Installing Modules On cPanel For WHMCS - IonCube, FileInfo & Soap

IonCube

- Go to */opt/cpanel/ea-php81/root/usr/lib64/php/modules* **(PHP 8.1)** and unzip the tar you download from here with the .so file. (The loaders from their website)
- Then in */opt/cpanel/ea-php81/root/etc/php.d* **(PHP 8.1)** put **nano 00-ioncube.ini** and put in *zend_extension = /opt/cpanel/ea-php81/root/usr/lib64/php/modules/ioncube_loader_lin_8.1.so*
- Once done, you need to **systemctl restart ea-php81-php-fpm**.

Soap

- Copy the **soap.so** file from a normal PHP-8.1 install in the location */usr/lib/php/20210902* **(PHP 8.1)** and put it into */opt/cpanel/ea-php81/root/usr/lib64/php/modules* **(PHP 8.1)**.
- Then in */opt/cpanel/ea-php81/root/etc/php.d* **(PHP 8.1)** put **nano 00-soap.ini** and put in *extension=soap.so*
- Once done, you need to **systemctl restart ea-php81-php-fpm**.

FileInfo

- Login to WHM (Not cPanel client side, WHM's admin side).
- Search for "Software" along the left side and find "EasyApache4".
- Click the button that says Customize next to Currently Installed Packages.
- Click PHP Extensions along the left hand side in blue (3rd option down).
- Search for Fileinfo in the search bar in the top left and click the toggle on the PHP-8.1 version.

- Click Review.
- After looking over the proposed changes, scroll to the bottom of the screen and click provision.
- Once done, you need to **systemctl restart ea-php81-php-fpm** in terminal.

Referenced from: *https://support.cpanel.net/hc/en-us/articles/1500000107181-How-do-I-install-Fileinfo-*

If you wish to install extensions for a user of cPanel but don't want to install these extensions globally, follow:

- **Example below is for soap extension**
- Go into that user with su in terminal or use the cPanel's terminal page.
- Run **pear**, this will give you results. Run **pear install Archive_Tar** to install tar.
- Run **pear install PEAR** to install Pear required for SOAP to install. ***Ironic. Lmfao***.
- Run **pear install soap** then install using the channel link.
- **Note**: You might need to use **--force** on some of the commands as the tar version of 1.4.14 breaks soap install.

Note: On all instances above, you can restart Apache's FPM in the WHM interface instead of the command by searching "Services" in the top left then finding "Apache FPM".

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