Table Of Contents

Home > Faq > Apache

Red Hat / CentOS Linux Install Suhosin PHP 5 Protection Security Patch

Posted by Vivek Gite <vivek@nixcraft.com>

Q. Wordpress and many other open source application developers asks users to protect PHP apps using Suhosin patch to get protection from the full exploit. Suhosin is an advanced protection system for PHP installations. It was designed to protect your servers from various attacks. How do I install Suhosin under RHEL / CentOS / Fedora Linux?

[1]

A. Suhosin was designed to protect your servers against a number of well known problems in PHP applications and on the other hand against potential unknown vulnerabilities within these applications or the PHP core itself including wordpress and many other open source php based apps.

[2]

Install Suhosin as extension

Download latest version of Suhosin, enter:

```
# cd /opt
# wget http://download.suhosin.org/suhosin-0.9.27.tgz
```

Make sure you have php-devel installed:

```
# yum install php-devel
```

Compile Suhosin under PHP 5 and RHEL / CentOS Linux

Type the following commands:

```
# cd suhosin-0.9.27
# phpize
#./configure
# make
# make install
```

Configure Suhosin

Type the following command to create Suhosin configuration file:

```
# echo 'extension=suhosin.so' > /etc/php.d/suhosin.ini
```

Restart web server

Type the following command to restart httpd:

```
# service httpd restart
```

If you are using lighttpd, enter:

```
# service lighttpd restart
```

Verify Suhosin installation

Type the following command:

```
$ php -v
```

Sample output:

```
PHP 5.1.6 (cli) (built: Jun 12 2008 05:02:36)
```

```
Copyright (c) 1997-2006 The PHP Group
Zend Engine v2.1.0, Copyright (c) 1998-2006 Zend Technologies
    with XCache v1.2.2, Copyright (c) 2005-2007, by mOo
    with Suhosin v0.9.27, Copyright (c) 2007, by SektionEins GmbH
```

You can find more information by running phpinfo():

```php
<?php
phpinfo [3] ();
?>
```

Sample output:

[4]

Fig.01: Suhosin information and settings displayed by phpinfo().

Further readings:

- Suhosin project [5] home page.
- Php project [6] home page.

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our daily email newsletter or weekly newsletter to make sure

you don't miss a single tip/tricks. Alternatively, subscribe via RSS/XML feed.

Article printed from Frequently Asked Questions About Linux / UNIX: **http://www.cyberciti.biz/faq/**

URL to article: **http://www.cyberciti.biz/faq/rhel-linux-install-suhosin-php-protection/**

URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/category/php/**
[2] Image: **http://www.cyberciti.biz/faq/category/redhat-and-friends/**
[3] phpinfo: **http://www.php.net/phpinfo**
[4] Image: **http://www.cyberciti.biz/faq/wp-content/uploads/2008/09/suhosin-php-security.png**
[5] Suhosin project: **http://www.hardened-php.net/**
[6] Php project: **http://php.net/**