Initial Quota Setup

(*WHM >> Home >> Server Configuration >> Initial Quota Setup*)

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, and we enable it by default on new installations of cPanel & WHM. 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:**
> - We enable quotas by default on new installations.
> - If you disable and then reenable quotas, 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** — Use WHM's *Initial Quota Setup* interface (*WHM >> Home >> Server Configuration >> Initial Quota Setup*) to configure quotas.
>   - **Command Line** — Run the `/scripts/fixquotas` script and then reboot the server.
>   - **Manually via the Command Line** — For instructions on how to perform the `/usr/local/cpanel/scripts/fixquotas` script's actions manually, read 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 `/usr/local/cpanel/scripts/fixquotas` script and then reboot the server.

Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- System Administrators FAQ

- The Quota File Systems Configuration File

- Initial Quota Setup

- Enable Quotas on a Virtuozzo VPS

- Limit Bandwidth Usage

- Bandwidth

- Disk Usage

- Email Accounts

- Email Disk Usage

- FTP Accounts

- How to Fix Quotas

- System Administrators FAQ

- The Quota File Systems Configuration File

- Initial Quota Setup

- How to Disable Filesystem Quotas

- UAPI Functions - Ftp::set_quota

- WHM API 0 Functions - editquota

- UAPI Functions - Quota::get_quota_info

- UAPI Modules - Quota

- WHM API 1 Functions - editquota