TYPO3.Setup - Bug # 41810

Status:	Closed	**Priority:**	Should have
Author:	Tim Eilers	**Category:**	
Created:	2012-10-09	**Assigned To:**	Henjo Hoeksma
Updated:	2014-10-02	**Due date:**	
Subject:	Symlinks don't work if open_basedir and suhosin is used		

Description

I know, that doesn't belong in a bug report, but i first wanted to say Neos looks and feels AWESOME. Can't wait until it is finished, it will really rock!

Now to the bug: I tried Neos on my web server, which is secured in many ways, so i use open_basedir and suhosin. After enabling some PHP functions again and pointing to the correct PHP binary (all was told me by the setup dialog), i was able to install Neos, but all images and CSS were missing.

After watching my logs i found this:

    suhosin[14166]: ALERT - symlink called during open_basedir (attacker 'REMOTE_ADDR not set', file
    '/var/www/xxxxxxxx/Data/Temporary/Production/Cache/Code/Flow_Object_Classes/TYPO3_Flow_Resource_Publishing_FileSystemPublis
    ystemPublishingTarget_Original.php', line 116)

This can be solved by setting

    suhosin.executor.allow_symlink = On

in php.ini, then Neos runs just fine after a fresh install.

May be it is not possible to run Neos / Flow without symlinks created by PHP, but at least **the setup should check that configuration option**.

In general: Is it planned to enable Neos on more secure systems in the future? I am not really happy with allowing exec,system and the suhosin symlink option.

History

#1 - 2012-10-09 22:29 - Christian Müller

- Project changed from TYPO3.Neos to TYPO3.Flow

#2 - 2012-10-09 22:30 - Christian Müller

- Subject changed from Neos loses all symlinks if open_basedir and suhosin is used to Symlinks don't work if open_basedir and suhosin is used

- Has patch set to No

- Affected Flow version set to Git 1.2 (master)

#3 - 2012-10-09 22:30 - Christian Müller

- Project changed from TYPO3.Flow to TYPO3.Setup

#4 - 2012-11-07 10:23 - Karsten Dambekalns

Tim Eilers wrote:

> *I know, that doesn't belong in a bug report, but i first wanted to say Neos looks and feels AWESOME. Can't wait until it is finished, it will really rock!*

Thanks!

> *May be it is not possible to run Neos / Flow without symlinks created by PHP, but at least **the setup should check that configuration option**.*

No, Flow will always need symlinks. A check can be added, though.

> *In general: Is it planned to enable Neos on more secure systems in the future? I am not really happy with allowing exec,system and the suhosin symlink option.*

Security is not a problem of exec, system and symlink. Illegal use of those is a problem. Anyway, if you lock down permissions enough, even that should be something that is of low risk.

#5 - 2013-04-10 21:42 - Aske Ertmann

- Status changed from New to Accepted

- Priority changed from -- undefined -- to Should have

This bugfix should be about checking for symlink creation during the setup system check.

#6 - 2014-10-02 10:53 - Henjo Hoeksma

- Assigned To set to Henjo Hoeksma

Moving to Jira

#7 - 2014-10-02 10:55 - Henjo Hoeksma

- Status changed from Accepted to Closed

https://jira.typo3.org/browse/NEOS-498