

# Install Ioncube Loader

The example is for PHP 5.6 as provided by Ondřej Surý repository. The procedure is identical for any PHP version that is provided by Ondřej Surý repository. You **MUST** just adapt the path for the PHP extensions.

## Retrieve the path for the PHP extensions

USER

```
$ php5.6 -i | grep extension_dir extension_dir => /usr/lib/php/20131226 => /usr/lib/php/20131226
```

The path is:

```
/usr/lib/php/20131226
```

## Download, extract and install the IonCube Loader for PHP 5.6

ROOT

```
# cd /usr/local/src/ # wget https://downloads.ioncube.com/loader_downloads/ioncube_loaders_lin_x86-64.tar.gz # tar xfz ioncube_loaders_lin_x86-64.tar.gz # cd ioncube/ # cp ioncube_loader_lin_5.6.so /usr/lib/php/20131226/ioncube.so
```

## Create the /etc/php/5.6/mods-available/ioncube.ini file for PHP 5.6 with the following content:

```
; Configuration for the IonCube Loader  
; priority=01  
zend_extension=ioncube.so
```

## Activate the IonCube Loader for PHP 5.6

ROOT

```
# phpenmod ioncube
```

## Check that the IonCube Loader for PHP 5.6 has been correctly activated

```
php5.6 -v  
PHP 5.6.36-1+0~20180505045733.13+jessie~1.gbp9b5cab (cli)  
Copyright (c) 1997-2016 The PHP Group  
Zend Engine v2.6.0, Copyright (c) 1998-2016 Zend Technologies  
with the ionCube PHP Loader (enabled) + Intrusion Protection from
```

ioncube24.com (unconfigured) v10.2.1, Copyright (c) 2002-2018, by ionCube Ltd.  
with Zend OPcache v7.0.6-dev, Copyright (c) 1999-2016, by Zend Technologies

## Restart the appropriate service

If you use PHP through PHP-FPM

```
ROOT  
# service php5.6-fpm restart
```

If you use PHP through Apache2 FastCGI module (e.g. Fcgid):

```
ROOT  
# service apache2 restart
```

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