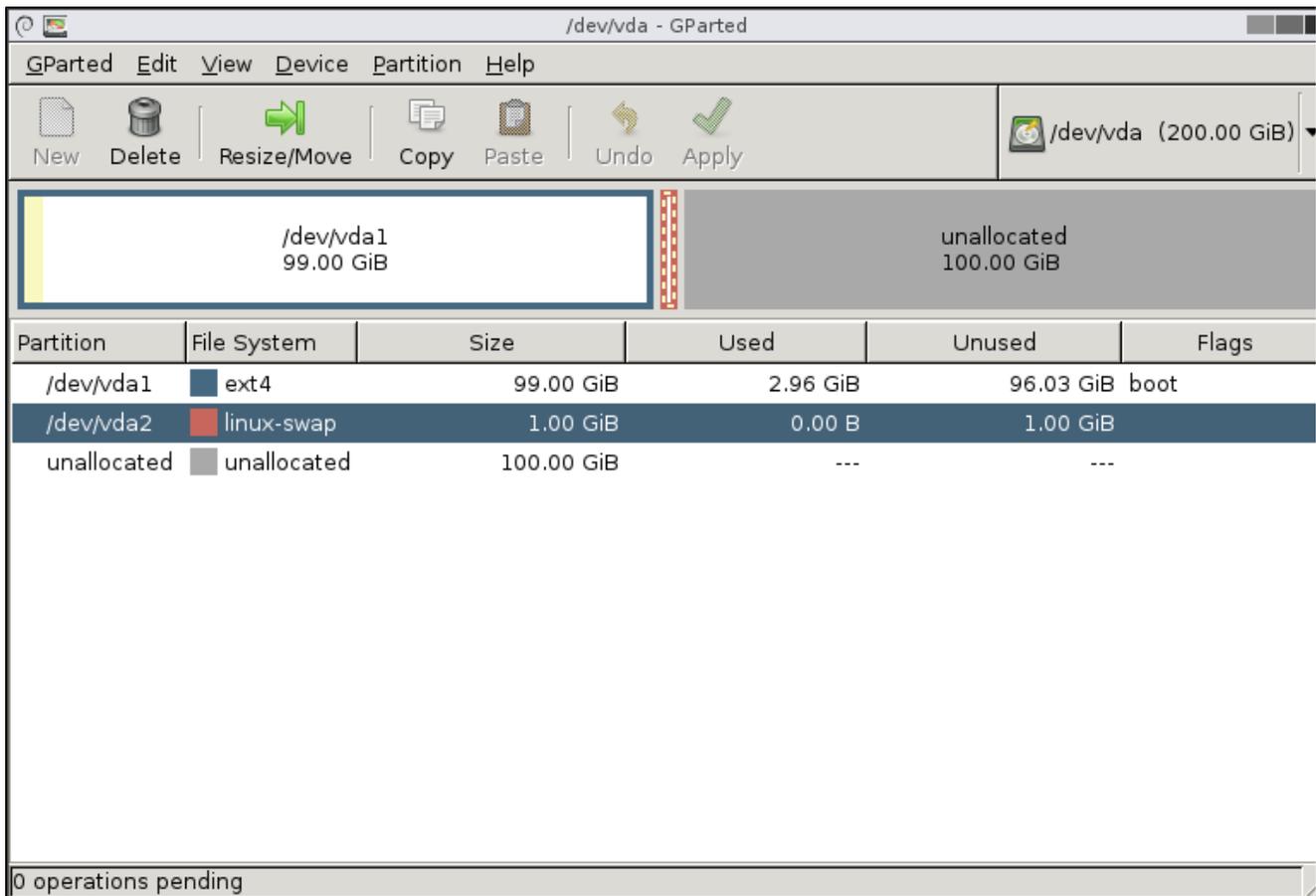
Status bar: 0 operations pending

2. Click on the Partition tab, choose **Resize/Move** and adjust the size of the partition. Specify the alignment of the partition and click on the Resize/Move button and click **Apply**

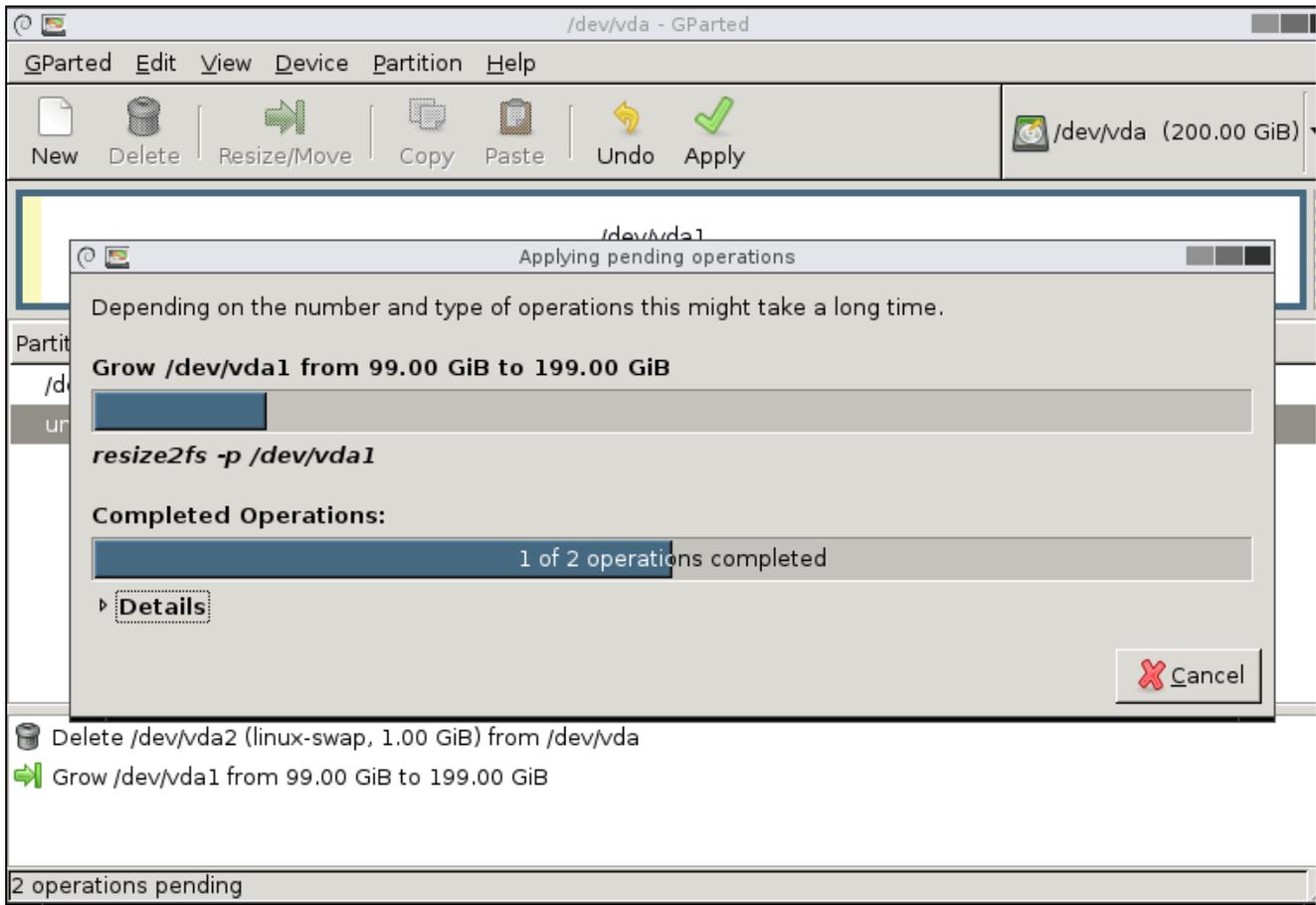


4. Reboot your VPS and do not forget to change **Boot Order** type to default '(1) Hard Disk (2) CDRom' in your VPS Control Panel.

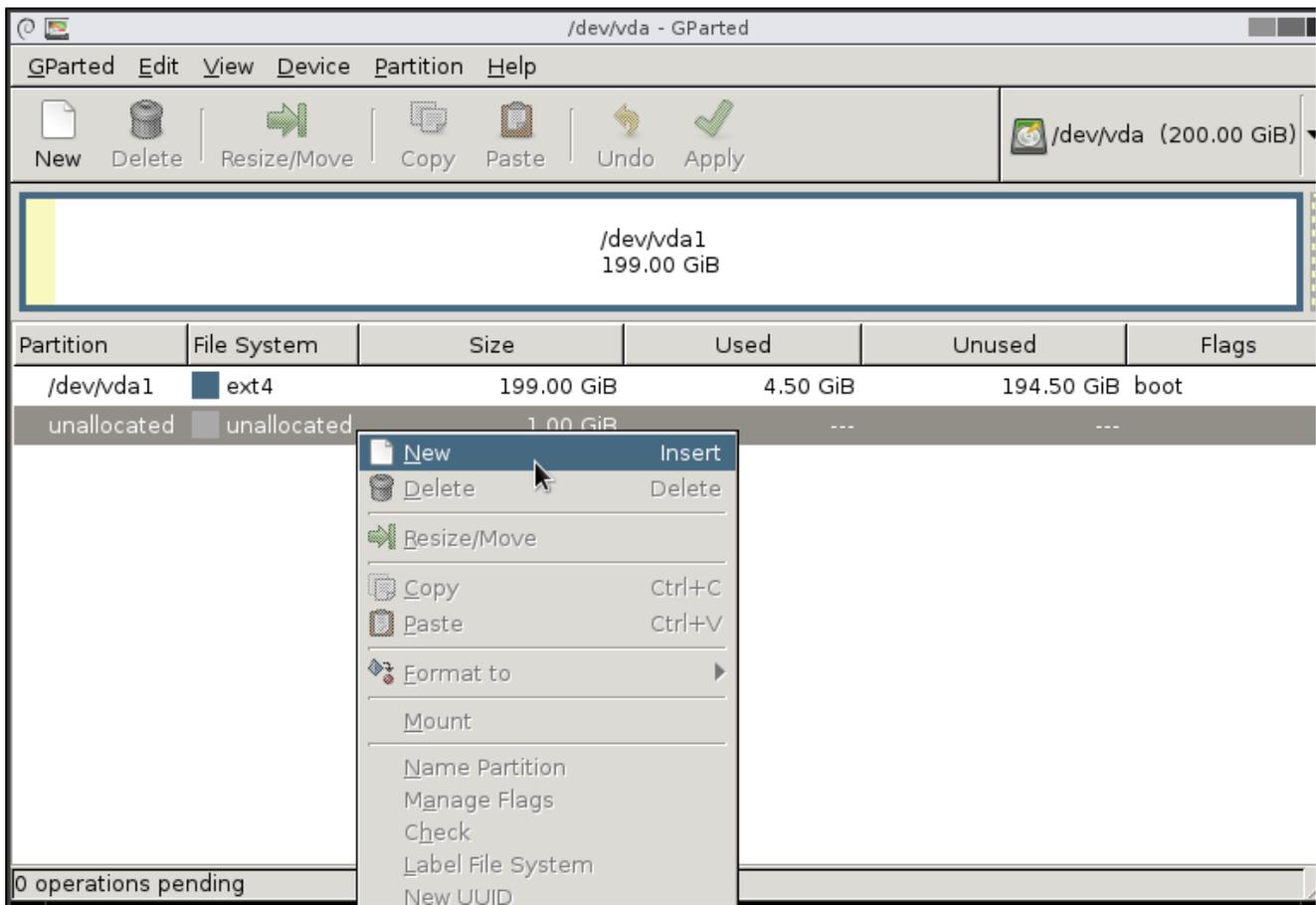
1. If you have a **SWAP** enabled in your system, you must delete the **SWAP** before partition resize.



2. After deleting **SWAP**, click on the Partition tab, choose **Resize/Move** and adjust the size of the partition, leaving the required amount of disk space for a SWAP partition. Click **Apply**.



4. Choose an **unallocated** partition and create a new one by specifying the **linux-swap** file system. Click **Apply**.



5. **Done.** Reboot your VPS and do not forget to change **Boot Order** type to default '(1) Hard Disk (2) CDRom' in your VPS Control Panel.

Window title: /dev/vda - GParted

Menu: GParted Edit View Device Partition Help

Toolbar: New Delete Resize/Move Copy Paste Undo Apply

Device: /dev/vda (200.00 GiB)

Visual representation of /dev/vda1: 199.00 GiB

Partition	File System	Size	Used	Unused	Flags
/dev/vda1	ext4	199.00 GiB	4.50 GiB	194.50 GiB	boot
/dev/vda2	linux-swap	1.00 GiB	0.00 B	1.00 GiB	

Status bar: 0 operations pending

⚠ In case you have more than one partition (i.e. main partition and swap), they will initially be next to each other, which will prevent you from extending the main partition into the unpartitioned space. In this situation all you have to do is to move the last partition(s) to the very end of the unpartitioned space and then extend the main partition to fill the gap