🕹 Maniphest > 7285190

✓ Special:GlobalUserRights reveals existence of globally suppressed users (CVE-2021-36127) Actions ☑ Closed, Resolved ☑ Public SECURITY Assigned To Zabe Authored By Zabe 2021-06-20 16:59:21 (UTC+0) Security-Team (Our Part Is Done) Security **≫** Vuln-Infoleak ★ MediaWiki-extensions-CentralAuth (Incoming) ♥ MW-1.37-notes (1.37.0-wmf.14; 2021-07-12) Referenced Files F34532053: 0001-SECURITY-Actlike-users-don-t-exist-if-hiddenfrom-v.patch 2021-06-29 21:32:24 (UTC+0) F34524186: 0001-SECURITY-Actlike-users-don-t-exist-if-hiddenfrom-v.patch 2021-06-23 22:34:59 (UTC+0) F34520123: 0001-SECURITY-Actlike-users-don-t-exist-if-hiddenfrom-v.patch 2021-06-22 10:19:54 (UTC+0) F34515858: 0001-SECURITY-Actlike-users-don-t-exist-if-hiddenfrom-v.patch 2021-06-20 17:01:35 (UTC+0) F34515795: nonexisting.png 2021-06-20 16:59:21 (UTC+0) F34515796: suppressed.png 2021-06-20 16:59:21 (UTC+0) Subscribers Aklapper CptViraj DannyS712 Mstyles sbassett ST47 Zabe Description Globally suppressed users should be treated like they don't exist, but Special:GlobalUserRights reveals the existence of them. See related #276306: EVE-2021-30156: Special:Contributions toolbar reveals existence of hidden users | T270453: CVE-2021-30153: ApiVisualEditor leaks info about hidden users Steps to reproduce 1. Globally suppress an account, e.g. ${\tt Some}\ {\tt Account}$. 2. Goto Special:GlobalUserRights/Some Account, where Some Account is that globally suppressed account. **Expected result** Membership in global groups **Actual result**

Details

Author Affiliation
Wikimedia Communities

(screenshots were taken on beta cluster)

Project	Subject		
P mediawiki/extensions/CentralA	uth SECURITY: Act like users don't exist if hidden from viewer		
P mediawiki/extensions/CentralA	uth SECURITY: Act like users don't exist if hidden from viewer		
P mediawiki/extensions/CentralA	uth SECURITY: Act like users don't exist if hidden from viewer		
P mediawiki/extensions/CentralA	uth SECURITY: Act like users don't exist if hidden from viewer		
Customize query in gerrit			
Related Objects			
Mentions Duplicates			
Mentioned In			
T200003: Globally hidden usernames	ean be enumerated by unauthenticated users by enanting Special Clobal User Rights with user IDs		
T279733: Write and send supplemen Mentioned Here	ary release amountement for extensions and skins with security patches (1.31.15/1.35.3/1.36.1)		
T200002. Globally hidden usernames can be enumerated by unauthenticated users by enumling Special Global UserRights with user IDs			
T270453: CVE 2021 30153: ApiVisual	Editor leaks into about hidden users		
1270300. CVL 2021 30130. Special.C	Similarations toolian reveals existence of material users		
Zabe created this task. 2021-06-2	0 16:59:21 (UTC+0)		
♣	subscriber: Aklapper . · View Herald Transcript 2021-06-20 16:59:22 (UTC+0)		
Zabe added a comment. Edited -	2021-06-20 17:01:35 (JITC +0)	-	
This patch should do the job:			
0001-SECURITY-Act-like-users-don-t-exist-if-hidden-from-v.patch 1 KB Download			
Download			
(untested, as I do not have a local CentralAuth setup)			
% Zabe added projects: User Zabe ,	Vuln-Infoleak, MediaWiki-extensions-CentralAuth. 2021-06-20 17:02:18 (UTC+0)		
% Zabe added a project: Patch-For-Review. 2021-06-20 17:05:35 (UTC+0)			
LannyS712 added a subscriber: DannyS712. 2021-06-20 19:26:03 (UTC+0)			
sbassett moved this task from Incoming to Security Patch To Deploy on the Security-Team board. 2021-06-21 15:53:29 (UTC+0)			
		•	
wistyles added a subscriber: wist	yles. Edited - 2021-06-21 21:01:09 (UTC+0)	1 *	
	y suppressed users, but there are some users who have both <code>gu_status</code> and <code>lists</code> as attributes, in the database still have the same error message. Not sure if the patch should cover those users as well.		
Another patch can be submitted if th	at's the case. More context for hidden lists -> 🕹 https://phabricator.wikimedia.org/T192957		
■ Mstyles moved this task from Se	curity Patch To Deploy to Our Part Is Done on the Security-Team board. 2021-06-21 21:15:50 (UTC+0)	-	
County makely dead over all long 24, 200	4 - http://wildesiferre.com/spi/04DaMIJaBa/CDCCTOpCOp		
Security patch deployed June 21, 202	1-> https://sal.toolforge.org/log/Q1RpMHoBa_6PSCT9zC0q		
% sbassett removed a project: Patc	1-For-Review . 2021-06-21 21:16:52 (UTC+0)		
% Mstyles mentioned this in 12797	33. Write and send supplementary release announcement for extensions and skins with security patches (1.31.15/1.35.3/1.36.1). 2021-06-21 21:18:52 (UTC+0)		
Zabe claimed this task. 2021-06-	22 10:03:58 (UTC+0)	-	
1			
In T285190#7168051 , @Mstyles			
@Zabe this patch works for globally suppressed users, but there are some users who have both gu_status and lists as attributes, in the database still have the same error message. Not sure if the patch should cover those users as well. Another patch can be submitted if that's the case. More context for hidden lists -> thitps://phabricator.wikimedia.org/T192957			
Users with \$mHidden set to 'lists' will be hidden on Special:CentralAuth and Special:GlobalUsers. Therefore I assume that they should also be hidden on Special:GlobalUserRights. So let me create a second patchset, which includes users with \$mHidden set to 'lists'. On the other hand, I have to say that I don't know what you mean by gu status.			
	· · · · · · · · · · · · · · · · · · ·		
Zabe added a project: Patch-For	Review. 2021-06-22 10:19:54 (UTC+0)	-	
0001-SECURITY-Act-like-us	ers-don-t-exist-if-hidden-from-v.patch 1 KB		
Download			
patchset 2			

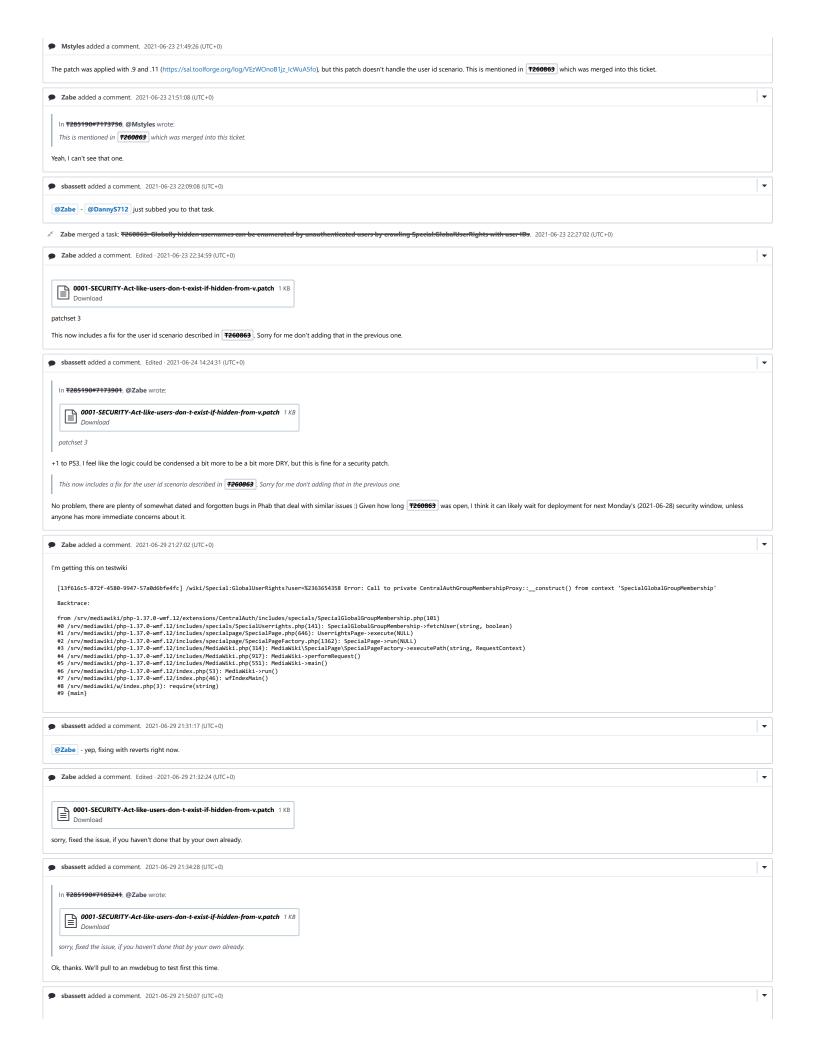
- → sbassett triaged this task as *Low* priority. 2021-06-22 15:23:49 (UTC+0)
- * sbassett merged a task: 7260863: Globally hidden usernames can be enumerated by unauthenticated users by crawling Special-Globall/SerRights with user IBs. 2021-06-23 19:09:50 (UTC+0)
- % sbassett mentioned this in 7260063. Globally hidden usernames can be enumerated by unauthenticated users by crawling Special Global User Rights with user ID:

sbassett moved this task from Our Part Is Done to Security Patch To Deploy on the Security-Team board. 2021-06-22 15:23:34 (UTC+0)

+1 to the patch above. We can try to get this updated patch out sometime this week during a train-friendly/backport window-friendly time.

sbassett added a subscriber: ST47.

sbassett added a subscriber: **sbassett**.



Ok, the buggy PS3 patch made it to wmf.11 and wmf.12 for a bit, but was reverted (1, 2). The new PS4 patch that fixed the bug was tested on mwdebug1002 and looked fine and was deployed to wmf.11 and wmf.12 (1, 2). We tested the enwiki link from **T260863** and there were no errors, and nothing in logstash either. So I think we're good for now. sbassett moved this task from Security Patch To Deploy to Watching on the Security-Team board. 2021-06-29 21:58:13 (UTC+0) ■ sbassett changed the visibility from "Custom Policy" to "Public (No Login Required)". 2021-07-01 22:43:01 (UTC+0) sbassett changed the edit policy from "Custom Policy" to "All Users". gerritbot added a comment. 2021-07-01 22:43:17 (UTC+0) Change 702771 had a related patch set uploaded (by SBassett; author: Zabe): [mediawiki/extensions/CentralAuth@master] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702771 ● gerritbot added a comment. 2021-07-01 22:43:47 (UTC+0) • Change 702722 had a related patch set uploaded (by SBassett; author: Zabe): [mediawiki/extensions/CentralAuth@REL1_36] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702722 gerritbot added a comment. 2021-07-01 22:43:57 (UTC+0) Change 702723 had a related patch set uploaded (by SBassett; author: Zabe): [mediawiki/extensions/CentralAuth@REL1 35] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702723 gerritbot added a comment. 2021-07-01 22:44:06 (UTC+0) Change 702724 had a related patch set uploaded (by SBassett; author: Zabe): [mediawiki/extensions/CentralAuth@REL1 31] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702724 gerritbot added a comment. 2021-07-02 15:46:52 (UTC+0) Change 702771 merged by jenkins-bot: [mediawiki/extensions/CentralAuth@master] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702771 ReleaseTaggerBot added a project: WW-1.37-notes (1.37.0-wnif.14, 2021-07-12). 2021-07-02 16:00:19 (UTC+0) gerritbot added a comment. 2021-07-02 16:06:20 (UTC+0) Change 702724 merged by jenkins-bot: [mediawiki/extensions/CentralAuth@REL1_31] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702724 gerritbot added a comment. 2021-07-02 16:08:10 (UTC+0) Change 702723 **merged** by jenkins-bot: [mediawiki/extensions/CentralAuth@REL1_35] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702723 gerritbot added a comment. 2021-07-02 16:11:01 (UTC+0) Change 702722 merged by jenkins-bot: [mediawiki/extensions/CentralAuth@REL1_36] SECURITY: Act like users don't exist if hidden from viewer https://gerrit.wikimedia.org/r/702722 sbassett renamed this task from Special:GlobalUserRights reveals existence of globally suppressed users (CVE-2021-36127). 2021-07-02 20:04:23 (UTC+0) □ sbassett moved this task from Watching to Our Part Is Done on the Security-Team board. Le CptViraj added a subscriber: CptViraj. 2021-07-03 17:01:28 (UTC+0) Sabe removed a project: Patch-For-Review. 2021-07-15 15:46:29 (UTC+0) Sabe mentioned this in T290704: Security Issue Access Request for Zabe. 2022-01-10 23:00:08 (UTC+0) **Sabe** removed a project: **User-Zabe**. 2022-04-13 00:50:29 (UTC+0)