

Configure cPanel Cron Jobs

(WHM >> Home >> Server Configuration >> Configure cPanel Cron Jobs)

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Overview

Cron jobs schedule scripts to run at predefined times or intervals on the server. This interface allows you to configure the `upcp`, `backup`, and `cpbackup` scripts' cron jobs on your server.

Warning:

Cron jobs that run too frequently can reduce your server's performance. We recommend that you run cron jobs once per day.

Configure a cron job

To configure a cron job, perform the following steps:

1. Enter the desired intervals for the cron job that you wish to configure. For more information, read the [Cron job intervals](#) section below.
2. Click *Commit*.

Cron job intervals

Set the following variables to configure each cron job:

- *Minute* — Enter the minute of each hour at which to run the cron job. For example, enter 15 to run the cron job at 15 minutes past the hour.
- *Hour* — Enter the hour of each day (in [24-hour format](#)) at which to run the cron job. For example, enter 2100 to run the cron job at 9:00 PM local time.
- *Day* — Enter the day of the month on which to run the cron job. For example, enter 15 to run the cron job on the 15th of the month.
- *Month* — Enter the month of the year in which to run the cron job. For example, enter 7 to run the cron job in July.
- *Weekday* — Enter the day(s) of the week on which to run the cron job. For example, a value of 0 indicates Sunday, or a value of 6 indicates Saturday.

Note:

For any of these settings, enter * to run the cron job at all intervals.

For example, to schedule a process to run every day at 9:15 PM (or 21:15 in 24-hour format), use the following settings:

Setting	Value
<i>Minute</i>	15
<i>Hour</i>	21
<i>Day</i>	*
<i>Month</i>	*
<i>Weekday</i>	*

Command: upcp

The `upcp` script updates cPanel & WHM. By default, the `upcp` script runs at a random time between 9:00 PM and 6:00 AM local time.

Important:

We recommend that you schedule the `upcp` script to run once per day during off-peak hours.

Command: backup

The `backup` script runs the backups that you configure in WHM's *Backup Configuration* interface (*WHM >> Home >> Backup >> Backup Configuration*). By default, this script runs at 2:00 AM local time, because this is an off-peak time for most servers. If you have disabled backups in the *Backup Configuration* interface, the script immediately exits after it runs.

Important:

We recommend that you schedule this cron job to run during off-peak hours. Make **certain** that the cron job runs early enough to allow your server to finish backups before peak traffic resumes.

Command: cpbackup

The `cpbackup` script runs legacy backups on your server. By default, this script runs at 1:00 AM local time, because this is an off-peak time for most servers. If you have disabled legacy backups, the script immediately exits after it runs.

Important:

We recommend that you schedule this cron job to run during off-peak hours. Make **certain** that the cron job runs early enough to allow your server to finish backups before peak traffic resumes.

Additional documentation

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

- [Configure cPanel Cron Jobs](#)
- [Cron Jobs](#)
- [Configure cPanel Cron Jobs](#)
- [cPanel API 2 Functions - Cron::get_email](#)
- [cPanel API 2 Functions - Cron::edit_line](#)
- [cPanel API 2 Modules - Cron](#)
- [cPanel API 1 Functions - Cron::crontab_perms](#)
- [cPanel API 2 Functions - Cron::set_email](#)