

Android Public Tracker > Framework 258954156

Can't access file storage after user restart

Comments (7) Dependencies Duplicates (0) Blocking (0) Resources (12)

Assigned Bug P3 + Add Hotlist [AOSP] assigned

STATUS UPDATE

No update yet.

Edit

DESCRIPTION

ro...@romanr.info created issue **#1**

In multiuser setup when a user is switched back the file storage is not accessible.

Steps to reproduce

1. Set `config_multiuserMaxRunningUsers` to "2" (1 + Owner) via `RRO` ( `sample` )

1. Set `config_multiuserMaximumUsers` to a value greater "2" if necessary.

2. Also take a look at `config_enableMultiUserUI`.

2. Create users "1" and "2"

3. Switch to user "1"

4. Switch to user "2"

5. Switch back to user "1"

6. Try to open file storage in a File manager.

What happened

The file manager says "Can't load content at this time". Some exception in the logcat log.

What you think the correct behavior should be

The user is restarted, file storage is mounted, permissions are set, file storage is accessible in a file manager.

Setup

Lineage 18.1 (lineage-18.1-20221018-nightly-z3c, AOSP android-11.0.0\_r46) for Sony Xperia Z3 Compact (z3c).

Bug artifacts

`logcat`

`gdrive`

Could you please fix it and backport the patch to the android-11.0.0 branch. Thanks.

✓ Links (11)

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"Set `config_multiuserMaximumUsers` to a value greater "2" if necessary."

"Also take a look at `config_enableMultiUserUI` ."

See all related links

COMMENTS

vi...@google.com <vi...@google.com> **#2**

Assigned to vi...@google.com.

We have shared this with our product and engineering team and will update this issue with more information as it becomes available.

ro...@romanr.info <ro...@romanr.info> **#3**

Another way to reproduce this:

1. Set `fw_max_users` to 3.

This will work since `config_multiuserMaxRunningUsers` is set to 3 by default.

`$ setprop fw.max_users 3`

2. Create 3 extra users.

3. Switch to "1", then to "2", then to "3" user.

4. Switch back to the "1" user.



```

/dev/fuse on /storage/emulated type fuse (rw,nosuid,nodev,noexec,noatime,user_id=0,group_id=0,allow_other)
/data/media on /storage/emulated/10/Android/data type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,
/data/media on /storage/emulated/10/Android/obb type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,d
/dev/fuse on /storage/emulated type fuse (rw,nosuid,nodev,noexec,noatime,user_id=0,group_id=0,allow_other)
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/data/media on /storage/emulated/10/Android/data type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,
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```

1. The previous mount was not cleanly unmounted
2. The subsequent mount was mounted twice

Now I see this in the /proc/5522/mounts:

```

/dev/fuse on /storage/emulated type fuse (rw,nosuid,nodev,noexec,noatime,user_id=0,group_id=0,allow_other,max_read=20000)
/data/media on /storage/emulated/10/Android/data type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,
/data/media on /storage/emulated/10/Android/obb type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,d
/dev/fuse on /storage/emulated type fuse (rw,nosuid,nodev,noexec,noatime,user_id=0,group_id=0,allow_other,max_read=50000)
/data/media on /storage/emulated/10/Android/data type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,
/data/media on /storage/emulated/10/Android/data type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,
/data/media on /storage/emulated/10/Android/obb type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,d
/data/media on /storage/emulated/10/Android/obb type sdcardfs (rw,nosuid,nodev,noexec,noatime,fsuid=1023,fsgid=1023,gid=1015,multiuser,mask=6,derive_gid,d

```

**max\_read=20000 vs max\_read=50000**, so there is a case #1 - the previous mount was not unmounted.