

# TCP Wrappers

# Introduction

The TCP wrappers provides a classical Unix mechanism which has been designed to check if the remote client is able to connect from the given IP address.

# Installing/Configuring

## Requirements

No external libraries are needed to build this extension.

## Installation

Tcpwrap is currently available through PECL » <http://pecl.php.net/package/tcpwrap>.

If » [PEAR](#) is available on your \*nix-like system you can use the pear installer to install the tcpwrap extension, by the following command: *pear -v install tcpwrap*.

You can always download the tar.gz package and install tcpwrap by hand:

Example #1 - tcpwrap install by hand
<pre>gunzip tcpwrap-xxx.tgz tar -xvf tcpwrap-xxx.tar cd tcpwrap-xxx phpize ./configure &amp;&amp; make &amp;&amp; make install</pre>

## Runtime Configuration

This extension has no configuration directives defined in *php.ini*.

## Resource Types

This extension has no resource types defined.

# Predefined Constants

This extension has no constants defined.

# TCP Functions

# tcpwrap\_check

tcpwrap\_check -- Performs a tcpwrap check

## Description

bool **tcpwrap\_check** ( string *\$daemon*, string *\$address* [, string *\$user* [, bool *\$nodns* ] ] )

This function consults the */etc/hosts.allow* and */etc/hosts.deny* files to check if access to service *daemon* should be granted or denied for a client.

## Parameters

*daemon*

The service name.

*address*

The client remote address. Can be either an IP address or a domain name.

*user*

An optional user name.

*nodns*

If *address* looks like domain name then DNS is used to resolve it to IP address; set *nodns* to **TRUE** to avoid this.

## Return Values

This function returns **TRUE** if access should be granted, **FALSE** otherwise.

## Examples

### Example #2 - Deny all connections from localhost

If your */etc/hosts.deny* file contains:

```
php: 127.0.0.1
```

And your code looks like:

```
<?php
if (!tcpwrap_check('php', $_SERVER['REMOTE_ADDR'])) {
    die('You are not welcome here');
}
?>
```

## **See Also**

For more details please consult `hosts_access(3)` man page.