

## TYPO3 Core - Bug #32341

### \$\_SERVER['HTTPS'] vs. \$\_SERVER['HTTP\_HTTPS'] nginx

2011-12-06 17:14 - Norbert

<b>Status:</b>	Closed	<b>Start date:</b>	2011-12-06
<b>Priority:</b>	Must have	<b>Due date:</b>	
<b>Assignee:</b>	Michael Stucki	<b>% Done:</b>	0%
<b>Category:</b>	Frontend	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	4.5	<b>Is Regression:</b>	
<b>PHP Version:</b>	5.3	<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

Hi,

Typo3 looks for "\$\_SERVER['HTTPS']" but nginx "proxy\_set\_header HTTPS 1" set a "\$\_SERVER['HTTP\_HTTPS']".

So i think typo3 have to check this in t3lib/class.t3lib\_div.php on Line 4153:

```
$retVal = $_SERVER['SSL_SESSION_ID'] || !strcasecmp($_SERVER['HTTPS'], 'on') || !strcmp($_SERVER['HTTPS'], '1') ? TRUE : FALSE;
```

#### Solution:

```
$retVal = $_SERVER['SSL_SESSION_ID'] || (!strcasecmp($_SERVER['HTTPS'], 'on') || !strcmp($_SERVER['HTTPS'], '1')) && (!strcasecmp($_SERVER['HTTP_HTTPS'], 'on') || !strcmp($_SERVER['HTTP_HTTPS'], '1')) ? TRUE : FALSE;
```

Something like that, or a smaller solution. ;-)

Regards,

#### Related issues:

Related to TYPO3 Core - Bug #29693: Respect HTTP_X_FORWARDED_PROTO in SSL check	<b>Rejected</b>	<b>2011-09-12</b>
Related to TYPO3 Core - Bug #81837: SSL mixed content issues in backend when ...	<b>Closed</b>	<b>2017-07-11</b>
Related to TYPO3 Core - Bug #86264: Trusted hosts pattern mismatch with Nginx...	<b>Accepted</b>	<b>2018-09-15</b>

#### History

##### #1 - 2011-12-07 00:15 - Michael Stucki

- Status changed from New to Needs Feedback

- Assignee set to Michael Stucki

Please take a look at the very similar issue [#29693](#).

Although I brought that up myself, I agree meanwhile that it's not a good solution because the header can be forged by a remote user, thus telling the server that the connection is HTTPS when it actually isn't.

Fabrizio Branca brought up a much better solution which is explained in detail on his blog:

<http://www.fabrizio-branca.de/nginx-varnish-apache-magento-typo3.html>

What you need to do is this:

- Nginx: Set a header "HTTPS" to "" by default (to override existing headers) or to "on" when running with HTTPS
- Apache: SetEnvIf HTTPS on HTTPS=on

If you agree about such a solution, I would like to close the request therefore. OK with you?

##### #2 - 2013-07-09 09:52 - Alexander Opitz

*- Status changed from Needs Feedback to Closed*

No feedback for over 90 days.

**#3 - 2017-08-12 10:12 - Sybille Peters**

*- Related to Bug #81837: SSL mixed content issues in backend when HTTPS server var is not set added*

**#4 - 2018-09-21 09:15 - Susanne Moog**

*- Related to Bug #86264: Trusted hosts pattern mismatch with Nginx and HTTP\_X\_FORWARDED\_PORT 443 added*