Places where Permission API is not working:

1. After restoring the live backup to Workarea, ownership got updated to app:appadmin for all the files/folders as shown below before and after.

Post onboard /workarea files/folders

[pb250427@wscwph0b06650 workarea]$ ls -lrta

total 272

-rwxrwsr-x. 1 app wordpress 351 Feb 5 2020 wp-blog-header.php

-rwxrwsr-x. 1 app wordpress 405 Feb 5 2020 index.php

-rwxrwsr-x. 1 app wordpress 2502 Nov 26 2022 wp-links-opml.php

-rwxrwsr-x. 1 app wordpress 19915 Dec 31 2022 license.txt

-rwxrwsr-x. 1 app wordpress 3013 Feb 23 2023 wp-config-sample.php

-rwxrwsr-x. 1 app wordpress 7211 May 12 2023 wp-activate.php

-rwxrwsr-x. 1 app wordpress 5638 May 30 2023 wp-cron.php

-rwxrwsr-x. 1 app wordpress 3236 Jun 14 2023 xmlrpc.php

-rwxrwsr-x. 1 app wordpress 2323 Jun 14 2023 wp-comments-post.php

-rwxrwsr-x. 1 app wordpress 34385 Jun 19 2023 wp-signup.php

-rwxrwsr-x. 1 app wordpress 4885 Jun 22 2023 wp-trackback.php

-rwxrwsr-x. 1 app wordpress 8537 Jun 22 2023 wp-mail.php

-rwxrwsr-x. 1 app wordpress 7399 Jul 5 10:41 readme.html

-rwxrwsr-x. 1 app wordpress 3927 Jul 16 05:16 wp-load.php

-rwxrwsr-x. 1 app wordpress 49441 Jul 17 06:18 wp-login.php

-rwxrwsr-x. 1 app wordpress 25602 Jul 24 23:35 wp-settings.php

drwxrwsr-x. 9 app wordpress 8192 Oct 12 12:12 wp-admin

drwxrwsr-x. 27 app wordpress 20480 Oct 12 12:12 wp-includes

-rwxrwsr-x. 1 app wordpress 2654 Jan 3 20:12 wp-config.php

drwxrwsr-x. 7 app wordpress 4096 Jan 3 20:14 wp-content

drwxrwsr-x. 6 app wordpress 4096 Jan 3 20:15 .

-rwxrwsr-x. 1 app wordpress 659 Jan 3 20:15 .gitignore

drwxrws---. 8 app wordpress 4096 Jan 3 20:17 .git

drwxrwsr-x. 10 app wordpress 4096 Jan 4 00:04 ..

After restore /workarea - permission updated to app:appadmin

[pb250427@wscwph0b06650 workarea]$ ls -lrta

total 272

-rwxrwxr-x. 1 app appadmin 405 Apr 28 2023 index.php

-rwxrwxr-x. 1 app appadmin 351 Apr 28 2023 wp-blog-header.php

-rwxrwxr-x. 1 app appadmin 0 May 2 2023 .golive

-rwxrwxr-x. 1 app appadmin 19915 Jul 30 23:26 license.txt

-rwxrwxr-x. 1 app appadmin 3013 Jul 30 23:26 wp-config-sample.php

-rwxrwxr-x. 1 app appadmin 2502 Jul 30 23:26 wp-links-opml.php

-rwxrwxr-x. 1 app appadmin 7211 Dec 5 00:03 wp-activate.php

-rwxrwxr-x. 1 app appadmin 7399 Dec 5 00:03 readme.html

-rwxrwxr-x. 1 app appadmin 2323 Dec 5 00:03 wp-comments-post.php

-rwxrwxr-x. 1 app appadmin 5638 Dec 5 00:03 wp-cron.php

-rwxrwxr-x. 1 app appadmin 3236 Dec 5 00:03 xmlrpc.php

-rwxrwxr-x. 1 app appadmin 4885 Dec 5 00:03 wp-trackback.php

-rwxrwxr-x. 1 app appadmin 34385 Dec 5 00:03 wp-signup.php

-rwxrwxr-x. 1 app appadmin 25602 Dec 5 00:03 wp-settings.php

-rwxrwxr-x. 1 app appadmin 8537 Dec 5 00:03 wp-mail.php

-rwxrwxr-x. 1 app appadmin 49441 Dec 5 00:03 wp-login.php

-rwxrwxr-x. 1 app appadmin 3927 Dec 5 00:03 wp-load.php

drwxrwxr-x. 26 app appadmin 20480 Dec 19 05:37 wp-includes

drwxrwxr-x. 8 app appadmin 8192 Dec 19 05:37 wp-admin

**-rwxrwxr-x. 1 app wordpress 2654 Jan 3 20:12 wp-config.php**

**-rwxrwxr-x. 1 app wordpress 659 Jan 3 20:15 .gitignore**

**drwxrwsr-x. 10 app wordpress 4096 Jan 4 00:04 ..**

**drwxrws---. 8 app wordpress 4096 Jan 4 00:09 .git**

**drwxrwxr-x. 6 app wordpress 4096 Jan 4 00:13 .**

drwxrwxr-x. 6 app appadmin 4096 Jan 4 00:13 wp-content

1. Permissions of files/folders under .git also got updated to 770 (as shown below before and after)

.git folder/files permissions after onboard

[pb250427@wscwphghgc8573 .git]$ ls -lrta
total 1280
drwxrwsrwx. 2 app wordpress 4096 Jan 3 20:15 branches
drwxrwsrwx. 2 app wordpress 4096 Jan 3 20:15 info
-rw-rwSrwx. 1 app wordpress 73 Jan 3 20:15 description
-rw-rwSrwx. 1 app wordpress 23 Jan 3 20:15 HEAD
drwxrwsr-x. 6 app wordpress 4096 Jan 3 20:15 ..
drwxrwsrwx. 3 app wordpress 4096 Jan 3 20:15 logs
-rw-rwSrwx. 1 app wordpress 396 Jan 3 20:15 config
-rw-rwSrw-. 1 app wordpress 1237371 Jan 3 20:16 index
-rw-rwSr--. 1 app wordpress 13 Jan 3 20:16 COMMIT\_EDITMSG
drwxrwsrwx. 5 app wordpress 4096 Jan 3 20:17 refs
-rw-r--r--. 1 app wordpress 107 Jan 3 20:17 FETCH\_HEAD
drwxrwsrwx. 260 app wordpress 20480 Jan 3 20:17 objects
-rw-rw-rw-. 1 app wordpress 41 Jan 3 20:17 ORIG\_HEAD
drwxrws---. 8 app wordpress 4096 Jan 3 20:17 .
drwxr-sr-x. 2 app wordpress 4096 Jan 3 20:17 hooks

.git folder/files permissions after restoring the content

[pb250427@wscwph0b06650 .git]$ ls -lrta

total 1412

drwxrws---. 2 app wordpress 4096 Jan 3 20:15 branches

drwxrws---. 2 app wordpress 4096 Jan 3 20:15 info

-rwxrwx---. 1 app wordpress 73 Jan 3 20:15 description

-rwxrwx---. 1 app wordpress 23 Jan 3 20:15 HEAD

drwxrws---. 3 app wordpress 4096 Jan 3 20:15 logs

-rwxrwx---. 1 app wordpress 396 Jan 3 20:15 config

drwxrws---. 5 app wordpress 4096 Jan 3 20:17 refs

-rwxrwx---. 1 app wordpress 107 Jan 3 20:17 FETCH\_HEAD

-rwxrwx---. 1 app wordpress 41 Jan 3 20:17 ORIG\_HEAD

drwxrws---. 2 app wordpress 4096 Jan 3 20:17 hooks

-rwxrwx---. 1 app wordpress 1374205 Jan 4 00:09 index

-rwxrwx---. 1 app wordpress 46 Jan 4 00:09 COMMIT\_EDITMSG

drwxrws---. 8 app wordpress 4096 Jan 4 00:09 .

drwxrws---. 260 app wordpress 20480 Jan 4 00:09 objects

drwxrwxr-x. 6 app wordpress 4096 Jan 4 00:13 ..

1. Owner and group of files/folders under Workarea is not updated with Permission API.

[pb250427@wscwphghgc8573 workarea]$ ls -lrta

total 272

-rwxrwxr-x. 1 app appadmin 405 Apr 28 2023 index.php

-rwxrwxr-x. 1 app appadmin 351 Apr 28 2023 wp-blog-header.php

-rwxrwxr-x. 1 app appadmin 0 May 2 2023 .golive

-rwxrwxr-x. 1 app appadmin 19915 Jul 30 23:26 license.txt

-rwxrwxr-x. 1 app appadmin 3013 Jul 30 23:26 wp-config-sample.php

-rwxrwxr-x. 1 app appadmin 2502 Jul 30 23:26 wp-links-opml.php

-rwxrwxr-x. 1 app appadmin 7211 Dec 5 00:03 wp-activate.php

-rwxrwxr-x. 1 app appadmin 7399 Dec 5 00:03 readme.html

-rwxrwxr-x. 1 app appadmin 2323 Dec 5 00:03 wp-comments-post.php

-rwxrwxr-x. 1 app appadmin 5638 Dec 5 00:03 wp-cron.php

-rwxrwxr-x. 1 app appadmin 3236 Dec 5 00:03 xmlrpc.php

-rwxrwxr-x. 1 app appadmin 4885 Dec 5 00:03 wp-trackback.php

-rwxrwxr-x. 1 pb250427 appadmin 34385 Dec 5 00:03 wp-signup.php

-rwxrwxr-x. 1 app appadmin 25602 Dec 5 00:03 wp-settings.php

-rwxrwxr-x. 1 app appadmin 8537 Dec 5 00:03 wp-mail.php

-rwxrwxr-x. 1 pb250427 appadmin 49441 Dec 5 00:03 wp-login.php

-rwxrwxr-x. 1 pb250427 appadmin 3927 Dec 5 00:03 wp-load.php

drwxrwxr-x. 26 app appadmin 20480 Dec 19 05:37 wp-includes

drwxrwxr-x. 8 pb250427 appadmin 8192 Dec 19 05:37 wp-admin

-rwxrwxr-x. 1 app wordpress 2654 Jan 3 20:12 wp-config.php

-rwxrwxr-x. 1 app wordpress 659 Jan 3 20:15 .gitignore

drwxrwsr-x. 10 app wordpress 4096 Jan 4 00:04 ..

drwxrwxr-x. 6 app appadmin 4096 Jan 4 00:13 wp-content

drwxrws---. 8 app wordpress 4096 Jan 4 00:45 .git

drwxrwxr-x. 6 app wordpress 4096 Jan 4 00:46 .

1. Owner, group and permissions under .git folder are not updated with permission API.

[root@wscwph0b06650 .git]# ls -lrta
total 1412
drwxrws---. 2 app wordpress 4096 Jan 3 20:15 branches
drwxrws---. 2 app wordpress 4096 Jan 3 20:15 info
-rwxrwx---. 1 app wordpress 73 Jan 3 20:15 description
-rwxrwx---. 1 pb250427 wordpress 23 Jan 3 20:15 HEAD
drwxrws---. 3 app wordpress 4096 Jan 3 20:15 logs
-rwxrwx---. 1 app wordpress 396 Jan 3 20:15 config
drwxrws---. 5 app wordpress 4096 Jan 3 20:17 refs
-rwxrwx---. 1 app wordpress 107 Jan 3 20:17 FETCH\_HEAD
-rwxrwx---. 1 pb250427 wordpress 41 Jan 3 20:17 ORIG\_HEAD
drwxrws---. 2 app wordpress 4096 Jan 3 20:17 hooks
-rwxrwx---. 1 app wordpress 46 Jan 4 00:09 COMMIT\_EDITMSG
drwxrws---. 260 app wordpress 20480 Jan 4 00:09 objects
-rwxrwx---. 1 pb250427 wordpress 1374205 Jan 4 00:45 index
drwxrws---. 8 app wordpress 4096 Jan 4 00:45 .
drwxrwxr-x. 6 app wordpress 4096 Jan 4 00:46 ..

1. Permissions of wph/live files/folders are updating to 755 from 775 with Permission API
2. On staging region owner, group is not updated to app:wordpress , also permissions of all the files and folders are changed to 775 from 755
3. On prestaging region owner, group is not updated to app:wordpress , also permissions of all the files and folders are changed to 775 from 755