

Initial Quota Setup

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Overview

Warning:

This feature requires kernel support for quotas on your server. If your server uses a custom kernel that does **not** include quota support, the initial quota setup process may result in an unbootable system.

The *Initial Quota Setup* interface scans your server to confirm that it uses disk space quotas on the directories in which your cPanel users store their files. We recommend that you use quota support. Without quota support, the server will **not** display disk space usage for users and it will **not** enforce quota limits.

- Quotas do **not** limit updates that a user can make to a MySQL®, MariaDB®, or PostgreSQL® database.
- Quotas that include databases only affect cPanel-related functions.
- Processes that the system runs, such as PHP scripts that create files, can create user-owned files until the number of files reaches the quota. This situation occurs because the kernel-enforced quota does not access cPanel settings.
- The backup process for an account near or over its quota may fail because the system cannot write necessary files (for example, a database lock file).

If you run a Virtuozzo® Virtual Private Server (VPS), read our [Enable Quotas on a Virtuozzo VPS](#) documentation.

For more information about quota-related issues, read our [How to Fix Quotas](#) documentation.

Quota setup

To perform the quota scan, click *Proceed*.

When you click *Proceed*, the system runs the `/scripts/initquota` script. This script ignores `/home` directory mount points that use the following options:

- `no`
- `no auto`
- `loop`

To troubleshoot this issue, check the `/etc/fstab` file for these options.

Warnings:

- Servers that use the XFS® filesystem and run CentOS 7, CloudLinux™ 7, or Red Hat® Enterprise Linux (RHEL) 7 require additional actions for quotas to function properly:
 - **WHM Interface** — After you enable quotas in WHM's *Initial Setup Assistant* interface and the system performs the necessary configuration changes, a button appears in the top right corner of the WHM interface. You **must** click this button to reboot the system. After the system reboots, a quota scan runs in the background to complete the process.
 - **Command Line** — Run the `/scripts/fixquotas` script and then reboot the server.
 - **Manually via the Command Line** — For instructions on how to perform the `/scripts/fixquotas` script's actions manually, the Red Hat [XFS](#) and [XFS Quota Management](#) documentation.
- If you have enabled [Quota System Administration notifications](#), the system sends notifications when it is ready to reboot **and** when the quota scan finishes and quotas are functional.
- CloudLinux 7 updates may break quotas. For this reason, after each CloudLinux 7 update, you **must** run the `/scripts/fixquotas` script and then reboot the server.

Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [System Administrators FAQ](#)
 - [Limit Bandwidth Usage](#)
 - [Initial Setup Assistant - Set Up Quotas](#)
 - [Initial Quota Setup](#)
 - [The Quota File Systems Configuration File](#)
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- [Email Accounts](#)
 - [Bandwidth](#)
 - [Email Disk Usage](#)
 - [FTP Accounts](#)
 - [Disk Usage](#)
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- [How to Disable Filesystem Quotas](#)
 - [How to Fix Quotas](#)
 - [System Administrators FAQ](#)
 - [Overselling](#)
 - [Limit Bandwidth Usage](#)
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- [UAPI Functions - Ftp::set_quota](#)
 - [WHM API 0 Functions - editquota](#)
 - [UAPI Functions - Quota::get_quota_info](#)
 - [UAPI Modules - Quota](#)
 - [WHM API 1 Functions - editquota](#)