

## TYPO3 Core - Bug #75908

### Respect ssl\_verify\_peer, ssl\_verify\_host and ssl\_cacert settings for curl requests not only in case of using curlProxyServer

2016-04-25 12:29 - Petra Arentzen

<b>Status:</b>	Rejected	<b>Start date:</b>	2016-04-25
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Petra Arentzen	<b>% Done:</b>	0%
<b>Category:</b>	Backend API	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for patchlevel	<b>Complexity:</b>	
<b>TYPO3 Version:</b>	7	<b>Is Regression:</b>	No
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

In contrast to solution in [#75038](#) I think the 'ssl\_verify\_\*' option in configuration should be respected not only when option 'curlProxyServer' is set:

Index: typo3/sysext/core/Classes/Utility/GeneralUtility.php  
<+>UTF-8

```
-----  
--- typo3/sysext/core/Classes/Utility/GeneralUtility.php      (revision )  
+++ typo3/sysext/core/Classes/Utility/GeneralUtility.php      (revision )  
@@ -2474,11 +2474,13 @@  
         if (is_array($requestHeaders)) {  
             curl_setopt($ch, CURLOPT_HTTPHEADER, $requestHeaders);  
         }  
+  
+         curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, (bool)$GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_verify_host']);  
+         curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, (bool)$GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_verify_peer']);  
+  
         // (Proxy support implemented by Arco <arco@appeltaart.mine.nu>)  
         if ($GLOBALS['TYPO3_CONF_VARS']['SYS']['curlProxyServer']) {  
             curl_setopt($ch, CURLOPT_PROXY, $GLOBALS['TYPO3_CONF_VARS']['SYS']['curlProxyServer']);  
-         curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, (bool)$GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_verify_host']);  
-         curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, (bool)$GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_verify_peer']);  
             if ($GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_verify_peer']) {  
                 if ($GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_cacert']) {  
                     curl_setopt($ch, CURLOPT_CAINFO, $GLOBALS['TYPO3_CONF_VARS']['HTTP']['ssl_cacert']);  
-                 }  
-             }  
-         }  
-     }  
- }  
- }  
- }  
- }
```

#### Reason:

It's an annoying problem in environments where a self signed certificate is used, e.G. while developing or testing. I guess many developers work with such a certificate. So they have to change core files for running code which uses GeneralUtility::getUrl() or switch back to http:, which in my case (and in surely in some others) also means to change .htaccess where https: is forced.

#### Related issues:

Related to TYPO3 Core - Task #75038: Respect ssl_verify_peer, ssl_verify_host...	<b>Closed</b>	<b>2016-03-13</b>
Related to TYPO3 Core - Bug #77490: geturl stream context doesn't respect ssl...	<b>Rejected</b>	<b>2016-08-12</b>
Has duplicate TYPO3 Core - Bug #77489: curl: respect ssl_* settings without c...	<b>Closed</b>	<b>2016-08-12</b>

#### History

##### #1 - 2016-09-03 16:56 - Philipp Gampe

Please provide a patch to gerrit:

<https://docs.typo3.org/typo3cms/ContributionWorkflowGuide/>

**#2 - 2016-09-04 23:27 - Gerrit Code Review**

- Status changed from New to Under Review

Patch set 1 for branch **TYPO3\_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/49861>

**#3 - 2016-11-15 16:02 - Alexander Opitz**

- Category set to Backend API
- Assignee set to Petra Arentzen
- Target version set to Candidate for patchlevel

Please provide the patch at first for master. It will get backported later on.

**#4 - 2016-11-16 16:36 - Tobias Liebig**

This bug does not relate to master as GeneralUtility::getUrl is completely refactored using Guzzle instead of cUrl.

@Alexander Opitz: could you please reconsider your -1 review?

**#5 - 2017-06-15 00:23 - Gerrit Code Review**

Patch set 2 for branch **TYPO3\_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/49861>

**#6 - 2017-06-15 00:23 - Gerrit Code Review**

Patch set 3 for branch **TYPO3\_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/49861>

**#7 - 2017-06-15 00:27 - Gerrit Code Review**

Patch set 4 for branch **TYPO3\_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/49861>

**#8 - 2018-03-13 11:48 - Alexander Opitz**

- Has duplicate Bug #77489: curl: respect ssl\_\* settings without curlProxyServer=1 added

**#9 - 2018-03-21 10:41 - Alexander Opitz**

BTW: the CURLOPT\_SSL\_VERIFYHOST seems to be used wrong, it isn't a boolean value, it is an integer, See [https://curl.haxx.se/libcurl/c/CURLOPT\\_SSL\\_VERIFYHOST.html](https://curl.haxx.se/libcurl/c/CURLOPT_SSL_VERIFYHOST.html)

**#10 - 2018-03-21 12:21 - Gerrit Code Review**

Patch set 5 for branch **TYPO3\_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/49861>

**#11 - 2018-03-21 12:21 - Gerrit Code Review**

Patch set 6 for branch **TYPO3\_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.  
It is available at <https://review.typo3.org/49861>

**#12 - 2018-03-29 18:49 - Christian Kuhn**

- Status changed from Under Review to Rejected