

Cron Jobs

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For cPanel & WHM 11.48

([Home](#) >> [Advanced](#) >> [Cron Jobs](#))

- [Overview](#)
- [Add a cron email](#)
- [Add a cron job](#)
- [View existing cron jobs](#)
 - [Edit a cron job](#)
 - [Delete a cron job](#)

Overview

Cron jobs are scheduled tasks that the system runs at predefined times or intervals. Typically, a cron job contains a series of simple tasks that the system runs from a script file.

Note:

Exercise caution when you schedule cron jobs. If you schedule them to run too often, they may degrade your server's performance.

Add a cron email

The *Cron Email* section of the interface allows you to enter an email address for the system to send notifications when your cron jobs run. To set an email address, perform the following steps:

1. In the *Email* text box, enter the email address at which you wish to receive the notifications.
2. Click *Update Email*.

Add a cron job

To create a cron job, perform the following steps:

1. Select the interval at which you wish to run the cron job from the appropriate menus, or enter the values in the text boxes.
 - *Common Settings* — This menu allows you to select a commonly-used interval. The system will configure the appropriate settings in the *Minute*, *Hour*, *Day*, *Month*, and *Weekday* text boxes for you.

Note:

If the wildcard characters (*) and intervals confuse you, this menu is an excellent way to learn how to configure the other fields.

- *Minute* — Use this menu to select the number of minutes between each time the cron job runs, or the minute of each hour on which you wish to run the cron job.
 - *Hour* — Use this menu to select the number of hours between each time the cron job runs, or the hour of each day on which you wish to run the cron job.
 - *Day* — Use this menu to select the number of days between each time the cron job runs, or the day of the month on which you wish to run the cron job.
 - *Month* — Use this menu to select the number of months between each time the cron job runs, or the month of the year in which you wish to run the cron job.
 - *Weekday* — Use this menu to select the days of the week on which you wish to run the cron job.
2. In the *Command* text box, enter the command that you wish the system to run.

Notes:

- Specify the absolute path to the command that you wish to run. For example, if you wish to run the `public_html/index.php` file in your home directory, enter the following command:

```
/home/user/public_html/index.php
```

- To disable notifications for a specific cron job, add the following line to the command:

```
>/dev/null 2>&1
```

Important:

- You **must** specify settings for the *Minute*, *Hour*, *Day*, *Month*, *Weekday*, and *Command* text boxes.
 - The interface displays a green checkmark icon () next to each setting that you properly set.
 - If you enter or select an invalid setting, the interface displays a red warning icon () next to that setting.
- Exercise **extreme** caution when you use the `rm` command in a cron job. If you do not declare the correct options, you may delete your home directory's data.

3. Click *Add New Cron Job*.

View existing cron jobs

The *Current Cron Jobs* table displays your existing cron jobs.

Edit a cron job

To edit a cron job, perform the following steps:

1. Locate the cron job that you wish to edit and click *Edit*.
2. Edit the settings that you wish to change and click *Edit Line*.

Delete a cron job

To delete a cron job, perform the following steps:

1. Click *Delete* next to the cron job that you wish to delete.
2. Click *Delete*.