

## TYPO3 Core - Bug #27210

### t3lib\_div::cmpIPv6() fails to compare

2011-06-04 20:25 - Stefan Neufeind

<b>Status:</b>	Closed	<b>Start date:</b>	2011-06-04
<b>Priority:</b>	Should have	<b>Due date:</b>	
<b>Assignee:</b>	Stefan Neufeind	<b>% Done:</b>	100%
<b>Category:</b>	Miscellaneous	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Complexity:</b>	
<b>TYPO3 Version:</b>	4.6	<b>Is Regression:</b>	
<b>PHP Version:</b>		<b>Sprint Focus:</b>	
<b>Tags:</b>			

#### Description

Error is that IPv6Hex2Bin returns a binary representation (16 characters for the 128 bits) instead of a string with 128 bits (0/1) as the current source assumes when using strcmp.

Also currently only netmasks of /48, /64 and /128 are supported, which can also be reworked in this context.

#### Related issues:

Related to TYPO3 Core - Feature #25336: Add support for IPv6	<b>Closed</b>	<b>2011-03-16</b>
Related to TYPO3 Core - Bug #17221: Matching IPv6-addresses is not working co...	<b>Closed</b>	<b>2007-04-19</b>
Related to TYPO3 Core - Bug #27294: IPv6 Support for \$TYPO3_CONF_VARS['FE']["...]	<b>Closed</b>	<b>2011-06-08</b>

#### Associated revisions

##### Revision adcf6084 - 2011-07-12 13:19 - Stefan Neufeind

[BUGFIX] t3lib\_div::cmpIPv6() fails to compare

cmpIPv6 makes wrong assumptions about the output of IPv6Hex2Bin(). Also currently only netmasks of /48, /64 and /128 are supported.

Added a cleanup for an E\_NOTICE on exploding the bitmask.  
Replaced IPv6Hex2Bin() with php function (same output, just quicker).  
Added testcases.

Change-Id: I816db2b9ce42d13f61ecd7f87406730c424de52f  
Resolves: #27210  
Releases: 4.6, 4.5  
Reviewed-on: <http://review.typo3.org/2519>  
Reviewed-by: Stefan Neufeind  
Tested-by: Stefan Neufeind  
Reviewed-by: Xavier Perseguers  
Tested-by: Xavier Perseguers

##### Revision 069fc928 - 2011-07-12 13:20 - Stefan Neufeind

[BUGFIX] t3lib\_div::cmpIPv6() fails to compare

cmpIPv6 makes wrong assumptions about the output of IPv6Hex2Bin(). Also currently only netmasks of /48, /64 and /128 are supported.

Added a cleanup for an E\_NOTICE on exploding the bitmask.  
Replaced IPv6Hex2Bin() with php function (same output, just quicker).  
Added testcases.

Change-Id: I5ac146942c5f7d407f233206ccad6e3c9c6c58  
Resolves: #27210  
Releases: 4.6, 4.5  
Reviewed-on: <http://review.typo3.org/3268>  
Reviewed-by: Xavier Perseguers  
Tested-by: Xavier Perseguers

#### History

**#1 - 2011-06-04 20:33 - Mr. Hudson**

Patch set 1 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/2519>

**#2 - 2011-06-06 01:51 - Mr. Hudson**

Patch set 2 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/2519>

**#3 - 2011-06-06 20:24 - Mr. Hudson**

Patch set 3 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/2519>

**#4 - 2011-07-09 00:42 - Mr. Hudson**

Patch set 4 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/2519>

**#5 - 2011-07-09 00:47 - Mr. Hudson**

Patch set 5 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/2519>

**#6 - 2011-07-12 11:38 - Mr. Hudson**

Patch set 6 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/2519>

**#7 - 2011-07-12 13:18 - Mr. Hudson**

Patch set 1 of change I816db2b9ce42d13f61ecd7f87406730c424de52f has been pushed to the review server.  
It is available at <http://review.typo3.org/3268>

**#8 - 2011-07-12 13:20 - Xavier Perseguers**

- Status changed from New to Resolved
- Target version set to 1281
- % Done changed from 0 to 100

master: Change has been successfully cherry-picked as adcf60846a994d5fe1b47f78dda0720ca272dfbc.  
TYPO3\_4-5: Change has been successfully cherry-picked as 069fc9285cae9dc2fb93e5f989ea9ac89b277c7d.

**#9 - 2012-03-07 13:33 - Xavier Perseguers**

- Status changed from Resolved to Closed

**#10 - 2013-06-01 14:43 - Ernesto Baschny**

- Target version deleted (1281)