

[Skip to main content](#)

r/debian

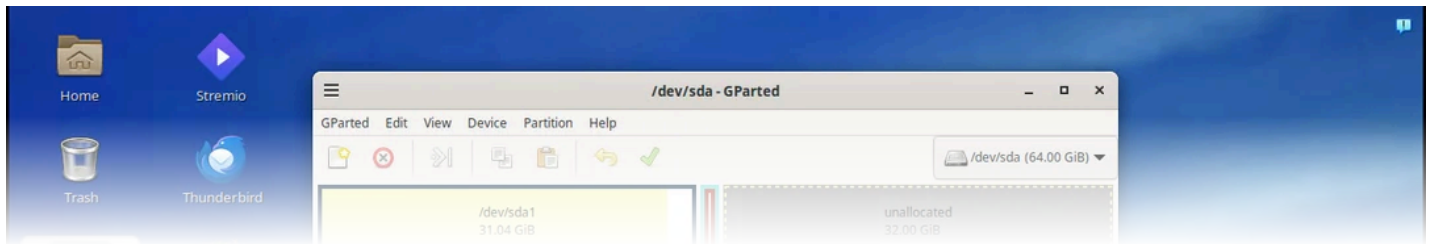
Search in r/debian

[Log In](#)r/debian • 1 yr. ago
DifferentOffice8

How do I resize a partition?

I'm running Debian 12 via VirtualBox. Originally I had it set to a 32Gb drive but today I got a "low disk space" warning. Closed the VM and went into VirtualBox and changed the disk size to 64Gb. Started the VM again but can't figure out how to resize the disk to use the extra 32Gb of space. GParted shows the 32Gb as "unallocated". There is a swap partition between the primary drive and the unallocated space.

So how do I increase the drive size to include the new 32Gb of space? (I'm relatively new to this).

[Read more](#)

1



6

[Share](#)

DeloitteUS • Promoted



Discover how AI is shaping the way we work and live in Deloitte's Tech Trends 2025.

[Learn More](#)[deloitte.com](#)[Join the conversation](#)Sort by: **Best**

Search Comments



chrispurcell • 1y ago

Turn swap off, delete swap partition, make new partition of size N, add as physical volume in lvm, add to volume group, expand logical volume, recreate swap space and swap on. If you are not using lvm, swap off, delete swap partition, use parted or other tools to expand partition, then recreate swap partition and swap on.



3

[Reply](#)

[Skip to main content](#)[Log In](#)

- backup the system
- disable swap
- remove swap
- remove extended partition
- resize /dev/sda1 (disk size - wanted swap size)
- create new swap partition /dev/sda2 or on extended
- resize2fs /dev/sda1
- mkswap on swap partition
- add swap partition to /etc/fstab

(run swapon -a or reboot)

↑ 2 ↓ ○ Reply ...

⊕ 1 more reply



DifferentOffice8 OP • 1y ago

Thanks for the detailed answer! Very much appreciated!

↑ 1 ↓ ○ Reply ...



mok000 • 1y ago

Doesn't OP also need to expand the filesystem?

↑ 1 ↓ ○ Reply ...

⊕ 2 more replies

New to Reddit?

Create your account and connect with a world of communities.



Continue With Google



Continue with Email



Continue With Phone Number

By continuing, you agree to our [User Agreement](#) and acknowledge that you understand the [Privacy Policy](#).



r/Ubuntu • 10 mo. ago

[Skip to main content](#)[Log In](#) r/debian • 4 mo. ago

Resize partition

2 upvotes · 9 comments

 r/linux4noobs • 2 yr. ago

How to resize partition where system is living?

33 upvotes · 8 comments

PROMOTED

...

 r/linuxquestions • 3 yr. ago

How to extend my Linux partition?

66 upvotes · 23 comments

 r/linuxquestions • 2 yr. ago

Debian how to resize primary partition?

2 upvotes · 7 comments

 r/linux4noobs • 4 yr. ago

Can you shrink a partition with fdisk? (Also anyone familiar installing OpenBSD)

2 upvotes · 8 comments

 r/pchelp • 1 yr. ago

How do I change partition size?

1 upvote · 1 comment

[Skip to main content](#)[Log In](#)

1 upvote · 6 comments

PROMOTED

...



r/linuxquestions • 1 yr. ago

Is it possible to shrink my ext4 partition with linux on it without data loss?

1 upvote · 18 comments



r/Fedora • 3 mo. ago

How come i can't downgrade an installed package ?

4 upvotes · 9 comments



r/linux4noobs • 1 yr. ago

Can't figure out how to expand LVM partition on Alpine Linux VM

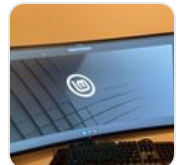
1 upvote · 3 comments



r/linuxmint • 1 mo. ago

Entire desktop environment changed when I restarted

495 upvotes · 166 comments



r/linuxmint • 25 days ago

Old PC brought back to life

399 upvotes · 36 comments



Skip to main content

Log In

my dock, kitty terminal, hope you like it.

66 upvotes · 27 comments

 r/debian • 3 mo. ago

Love how customizable KDE Plasma is.



214 upvotes · 25 comments

 r/debian • 10 mo. ago

Expand VM disk space

3 comments

 r/debian • 1 mo. ago

Switched from Win11 and am happy!



453 upvotes · 101 comments

 r/linux4noobs • 1 yr. ago

How do I increase my swap memory?

3 upvotes · 18 comments

 r/debian • 23 days ago

What Desktop Environment to choose for super light weight?

24 upvotes · 45 comments

 r/debian • 2 mo. ago

[XFCE] my lil dell latitude E6400 that has been running debian since 2020 (i'm 16)



306 upvotes · 60 comments

 r/Fedora • 5 days ago

Can't mount my LUKS Partition

2 upvotes · 5 comments



Log In



52 upvotes · 32 comments



r/WindowsHelp • 2 yr. ago

How To Resize Windows 10 Partitions Easily And Smoothly?

3 upvotes · 10 comments



r/vmware • 1 yr. ago

How to increase disk size and LVM on debian guest in esxi?

5 comments



r/linuxmint • 5 mo. ago

My latest PC resurrection



100 upvotes · 7 comments

TOP POSTS



Reddit

reReddit: Top posts of January 3, 2024



Reddit

reReddit: Top posts of January 2024



Reddit

reReddit: Top posts of 2024