

How to install ioncube on jump server?

7 admin June 6, 2024 [Installation](#) 44174

How to install Ioncube on jumpserver or bastion host?

Synopsis: [IonCube Loader](#) is typically installed to enable PHP scripts encoded with IonCube to run on a server. These scripts are often proprietary or contain sensitive intellectual property and are encoded to protect them from unauthorized access or modification. By installing IonCube Loader, the server can interpret and execute these encoded scripts, allowing them to function as intended while maintaining their security measures.

NOTE: User needs root access to the server to configure Ioncube for PHP

Step 1: Download the latest Ioncube version from the site mentioned below.


<https://www.ioncube.com/loaders.php>

User would need to identify whether your **system architecture is 32-bit or 64-bit**. The subsequent command would help you with it.

As evident, the architecture is 64-bit.

Download the Ioncube package designed for 64-bit systems and extract it to `/usr/local/ioncube`.

Step 2: Identify the PHP version you're running on your system.



Step 3: Edit the PHP configuration file & add the corresponding Ioncube loader

NOTE:

Load the Iocube version corresponding to the PHP version running on the server.

Example: If the **PHP Version** is **8.1** , The Ioncube loader should be *ioncube_loader_lin_8.1.so*

For Centos 7:



For Centos 7 Nginx:



For Centos 8:



For RHEL 8:



For Ubuntu 16:



For Ubuntu 18:



For Ubuntu 20:

```
root@gateway :~# vi /etc/php/7.4/cli/php.ini

zend_extension = /usr/local/ioncube/ioncube_loader_lin_7.4.so


root@gateway:~# vi /etc/php/7.4/apache2/php.ini

zend_extension = /usr/local/ioncube/ioncube_loader_lin_7.4.so


root@gateway:~# systemctl restart apache2
```

For Ubuntu 22:

```
root@gateway :~# vi /etc/php/8.1/cli/php.ini

zend_extension = /usr/local/ioncube/ioncube_loader_lin_8.1.so


root@gateway:~# vi /etc/php/8.1/apache2/php.ini

zend_extension = /usr/local/ioncube/ioncube_loader_lin_8.1.so
```

```
root@gateway:~# systemctl restart apache2
```

For Debian 9:

For Debian 10/11:



For SUSE LINUX 15:



For Debian 9 Nginx:



Step 4: Check the PHP version again to see whether Ioncube has been loaded properly.

Step 5: Ensure that Ioncube decoders are loaded by viewing the PHP configuration page.

Access the information page, and it will display the loaded Ioncube version. As observed, ionCube version 12.0.5 is currently loaded.

This program makes use of the Zend Scripting Language Engine:
Zend Engine v4.1.26, Copyright (c) Zend Technologies
with the [ionCube PHP Loader v12.0.5](#), Copyright (c) 2002-2022, by ionCube Ltd.
with Zend OPcache v8.1.26, Copyright (c), by Zend Technologies

zend®engine

ionCube Loader

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Loader version	12.0.5
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[Upgrade PHP to 8.2 in OpenSUSE 15](#)

Online URL: <https://www.ezeelogin.com/kb/article/how-to-install-ioncube-on-jump-server-7.html>