16   **Sensitive files/ data exists post deletion of user account**

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TIMELINE

geekysherlock submitted a report to Nextcloud.   Jun 10th (about 1 year ago)

In the latest android app ,I created an account in the name of geekysherlock1@gmail.com. After few activities,deleted the account .

Files containing user emails and tokens still exist.Relevant files not deleted upon deletion of account.

Content of files post deletion of account:

generic_x86:/data/data/com.nextcloud.client/shared_prefs # ls
FirebaseAppHeartBeat.xml WebViewChromiumPrefs.xml
com.google.android.gms.appid.xml com.nextcloud.client_preferences.xml migrations.xml
variant-emoji-manager.xml

generic_x86:/data/data/com.nextcloud.client/shared_prefs # cat
com.nextcloud.client_preferences.xml

`<?xml version='1.0' encoding='utf-8' standalone='yes' ?>`

Code 1004 Bytes   Wrap lines   Copy   Download

```
1  <map>
2      <boolean name="keysMigration" value="true" />
3      <string name="select_oc_account">geekysherlock1@gmail.com@us.cloudamo.com</string
4      <boolean name="autoUploadPathUpdate" value="true" />
5      <boolean name="autoUploadInit" value="true" />
6      <int name="prefs_uploader_behaviour" value="1" />
7      <boolean name="storagePathFix" value="true" />
8      <boolean name="autoUploadEntriesSplitOut" value="true" />
```

```
12      <string name="storage_path">/storage/emulated/0/Android/media/com.nextcloud.clie
13      <boolean name="legacyClean" value="true" />
14      <string name="upload_from_local_last_path">/storage/emulated/0/Pictures</string>
15      <int name="lastSeenVersionCode" value="30160190" />
16  </map>
```

◀   ▶

Images folder

generic_x86:/data/data/com.nextcloud.client/shared_prefs # cd /storage/emulated/0/Pictures

generic_x86:/storage/emulated/0/Pictures # ls

2131099731.jpg 2131099732.jpg 2131099733.jpg

Impact

This information could be misused as sensitive token related ,images,user related details exist inspite of user account being deleted.

1 attachment:

F1333138: com.nextcloud.client_preferences-xml.txt

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geekysherlock posted a comment.   Jun 12th (about 1 year ago)

Yes.Have looked into the above aspects.

OT: posted a comment.   Jun 14th (about 1 year ago)

Thanks a lot for reporting this potential issue back to us!

Our security team will take a look at this issue as soon as possible. We will reply to your report within 72 hours, usually much faster. For obvious reasons we'd like to ask you to not disclose this issue to any other party.

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lukasreschkenc changed the status to ○ **Needs more info**.   Jun 14th (about 1 year ago)

Thanks for you report. Much appreciated.

Could you clarify whether you have downloaded the image manually to the Pictures folder? Or if that was an automatic action?

geekysherlock changed the status to ○ **New**.   Jun 14th (about 1 year ago)
This was an automated action,not manual.

lukasreschkenc changed the status to ○ **Triaged**.   Jun 15th (about 1 year ago)
I was able to confirm that not all necessary information is deleted from the
`/data/data/com.nextcloud.client` folder.

However, I was unable to confirm the issue regarding `/storage/emulated/0/Pictures` as the
folder stayed empty in my tests. If you are able to reproduce this, please do let us know the
steps. (we'll regardless let the product team know)

geekysherlock posted a comment.   Jun 16th (about 1 year ago)
Created new account and then deleted account.
Post deletion files have been attached. Many folders ,especially database/files have remnant
data .

  1 attachment:
  F1340407: post_deletion.zip

geekysherlock posted a comment.   Jun 16th (about 1 year ago)
Account deletion screenshot

  1 attachment:
  F1340418: account_deletion.png

geekysherlock posted a comment.   Jun 21st (about 1 year ago)
Hi ,
Would like to know if there is any update.
Thnx

lukasreschkenc posted a comment.   Jun 22nd (about 1 year ago)
There is unfortunately no update from the product team.

geekysherlock posted a comment.   Jun 22nd (about 1 year ago)

@lukasreschkenc

Do you have any updates on this ?

nickvergessen (Nextcloud staff) closed the report and changed the status to ⭘ **Resolved**.   Mar 23rd (8 months ago)
Thanks a lot for your report again. This has been resolved in our latest maintenance releases
and we're working on the advisories at the moment.

If you have a GitHub account please let us know the username, and we will associate it with
the advisory.

geekysherlock posted a comment.   Mar 23rd (8 months ago)
Thanks for the response.My github account is geekysherlock1@gmail.com

geekysherlock posted a comment.   Mar 23rd (8 months ago)
Would like to know the severity assigned to the bug .Also , is it eligible for a bounty ?

nickvergessen (Nextcloud staff) posted a comment.   Mar 23rd (8 months ago)
We are discussing this internally at the moment

⭘─ nickvergessen (Nextcloud staff) updated the severity from Medium to Low (2.1).   Mar 23rd (8 months ago)

geekysherlock posted a comment.   Mar 30th (8 months ago)
Any updates on the bounty ?

geekysherlock posted a comment.   Apr 20th (7 months ago)
My apologies for the follow up, would like to know if there is any update on the bounty..

⭘─ Nextcloud rewarded geekysherlock with a **$150** bounty.   Apr 26th (7 months ago)

geekysherlock posted a comment.   Apr 26th (7 months ago)
Thanks for the bounty!

nickvergessen (Nextcloud staff) posted a comment.   May 2nd (7 months ago)

qr2r

Please let us know if you wish any changes to the advisory.

geekysherlock posted a comment.   May 2nd (7 months ago)
Looks good to go.

nickvergessen (Nextcloud staff) updated CVE reference to **CVE-2022-29160**.   May 5th (7 months ago)

nickvergessen (Nextcloud staff) requested to disclose this report.   May 20th (6 months ago)

geekysherlock agreed to disclose this report.   May 20th (6 months ago)
Am fine with this.

This report has been disclosed.   May 20th (6 months ago)