Regular users cannot move or delete anymore a page created by them which has been converted to terminal

﹀ Details

Type:	🟥 Bug	Resolution:	Fixed
Priority:	⛔ Blocker	Fix Version/s:	12.10.11, (2)
Affects Version/s:	11.1, 13.4.3, 12.10.9, 13.7		
Component/s:	Security		
Labels:	regression		
Environment:	Windows 10 Pro 64 bit, Firefox 92, using a local instance of XWiki 13.7 on MariaDB 10.6, Tomcat 9.0.53		
Tests:	Unit		
Difficulty:	Unknown		
Documentation:	N/A		
Documentation in Release Notes:	N/A		
Similar issues:			

﹀ Description

STEPS TO REPRODUCE

1. Create an user (U1)
2. Login as U1 (advanced user)
3. Create a page (e.g. Pag1)
4. Create a WebHome (non-terminal) child to this page (Pag1/Pag2/)
5. On Pag2, click 'More Actions' > 'Move / Rename'
6. Tick 'Rename as Terminal Page'
7. Click 'Rename'
8. Go again to Pag2, click 'More Actions'
9. Observe the options available under 'Manage' section

EXPECTED RESULTS

Since the renamed (now Terminal) 'Pag2' page was initially created by the same user (U1), on 'More Actions' > 'Manage' drop-down section, the 'Move / Rename' and 'Delete' actions are also available.
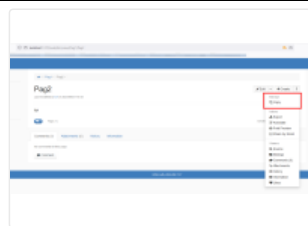
ACTUAL RESULTS

The user U1 has available only the 'Copy' action.

If the page Pag2 is created from the beginning as Terminal, the 'Move / Rename' and 'Delete' actions are present.

The issue reproduces also on older XWiki versions, including XWiki 11.1, but could not reproduce it on XWiki 11.0.3.
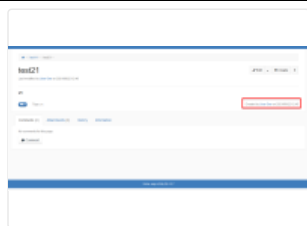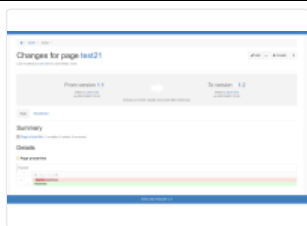
﹀ Attachments

Cannot_Rename_or_[	Created_by_U1.png	Last_modified_U1_His	Last_modified_U1_His
21/Sep/21 14:48 39 kB	22/Sep/21 13:45 25 kB	22/Sep/21 11:52 45 kB	22/Sep/21 11:52 35 kB

﹀ Activity

Newest first

Thomas Mortagne added a comment - 29/Nov/21 11:27 - edited

So the root cause of this bug is that the SPACE Pag1.Pag2 and the DOCUMENT Pag1.Pag2 have the same cache key and unfortunately a race condition makes the UI check the right of SPACE Pag1.Pag2 (and putting it in the cache) before checking the right of DOCUMENT Pag1.Pag2 (which reuse what's already in the cache) right after the rename. This bug is as old as the security cache, but something probably changed in the UI which made checking the right of the SPACE done before checking the right of the DOCUMENT (and there is not really anything wrong about that).

Thomas Mortagne added a comment - 25/Nov/21 12:28 - edited

I was able to reproduce with the steps iandriuta gave in the description, but an important detail: If I restart and go back to the page I have the delete action.

It seems to be a security cache invalidation bug (it's not properly cleaned after the move).

Thomas Mortagne added a comment - 22/Sep/21 15:57

OK, thanks for all the info iandriuta. It's a very strange behavior, I guess we'll have to reproduce and debug that now...

Ilie Andriuta added a comment - 22/Sep/21 13:45 - edited

Ah, sorry, after conversion the creator is still the same user U1: Created_by_U1.png

Thomas Mortagne added a comment - 22/Sep/21 12:53 - edited

> After renaming the page to terminal, the user who modified it is still the user U1 (which created it initially), please see: Last_modified_U1_History_Diff.png and Last_modified_U1_History.png.

That's the last author, what is important is the **creator** so "Created by".

Ilie Andriuta added a comment - 22/Sep/21 11:51 - edited

I've reproduced the issue only when converting a page to terminal as when the WebHome page is simply renamed (changed its location for ex) the 'Move / Rename' and 'Delete' actions are there.

After renaming the page to terminal, the user who modified it is still the user U1 (which created it initially), please see: Last_modified_U1_History_Diff.png and Last_modified_U1_History.png.

Thomas Mortagne added a comment - 22/Sep/21 09:21 - edited

> in this case the initial page creator and the user that converts the page to terminal is the same user

Right, sorry I read too fast. Do you reproduce the same issue when doing any kind of rename or only when "converting" to terminal ?

Could you check who is indicated as creator of the page after the move (that's what controls who is allowed to DELETE).

Ilie Andriuta added a comment - 22/Sep/21 08:39 - edited

Yes, but in this case the initial page creator and the user that converts the page to terminal is the **same user** (U1). From what I've tested, the regression was introduced in XWiki 11.1 because in XWiki 11.0.3 (and older versions, tested on 11.0, 10.11.11) it cannot be reproduced, the 'Move / Rename' and 'Delete' actions are present after conversion.

Thomas Mortagne added a comment - 21/Sep/21 15:46 - edited

> converted to terminal

This technically means it's been moved. When you move a page the creator is switched to who did the move (the creator of that new page), so that would make this issue a duplicate of XWIKI-14207 which look much older than 11.0.3.

Ilie Andriuta added a comment - 21/Sep/21 15:21 - edited

I've marked the issue as Critical since it's a quite old regression but its priority can be modified as needed.

People

Assignee:

Thomas Mortagne ⓘ

Reporter:

Ilie Andriuta ⓘ

Votes:

0 Vote for this issue

Watchers:

2 Start watching this issue

⌄ **Dates**

Created:

21/Sep/21 15:12

Updated:

22/Mar/22 11:58

Resolved:

29/Nov/21 16:34

Date of First Response:

21/Sep/21 3:46 PM