

New issue

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# Bug: set\_cookie not using default value of \$secure from config #6540

✓ Closed

hamzawain7 opened this issue on Sep 14 · 6 comments · Fixed by [#6544](#)

Labels

bug

hamzawain7 commented on Sep 14 · edited by kenjis ▼

## PHP Version

7.4

## CodeIgniter4 Version

4.2.6

## CodeIgniter4 Installation Method

Manual (zip or tar.gz)

## Which operating systems have you tested for this bug?

macOS

## Which server did you use?

apache

## Database

*No response*

## What happened?

set\_cookie function in Helpers/cookie\_helper.php is not using the default value \$secure i specified in app/Config/Cookie.php.

This used to work in CI3 because I think the default value of \$secure param of set\_cookie function used to be null which later on fallback to default.\*\*\*\*

## Steps to Reproduce

1. Set public \$secure = true in /app/Config/Cookie.php'
2. Call the helper function set\_cookie

```
helper('cookie');
set_cookie([
    'name' => 'pmw',
    'value' => 2,
    'samesite' => 'None',
]);
```

3. CookieException::forInvalidSameSiteNone() is thrown although \$secure was suppose to be true

## Expected Output

No exception

## Anything else?

*No response*

  hamzawain7 added the `bug` label on Sep 14

ddevsr commented on Sep 14 • edited ▼

Collaborator

You must set variable secure to true, by default function set\_cookie secure = false

```
set_cookie([
    'name' => 'pmw',
    'value' => 2,
    'secure' => true,
    'samesite' => 'None',
]);
```

If you want create cookie with default config (see [https://codeigniter.com/user\\_guide/libraries/cookies.html#creating-cookies](https://codeigniter.com/user_guide/libraries/cookies.html#creating-cookies)) or you can using set\_cookie helper


```
$cookieConfig = config('cookie');

set_cookie([
    'name'      => 'pmw',
    'value'     => 2,
    'expire'    => $cookieConfig->expires,
    'domain'    => $cookieConfig->domain,
    'path'      => $cookieConfig->path,
    'prefix'    => $cookieConfig->prefix,
    'secure'    => $cookieConfig->secure,
    'httponly'  => $cookieConfig->httponly,
    'samesite'  => $cookieConfig->samesite,
]);
```

hamzawain7 commented on Sep 15

Author

set\_cookie function uses new Cookie in its implementation which makes it get the default value of "domain", "samesite" and other non bool config values, but doesn't for "secure". Isn't that inconsistency? Won't it better for all of them to fallback to values in config?

  kenjis added `bug` and removed `bug` labels on Sep 15

kenjis commented on Sep 15 • edited ▼

Member

When constructing the Cookie object, only the name attribute is required. All other else are optional. If the optional attributes are not modified, their values will be filled up by the default values saved in the Cookie class. To override the defaults currently stored in the class, you can pass a Config\Cookie instance or an array of defaults to the static Cookie::setDefaults() method.

<https://codeigniter4.github.io/CodeIgniter4/libraries/cookies.html#creating-cookies>

Reading the user guide, I think the values in the Config file should be used for unspecified items.

kenjis commented on Sep 15 • edited ▼

Member

This used to work in CI3 because I think the default value of \$secure param of set\_cookie function used to be null which later on fallback to default.

Exactly.

[https://github.com/bcit-ci/CodeIgniter/blob/9b8f2b7a8405acd1b8ad5956ada3d84472b1e8ae/system/helpers/cookie\\_helper.php#L71](https://github.com/bcit-ci/CodeIgniter/blob/9b8f2b7a8405acd1b8ad5956ada3d84472b1e8ae/system/helpers/cookie_helper.php#L71)

Ref,

CodeIgniter4/system/Helpers/cookie\_helper.php

Lines 39 to 49 in 354b43a

```
39     function set_cookie(  
40         $name,  
41         string $value = '',  
42         string $expire = '',  
43         string $domain = '',  
44         string $path = '/',  
45         string $prefix = '',  
46         bool $secure = false,  
47         bool $httpOnly = false,  
48         ?string $sameSite = null  
49     ) {
```

kenjis commented on Sep 15

Member

This seems the first commit: <https://github.com/codeigniter4/CodeIgniter4/pull/241/files#diff-1ee301297e39aa12b421d2ad72d266269f4fc8fe56c01c366fbcdf16056a942dR82>

However, no reason is given for the change in behavior from CI3.

  kenjis mentioned this issue on Sep 15

**fix: set\_cookie() does not use Config\Cookie values #6544**

 Merged

 5 tasks

kenjis commented on Sep 15

Member

I sent a PR: [#6544](#)

 kenjis closed this as completed in [#6544](#) on Sep 19

#### Assignees

No one assigned

#### Labels

bug

Projects

None yet

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Milestone

No milestone

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Development

Successfully merging a pull request may close this issue.

 **fix: set\_cookie() does not use Config\Cookie values**  
kenjis/CodeIgniter4

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3 participants

