



# Moving the Crons Directory

We recommend moving the `crons` directory to a private directory above your web root. This will prevent web-based access and help to protect your WHMCS installation.

To do this, you must move the directory **and** update WHMCS's configuration to use it successfully.

 We recommend performing this task and other security measures immediately after installing WHMCS. For a full list, see [More Ways to Secure Your WHMCS Installation](#).

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 This process involves editing multiple configuration files. You can do this using the file management tools in your hosting control panel (for example, **Files >> File Manager** in cPanel) or using the command line.

To move the directory and update WHMCS's configuration:

1. Move the entire `/crons/` directory and its contents to the new location.
2. If you have already configured [cron tasks](#) or [email forwarders](#)., update them to use the new directory path.
3. If you have not already done so, rename the `config.php.new` file to `config.php`.
4. Open the `config.php` file and locate the `$whmcspath` line.

5. Delete the two `/` characters at the beginning of the line and replace `/path/to/whmcs/` with the full path to your installation. For example:

```
$whmcs_path = '/home/username/public_html/whmcs/';
```

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6. Save and close the file.

7. Open the `configuration.php` file in your WHMCS installation root directory.

8. Add the following line to the bottom of the file, where `/home/username/whmcs_crons/` is the location of your new directory:

```
$crons_dir = '/home/username/whmcs_crons/';
```

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9. Update the cron job to use the new directory path. For example, you can use the steps below to update the cron job in cPanel:

- a. In the cPanel interface, go to **Advanced >> Cron Jobs**.
- b. Choose **Edit** for the existing cron job for the `cron.php` file.

Minute	Hour	Day	Month	Weekday	Command	Actions
*/*	*	*	*	*	/opt/cpanel/ea-php56/root/usr/bin/php -q /home/whmcs/help/public_html/whmcs/crons/cron.php	Edit  Delete

- c. Update the command to use the correct new path.
- d. Click **Edit Line**.

## Custom crons Locations and Upgrades

Applying updates or patches after customizing your `crons` directory location requires an additional step. You **must** upload any updated `crons` files from the default location to your custom directory.

If you do not move the files, you will see errors and issues with WHMCS's automation.