Testing Remember Me

Apply the patch you have been sent.

There are a lot of different parts to this.

## Set up:

- Make sure that you have the remember me plugin enabled and that you have a non admin user to use for testing.
- To see cookies use something like Chrome developer tools and click right on your page. Then go to the Resources tab.
- You need to run the database changes to create the new table\*
- You will need to discover install a new plugin, cookie authentication.
- In the index of your template underneath \$user = JFactory::getUser(); put

var\_dump(\$user);

\* To run database changes

Go to administrator/components/com\_admn/sql/find the 3.1.2 or 2.5.12 update as appropriate.

In that file change the #\_ to your prefix and in phpmyadmin (or however you do sql) either import or run in the sql tab.

Image below shows basic set up when you are not logged in

object(JUser)#27 (24) { ["isRoot":protected]=> bool(false) ["id"]=> int(0) ["name"]=> NULL ["username"]=> NULL ["email"]=> NULL ["password"]=> NULL ["password\_clear"]=> string(0) "" ["block"]=> NULL ["name"]=> NULL ["name" int(0) ["registerDate"]=> NULL ["lastvisitDate"]=> NULL ["activation"]=> NULL ["params"]=> NULL ["groups"]=> array(1) { [0]=> string(2) "13" } ["guest"]=> int(1) ["lastResetTime"]=> NULL ["resetCount"]= ["\_params":protected]=> object(JRegistry)#28 (1) { ["data":protected]=> object(stdClass)#29 (0) { } } ["\_authGroups":protected]=> array(2) { [0]=> int(1) [1]=> int(13) } ["\_authLevels":protected]=> array(3)  $[2] = \inf(5) \ ["\_authActions":protected] = NULL \ ["\_errorMsg":protected] = NULL \ ["\_errors":protected] = array(0) \ \{\ ["aid"] = \inf(0) \ \} \ ["\_errors":protected] = array(0) \ \{\ ["\_errorMsg":protected] = array(0) \ \{\ ["\_errors":protected] = array(0) \ \{\$ Search. easy32 Sample Sites Joomla.org Parks Fruit Shop Joomla! Testing Main Menu Home Thanks for helping us to test Joomla! Login Sample Sites We're getting ready for the release of Joomla 3.0 and we appreciate you helping us find and fix problems as we Site Administrator work If you haven't done testing before here are some tips. . Don't delete the installation folder when you finish installing! While we're working we turn that security feature off to make it easier to test. · Go to global configuration and set Error Reporting to Development (that's on the server tab) and enable both All Front End debugging and language debugging (those are on the system tab). Don't worry when you see \*\* around words -Views Elements Resources Network Sources Expires / ... ▼ 🦳 Frames 127.0.0.1 087f9835a63b5aa809c13aad5636a63b r24e1h8hluc5h9p0382us2lns7 Session ▶ [ (127.0.0.1/) 15188e18d6b03fcd0511152b83bc5fee en-GB 127.0.0.1 Sun, 06 Jul... ► 🗎 Web SQL 353abaac8263920ea992fc5c1dc5ec60 en-GB 127.0.0.1 Sun, 30 M... ▼ 🛜 IndexedDB 8696e0a14fc386f55658553673e3347f en-GB 127.0.0.1 Wed. 21 M... ► III Local Storage ▼ III Session Storage http://127.0.0.1:8080 ▼ 👺 Cookies 127.0.0.1 모모

### Test 0

Try regular login and logout, no remember me checked.

Make sure you don't get a cookie and all works as expected.

Also make sure you still get blocked with a bad password.

**New** Also create a brand new user and make sure that user can login.

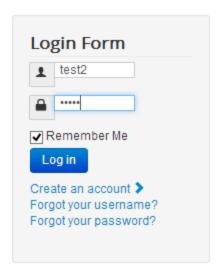
#### Test 1

### Basic usage

If you have done remember me testing before it is best to start with a totally clear #\_\_user\_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we are confirming that you get a cookie when you check the remember me box, that a row is stored in the database, and that both are destroyed when you log out.

As a non admin user login with the remember me box checked.



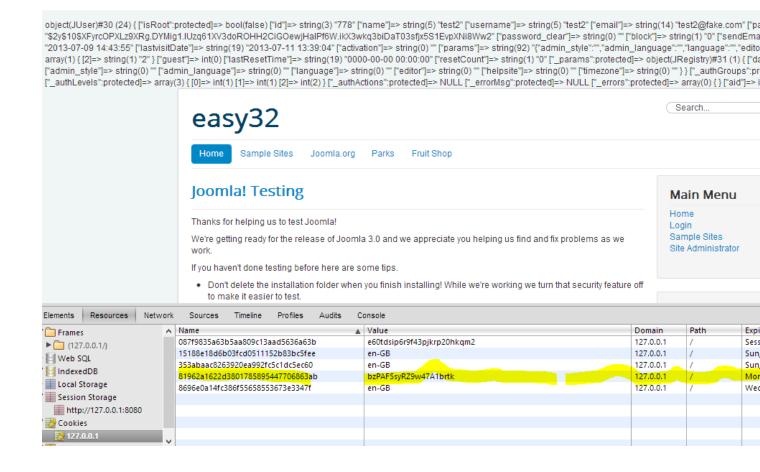
- →You should get a cookie set to expire in 60 days in CMS 3
- →In your database you should get a new row in the #\_\_user\_keys table

Logout with the button.

→The cookie should be destroyed.

Now try the same as an administrator. You should not get a cookie and not get a row stored.

Image: Basic setup showing user object and a remember me cookie



### Test 2

If you have done testing before it is best to start with a totally clear #\_\_user\_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

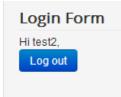
In this test we want to confirm that you get a new cookie each time, that cookieLogin property is added to the user when logging in with a cookie, that users who login with cookies cannot edit the user profile, and that this works repeatedly and with several tabs open.

Login as non admin with remember me checked.

→Confirm there is a cookie . Write down or copy the first few letters Go to the home page or any page that is not the login/user profile Delete your session cookie and refresh.

(See Image with no session cookie)

You still should be logged in, but with a new cookie value Cookies and login after refreshing (and a successful remember me login)



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Sources	Timeline P	rofiles	Audits	Co	onsole			
Name				A	Value	Domain	Path	E
087f9835a63b	5aa809c13aad	5636a63I	b		kkfru99e4ouotlmhcsaunie405	127.0.0.1	/	S
15188e18d6b	03fcd0511152b	83bc5fe	e		en-GB	127.0.0.1	1	S
353abaac8263	3920ea992fc5c1	dc5ec60			en-GB	127.0.0.1	/	S
81962a1622d	3801785895447	706863a	b		ygFrW77MbmH0I4pThJY1	127.0.0.1	1	N
8696e0a14fc3	86f5565855367	3e3347f			en-GB	127.0.0.1	/	٧

- →Look at the login module to confirm you are logged in.
- →You should have a cookie but with a new value
- → Your user data should now include: "[cookierLogin]"=> bool(true)

object(JUser)#126 (25) { ["isRoot":protected]=> bool(false) ["id"]=> string(3) "778" ["name"]=> string(5) "test2" ["username"]=> string(5) "test2" ["email"]=> string(14) "test2@fake.cstring(92) "\$2y\$10\$XFyrcOPXLz9XRg.DYMig1.IUzq61XV3doROHH2CiGOewjHalPf6W.ikX3wkq3biDaT03sfjx5S1EvpXNi8Ww2" ["password\_clear"]=> string(0) "" ["block"]=> string ["sendEmail"]=> string(1) "0" ["registerDate"]=> string(19) "2013-07-09 14:43:55" ["lastvisitDate"]=> string(19) "2013-07-11 13:52:18" ["activation"]=> string(0) "" ["params"]=> string ["admin\_style":-,"admin\_language":-,"language":-,"lelpsite":-,"timezone":-," ["groups"]=> array(1) [2]=> string(1) "2" ]"guest"]=> int(0) ["lastResetTime"]=> string(19) 00:000 ["resetCount"]=> string(1) "0" ["\_params":protected]=> object(JRegistry#139 (1) ["data":protected]=> object(stdClass)#136 (6) { ["admin\_style"]=> string(0) " ["language"]=> string(0) ["language"]=> string(0)

Please repeat this several times, you should be able to use remember me login over and over. Also please try opening a new tab to the site in the same browser and refreshing. You should be logged in. Each time you need to delete your session cookie but only the session cookie to test. Once you log in normally the loginRemember will disappear

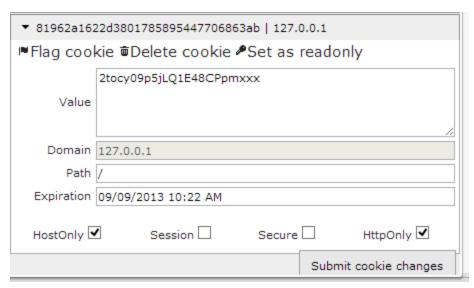
Browse to the edit profile page.

- → You should get a login screen instead of the profile screen
- →Go to the admin and refresh. You should not be be logged in to the administrator.

### Test 3

If you have done testing before it is best to start with a totally clear #\_\_user\_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we try to use a corrupt cookie and we want to fail.



Use a cookie editing application change the value of the remember me cookie. (get a plugin for your browser)

Delete your session cookie (these say Session)

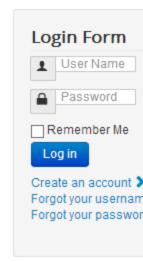
Refresh the page

→You should not be logged in

The valid cookie information will still be in the database.

The invalid cookie will still be in your browser

After finishing this test make sure to delete the corrupt cookie



# 

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rl	Sources Timeline Profiles Au	lits Console			
•	Name	Value	Domain	Path	Expires /
	087f9835a63b5aa809c13aad5636a63b	r0j27mbdffkl9ji0uobjocl301	127.0.0.1	/	Session
	15188e18d6b03fcd0511152b83bc5fee	en-GB	127.0.0.1	/	Sun, 06 J.
	353abaac8263920ea992fc5c1dc5ec60	en-GB	127.0.0.1	/	Sun, 30
	81962a1622d3801785895447706863ab	2tocy09p5jLQ1E48CPpmxxxx	127.0.0.1	/	Mon, 09 .
	8696e0a14fc386f55658553673e3347f	en-GB	127.0.0.1	/	Wed, 21.

### Test 4

Expired cookies

If you have done testing before it is best to start with a totally clear #\_\_user\_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we make sure that expired cookies are deleted from the database and can't be used.

Login as non admin user with remember me box checked.

Go to your database #\_\_user\_keys table and for the cookie edit the 'time' field. Changing the the value to 1370000 will do the trick.

Delete session.

Refresh.

- → You should not be logged in
- →I In the database the row for that cookie should be gone

### Test 5

## Joomla CMS 3 Only

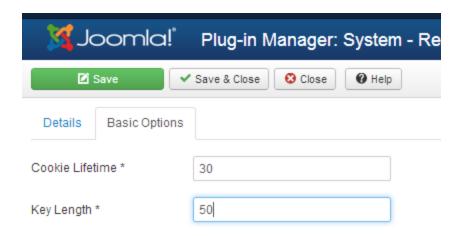
Plugin parameters

If you have done testing before it is best to start with a totally clear #\_\_user\_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we make sure that the new remeber me plugin parameters work

Go to the remember me plugin in the plugin manager. Change the key length and cookie life time settings.

Note this image is out of date, there is now a drop down for length.



Login with a non admin user and remember me checked.

→ New cookie should reflect the new settings

Name	Value	Domain	Path	Expires / Max-Age	1	НТТР
087f9835a63b5aa809c13aad5636a63b	g4ij3d4uol1f2lsvd6sa78hjd5	127.0.0.1	1	Session	1	1
15188e18d6b03fcd0511152b83bc5fee	en-GB	127.0.0.1	1	Sun, 06 Jul 2014 16	:	
1fa988031405a68b198dba9d1a4993fb	56b21h06vduu75j95cqg24ses4	127.0.0.1	1	Session	1	1
353abaac8263920ea992fc5c1dc5ec60	en-GB	127.0.0.1	1	Sun, 30 Mar 2014 1	:	
81962a1622d3801785895447706863ab	Sfdc5eoI6VZIEtiIR0MNQrAZGaPE3RC87IdffjP6jtKcSPuBse	127.0.0.1	1	Sat, 10 Aug 2013 1	ы	1
8696e0a14fc386f55658553673e3347f	en-GB	127.0.0.1	1	Wed, 21 May 2014	١.	

## Test 6

If you have done testing before it is best to start with a totally clear #\_\_user\_keys table to get rid of any old cookie records. Go to the database and delete any data in that table.

In this test we want to be sure that when a user is deleted any rows in #\_\_user\_keys are deleted

Create a new non admin user.

Do a login with remember me checked.

Note that a row is created.

Delete the session for the user and close the tab or window.

In the administrator delete the user

Check the #\_\_user\_keys table

→The deleted user's rows should be gone.

The same should work for when a user is blocked in the user manager (all the user's rows in #\_\_user\_keys should be deleted)