

How to Disable Filesystem Quotas

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Overview

Filesystem quotas allow server owners to limit the amount of disk space that an account uses. For most hosting providers, this is an integral part of how they manage cPanel accounts. However, in some circumstances, you may wish to disable filesystem quotas in order to improve your server's performance.

- In cPanel & WHM version 74 and earlier, when you log in to WHM for the first time, the *Initial Setup Assistant* interface appears. The *Set Up Quotas* section of this interface (*Step 6*) allows you to enable or disable quotas. We removed the *Initial Setup Assistant* interface in cPanel & WHM version 76.
- In cPanel & WHM version 76 and later, the installation process enables quotas by default. You **must** wait until after installation to disable quotas.
- You can enable quotas in WHM's *Initial Quota Setup* interface (*WHM >> Home >> Server Configuration >> Initial Quota Setup*) or via the `/usr/local/cpanel/scripts/fixquotas` script.

Disable filesystem quotas

Disable from the root XFS filesystem Disable from non-root XFS filesystems

Remove the GRUB_CMDLINE_LINUX entry.

To remove the GRUB_CMDLINE_LINUX entry, perform the following steps:

1. SSH in to your server as the `root` user.
2. Use your preferred text editor to open the `/etc/default/grub` file.
3. Remove the following line from the file:

```
rootflags=uquota
```

4. Save and close the file.

Update GRUB.

To update the GRUB bootloader, run the following command:

```
grub2-mkconfig --output=/boot/grub2/grub.cfg
```

Disable quotas on the server.

To disable quotas, run the following command:

```
xfstool -x -c 'off' -c 'remove' /
```

Reboot the server.

To apply your changes, use your preferred method to reboot your server.

Confirm your changes.

To confirm your changes, run the following command:

```
mount | grep ' / '
```

The command's output will resemble the following example:

```
/dev/vda1 on / type xfs (rw,relatime,attr2,inode64,noquota)
```

Remove entries in the `/etc/fstab` file.

To remove the quota-related entry, perform the following steps:

1. SSH in to your server as the `root` user.
 2. Use your preferred text editor to open the `/etc/fstab` file.
 3. Find the line for your mount or filesystem.
 4. Remove the `uquota` entry from that line.
 5. Save and close the file.
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Disable quotas on the server.

To disable quotas, run the following command, where `path_to_mount` represents the absolute path to your mount point:

```
xfstool -x -c 'off' -c 'remove' path_to_mount
```

Remount the filesystem.

To remount the filesystem, run the following command, where `path_to_mount` represents the absolute path to your mount point:

```
mount -o remount path_to_mount
```

Note:

It is not necessary to reboot the server when you disable quotas for non-`root` filesystems. However, you can reboot the server as an alternative to this step.

Additional documentation

[Suggested documentation](#) [For cPanel users](#) [For WHM users](#) [For developers](#)

- [How to Disable Filesystem Quotas](#)
- [How to Fix Quotas](#)
- [Overselling](#)

Content by label

There is no content with the specified labels



- [How to Disable Filesystem Quotas](#)
- [How to Fix Quotas](#)
- [Overselling](#)

- [UAPI Functions - Ftp::set_quota](#)
- [UAPI Functions - Quota::get_quota_info](#)
- [WHM API 0 Functions - editquota](#)
- [UAPI Modules - Quota](#)
- [WHM API 1 Functions - editquota](#)