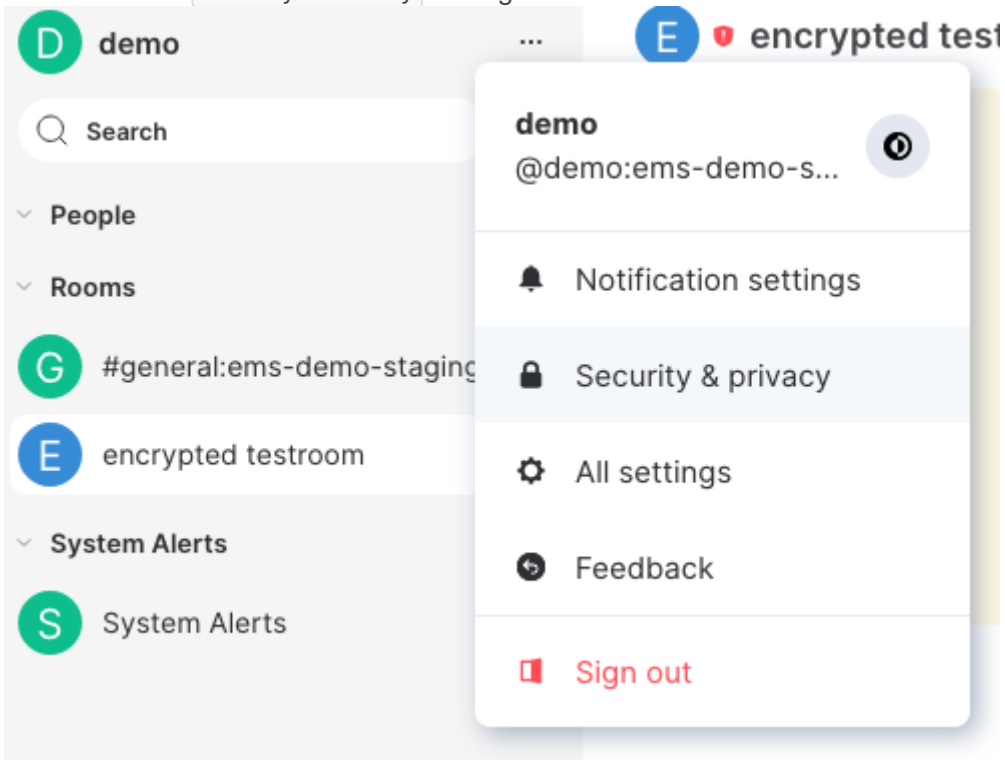


Export and Import E2E Room Keys

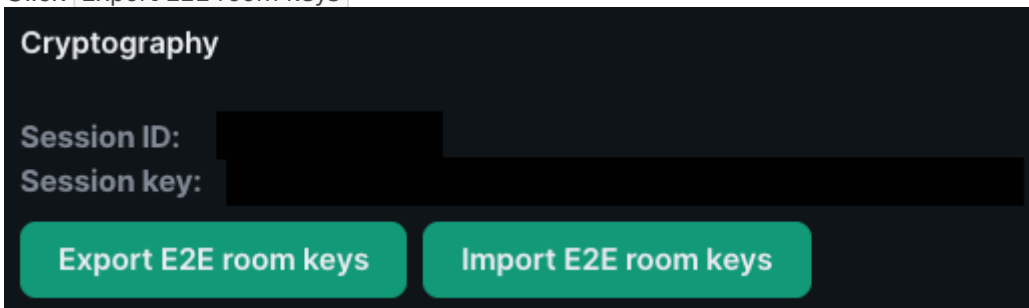
Element Web and Desktop

Export

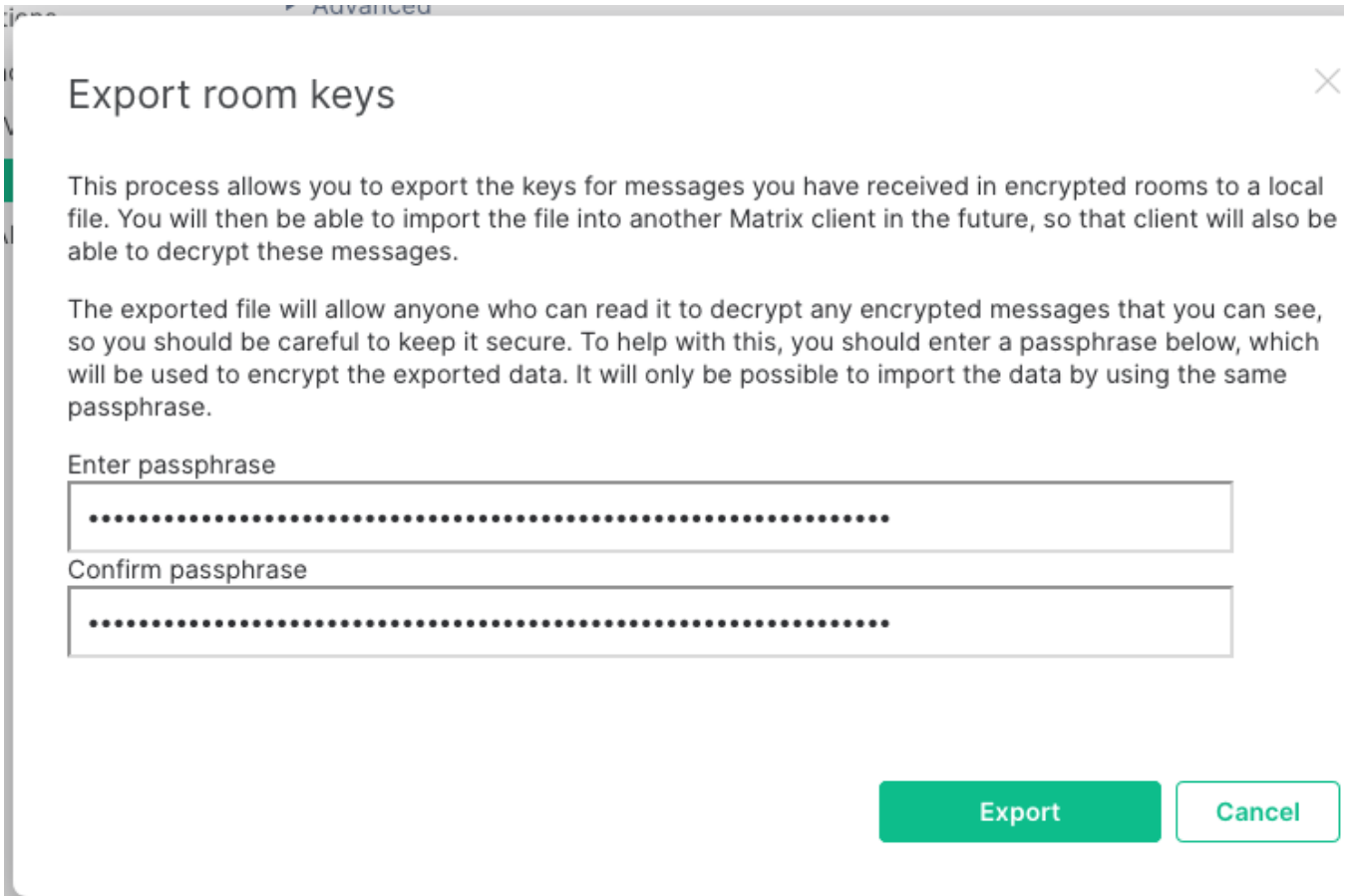
1. Go to Element **Security & Privacy** settings



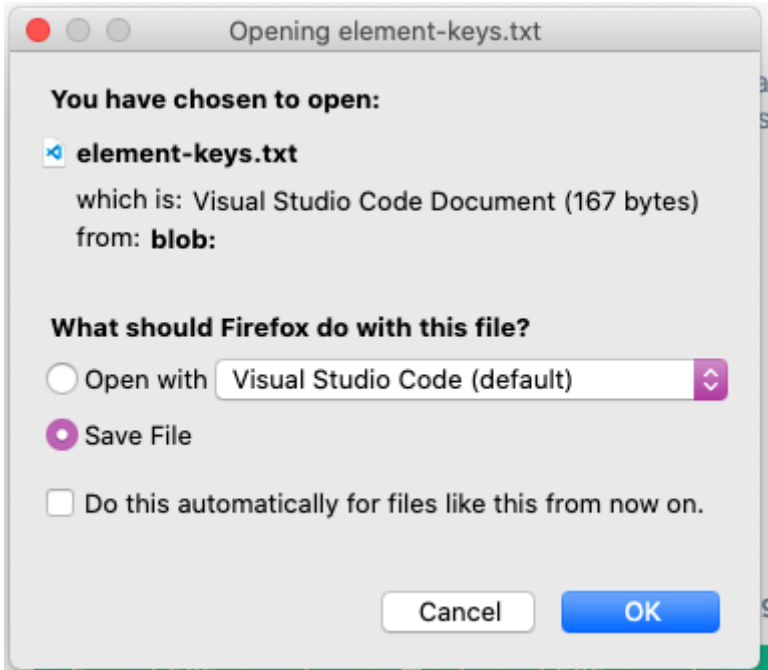
2. Click **Export E2E room keys**



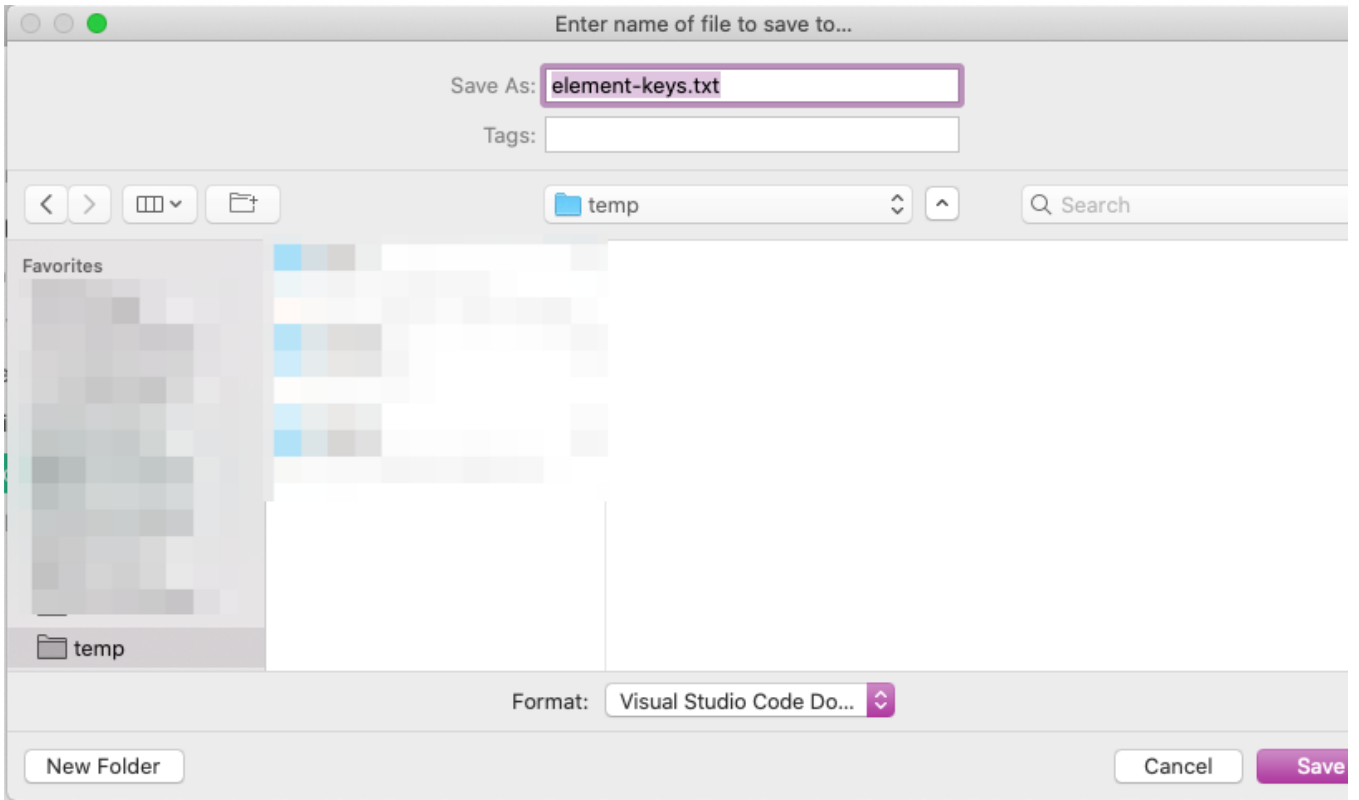
3. Enter a secure passphrase and click **Export**



4. Choose to save the file

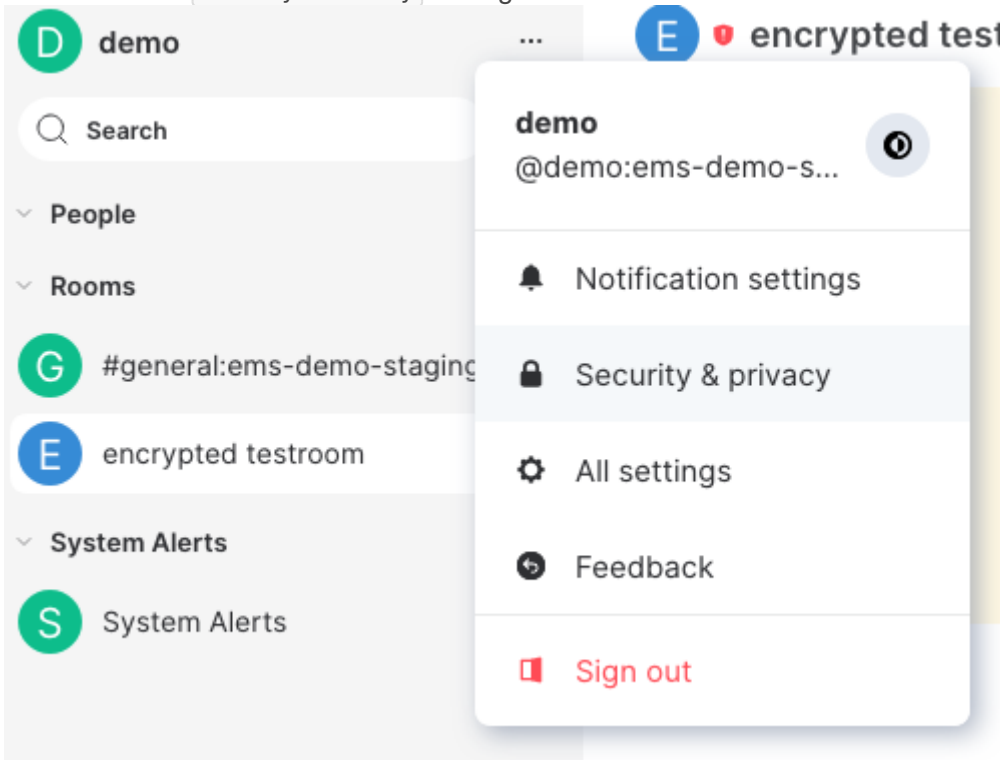


5. Select a directory on your computer

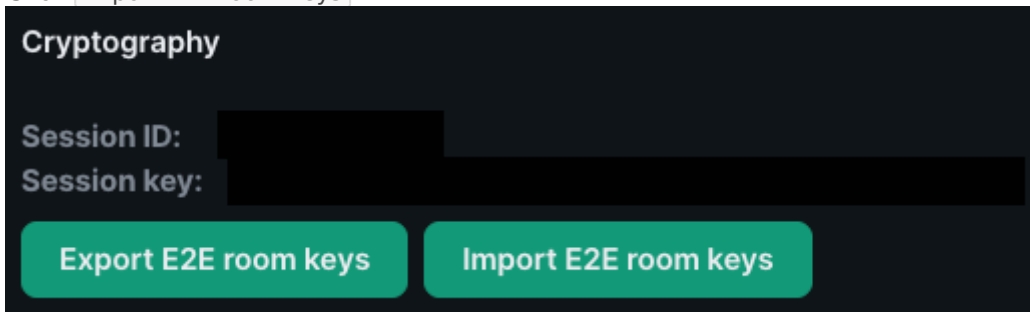


Import

1. Go to Element Security & Privacy settings



2. Click

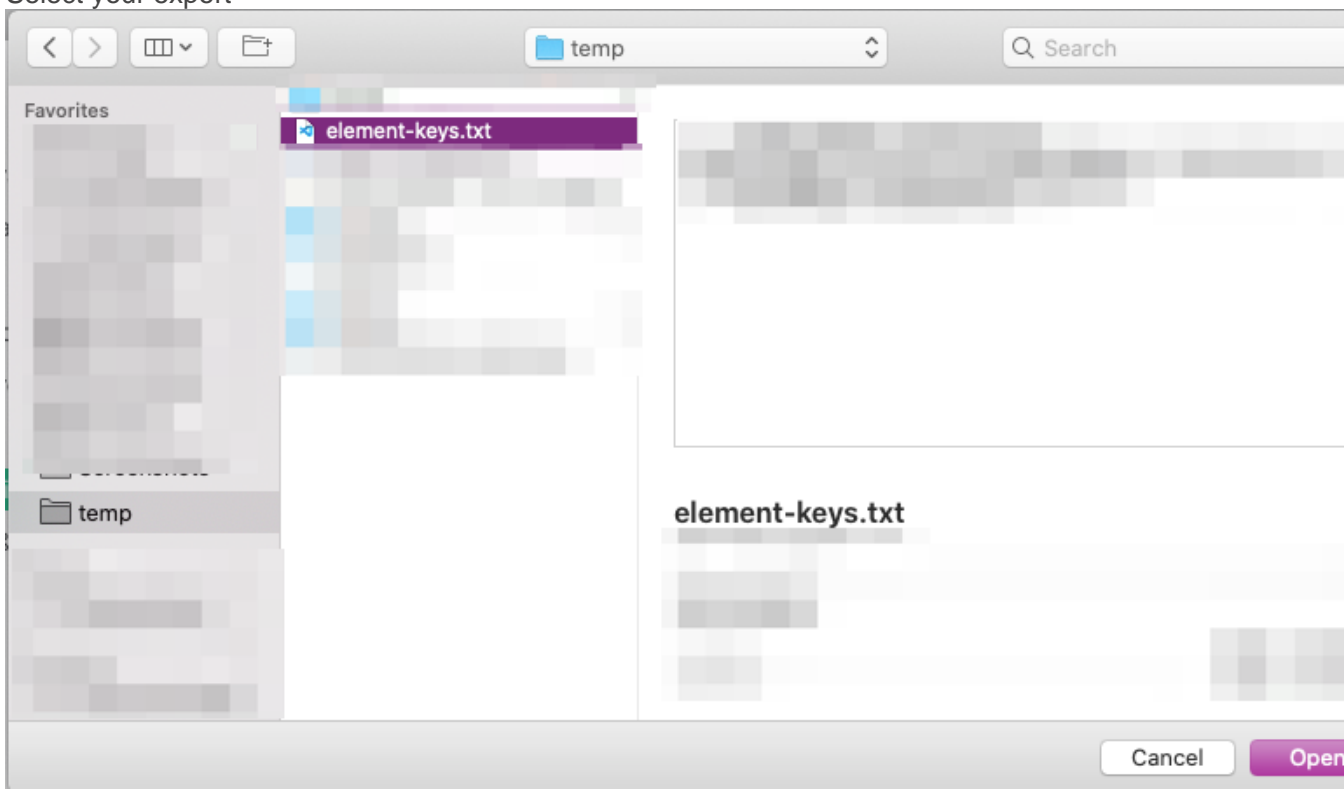


3. Click

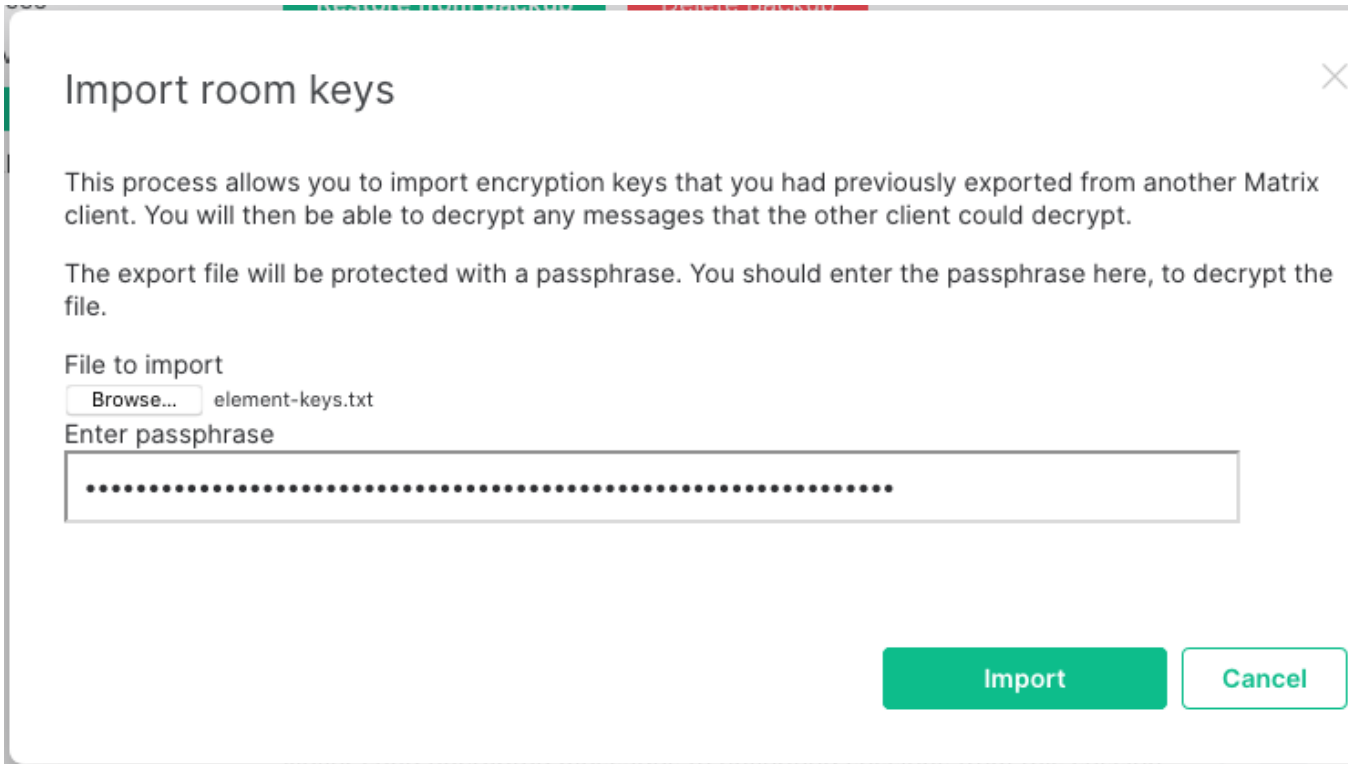
File to import

No file selected.

4. Select your export



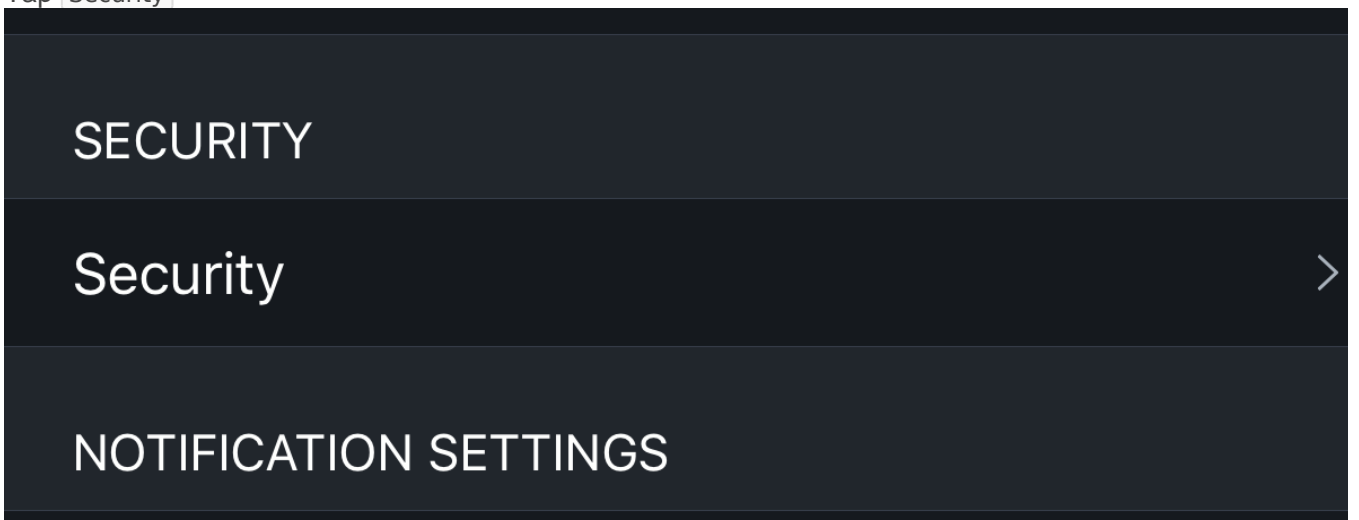
5. Enter your passphrase and click



Element iOS

Export

1. Tap the cog in the top left of Element
2. Tap `Security`



3. Tap `Export keys manually`

CRYPTOGRAPHY

Session name: Mobile

Session ID: [REDACTED]

Session key:

[REDACTED]

[Export keys manually](#)

4. Enter a secure passphrase and tap

Export room keys

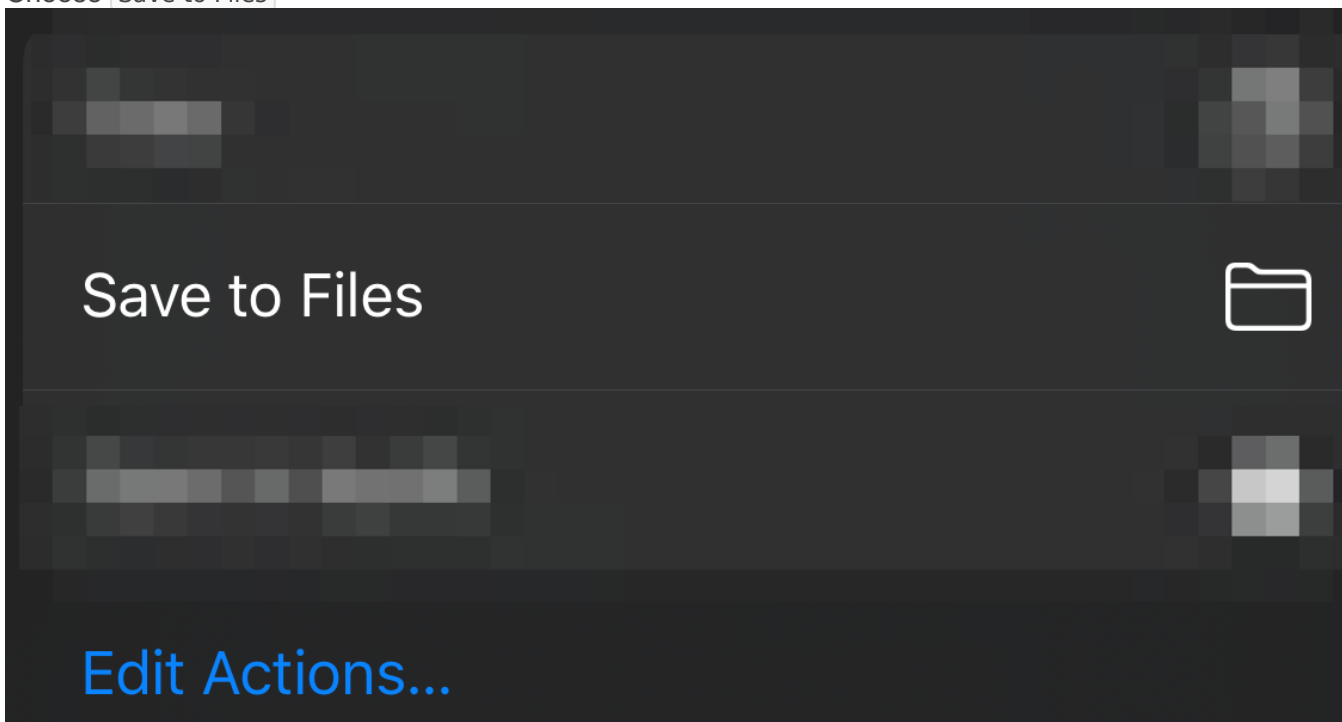
This process allows you to export the keys for messages you have received in encrypted rooms to a local file. You will then be able to import the file into another Matrix client in the future, so that client will also be able to decrypt these messages.

The exported file will allow anyone who can read it to decrypt any encrypted messages that you can see, so you should be careful to keep it secure.

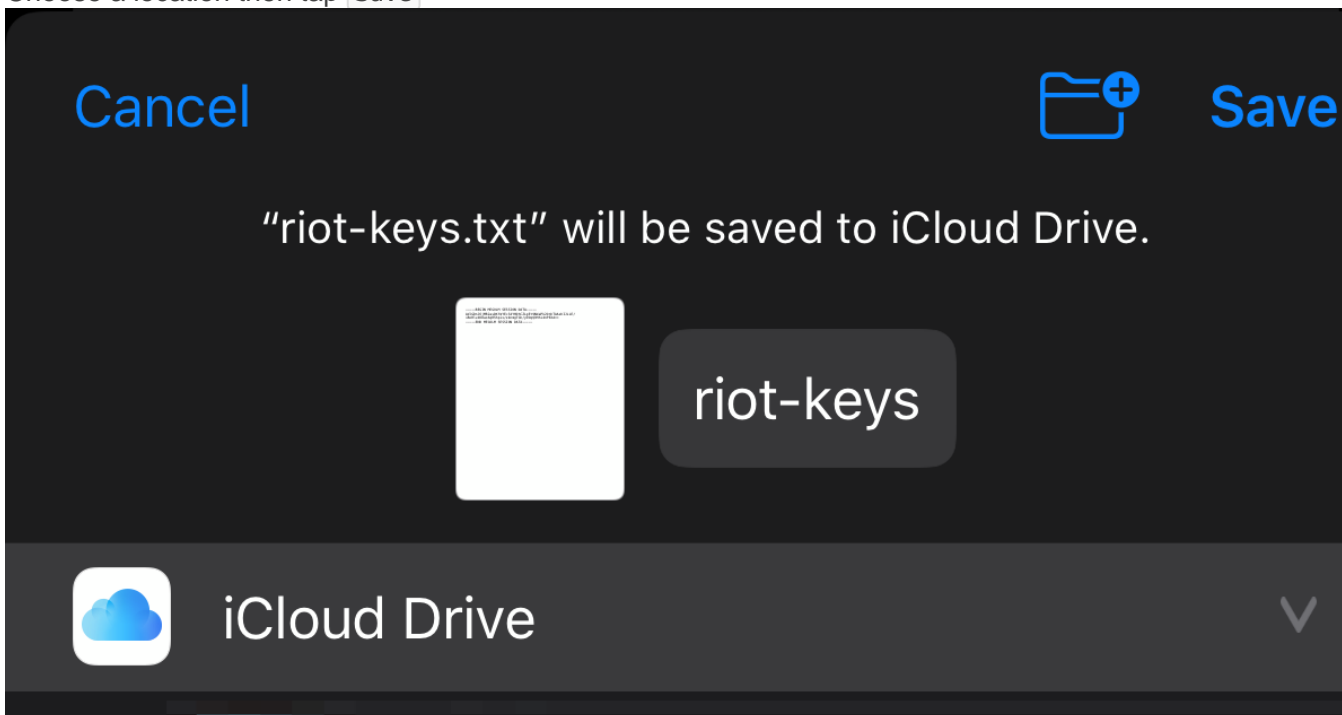
Cancel

Export

5. Choose `Save to Files`




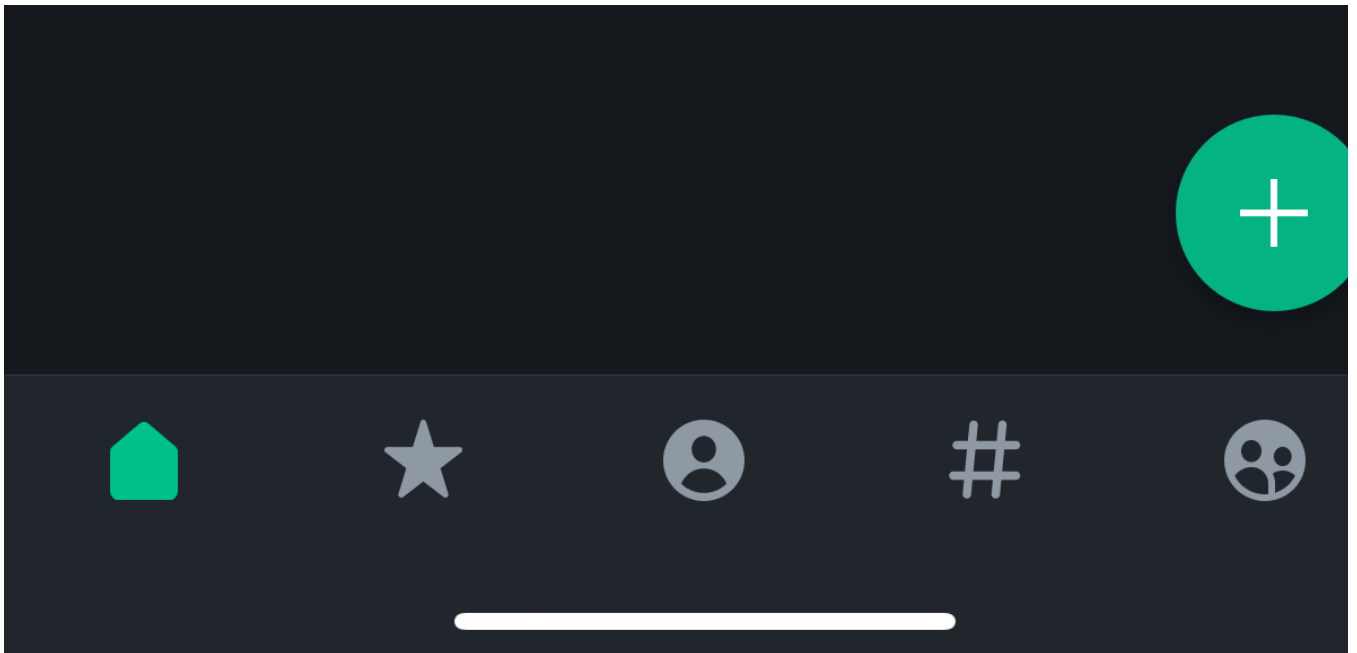
6. Choose a location then tap `Save`



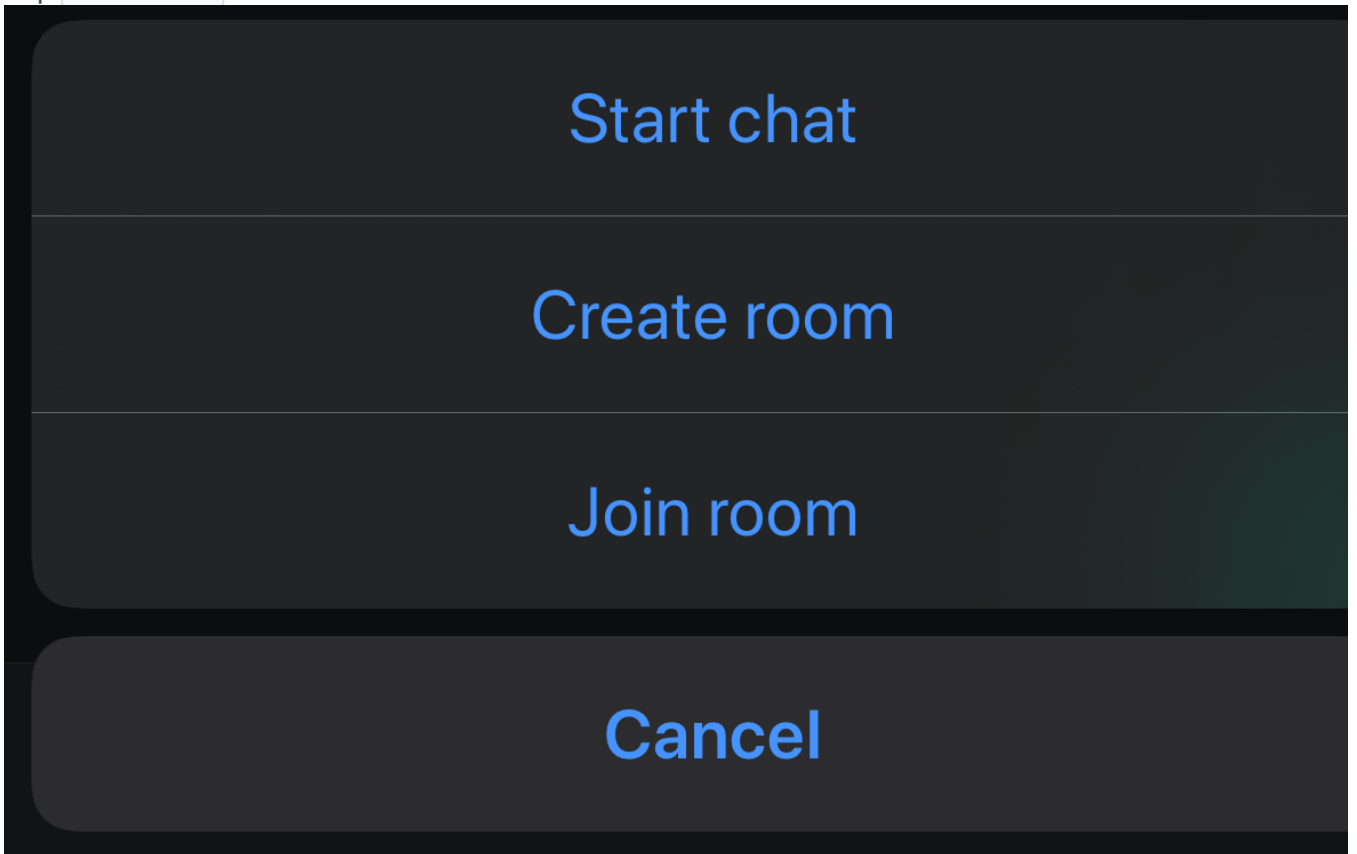
Import

This is a temporary solution until [this issue](#) is resolved

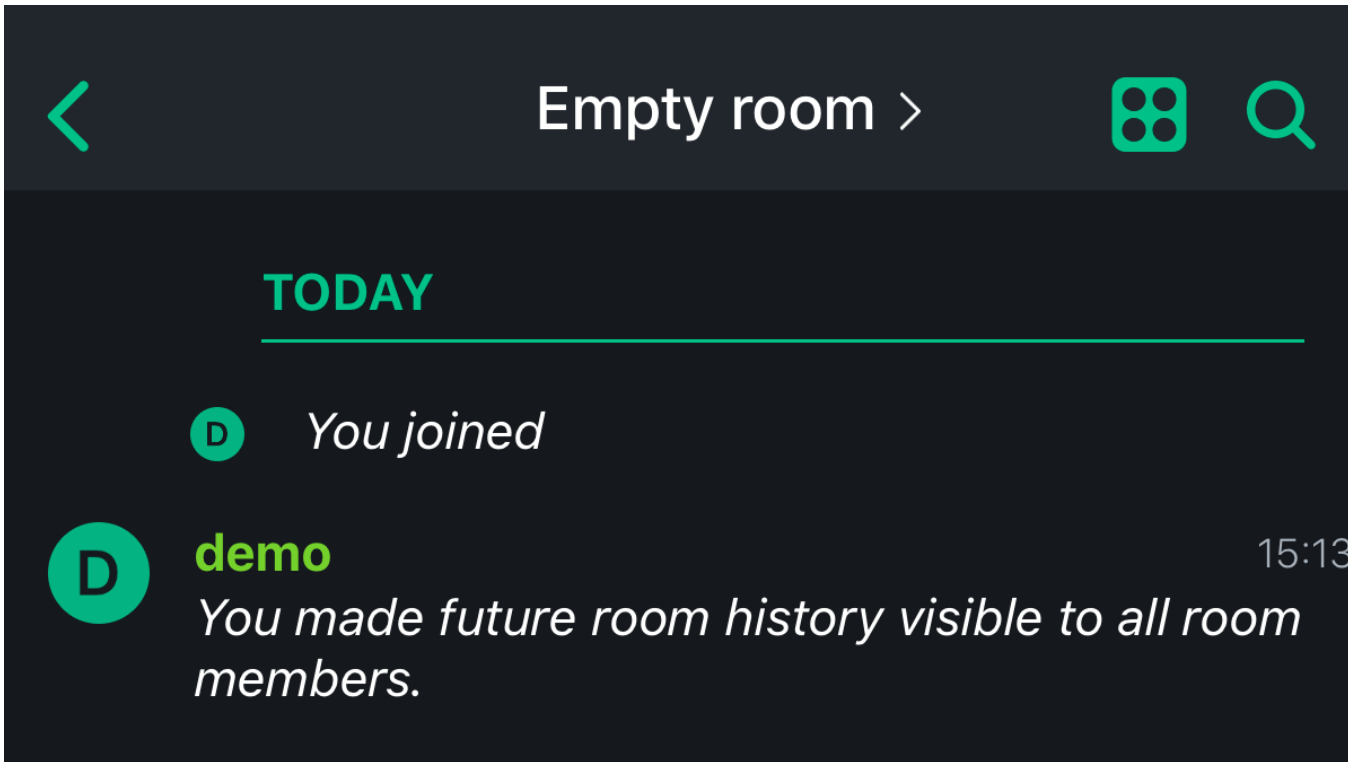
1. Tap the  in the bottom right corner



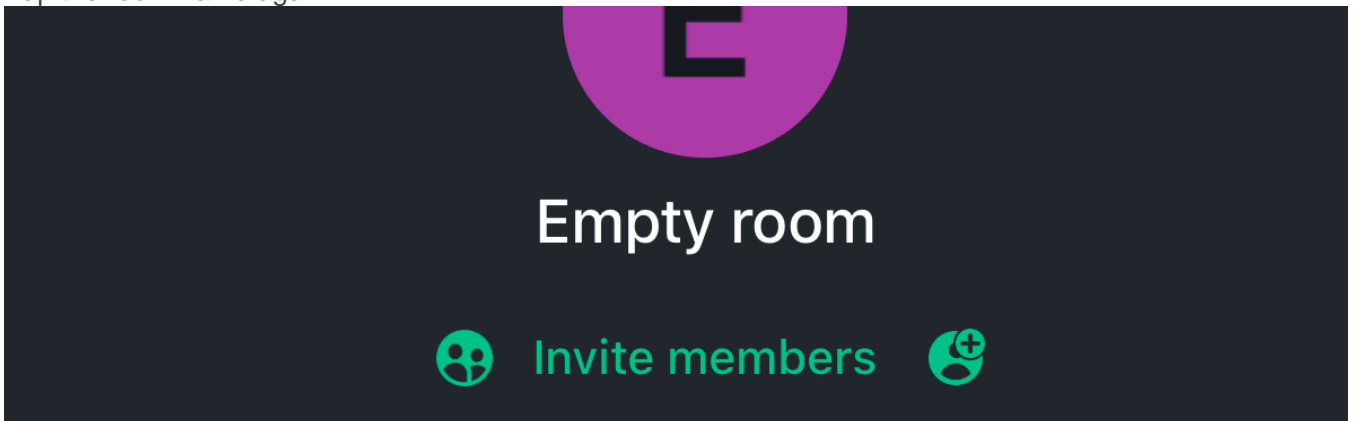
2. Tap `Create room`



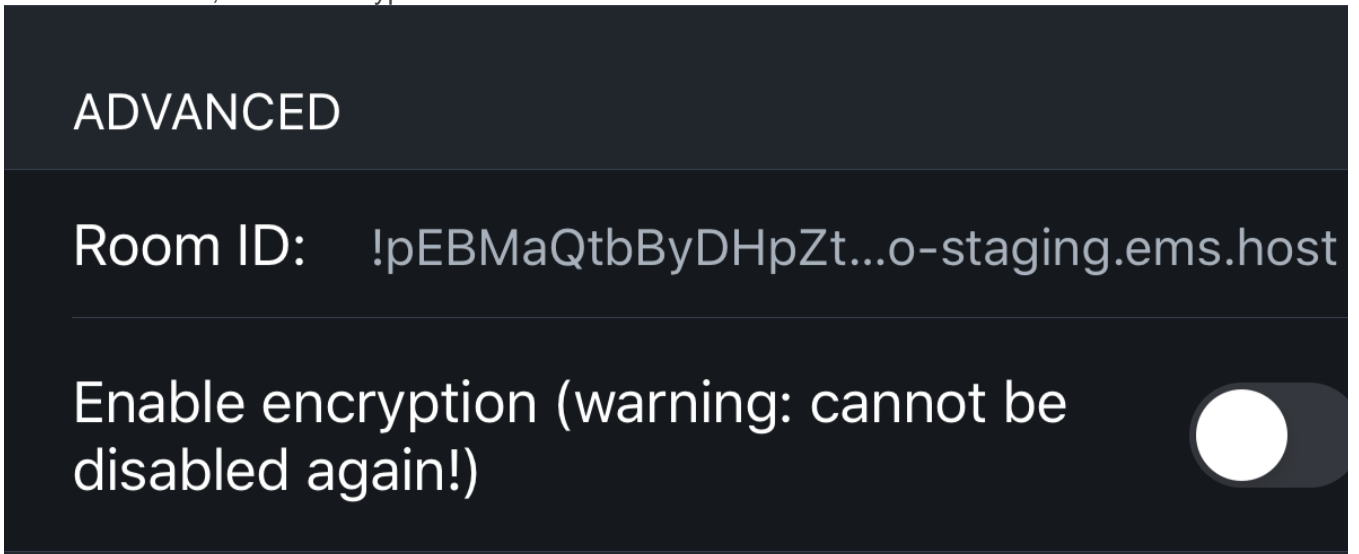
3. Tap the room name (Empty room) at the top



4. Tap the room name again



5. Under Advances, enable encryption



6. Tap `Done` in the top right

Cancel

Room Details

Done

Members

Files

Settings

ADDRESSES

This room has no local addresses

Add new address (e.g. #foo:ems-demo-staging.ems...



SHOW FLAIR FOR COMMUNITIES

Add new community ID (e.g. +foo:ems-demo-stagin...



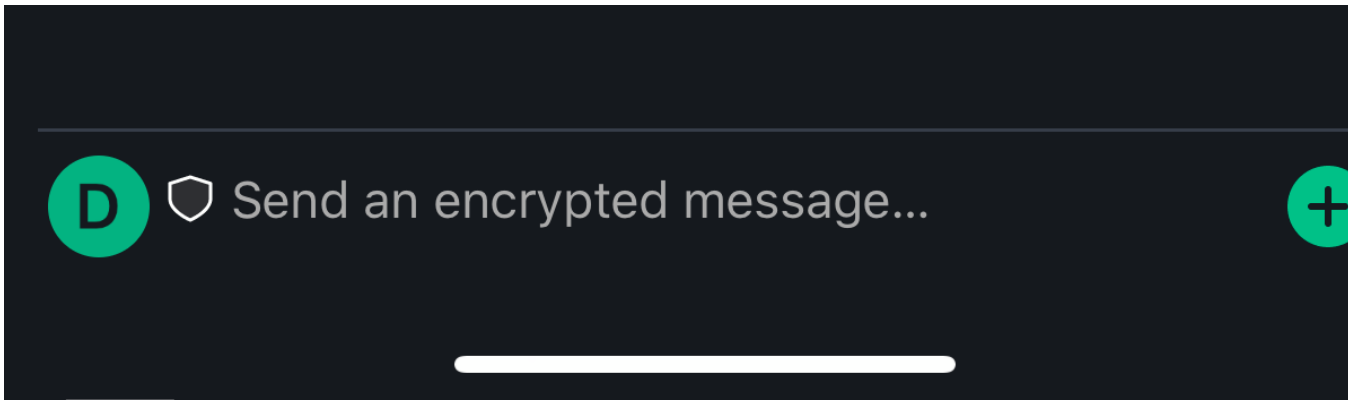
ADVANCED

Room ID: !pEBMaQtBByDHPZt...o-staging.ems.host

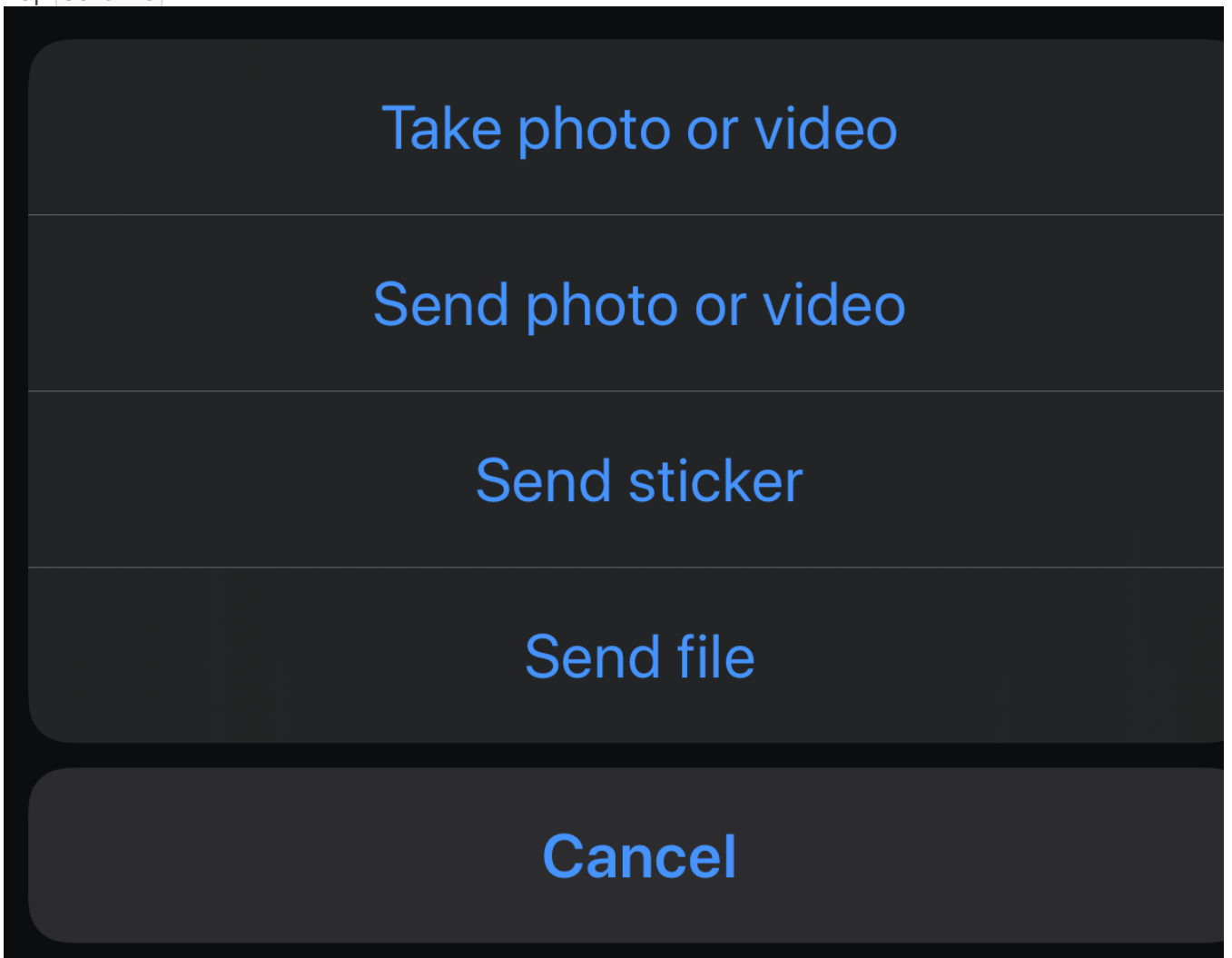
Enable encryption (warning: cannot be disabled again!)



7. Tap the  to send a file



8. Tap **Send file**



9. Browse to and select your export

Recents

Cancel

Search

See All



riot-keys

15:16



10. Tap the file you just sent



demo

You made future room history visible to all room members.

You turned on end-to-end encryption.

15:16

riot-keys.txt

11. Tap

This file contains encryption keys
exported from a Matrix client.
Do you want to view the file content or
import the keys it contains?

View

Import...

12. Enter your passphrase and tap `Import`

Import room keys

This process allows you to import encryption keys that you had previously exported from another Matrix client. You will then be able to decrypt any messages that the other client could decrypt.

The export file is protected with a passphrase. You should enter the passphrase here, to decrypt the file.

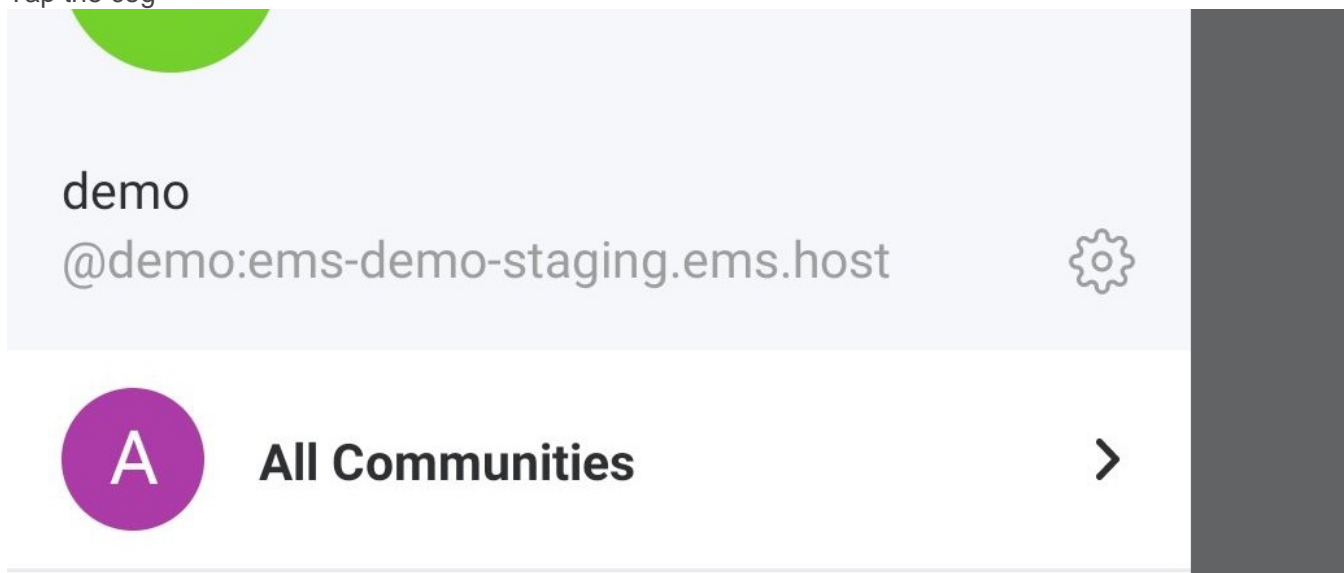
Cancel

Import

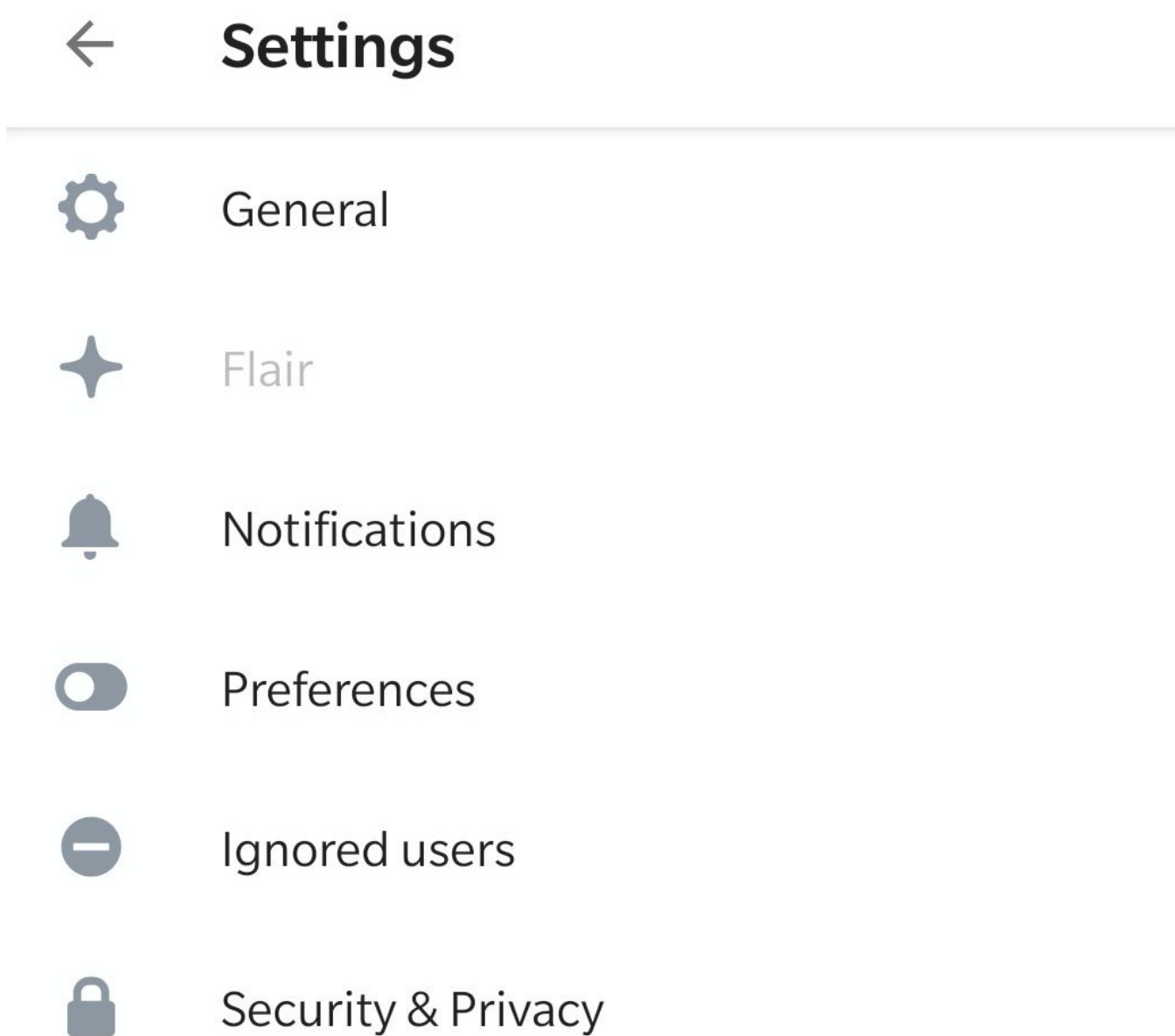
Element Android

Export

1. Tap your user picture in the top right
2. Tap the cog



3. Tap Security & Privacy



4. Tap **Export E2E room keys**

Cryptography Keys Management

Encrypted Messages Recovery

Manage Key Backup

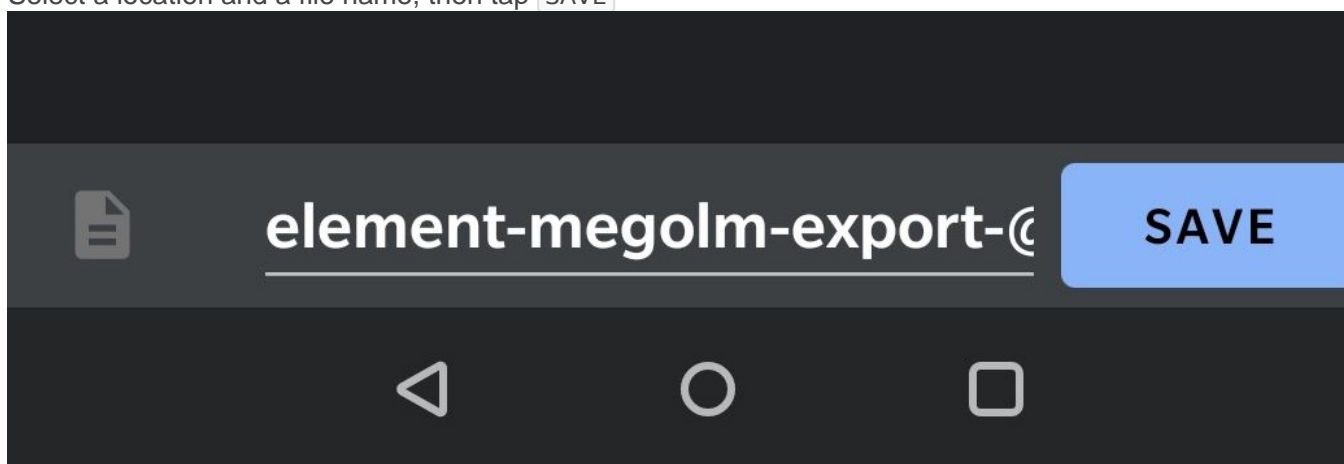
Export E2E room keys

Export the keys to a local file

Import E2E room keys

Import the keys from a local file

5. Select a location and a file name, then tap **SAVE**



6. Enter a secure passphrase, then tap **EXPORT**

Export room keys

Please create a passphrase to encrypt the exported keys. You will need to enter the same passphrase to be able to import the keys.

Create passphrase



Confirm passphrase

EXPORT

Manage Key Backup

Import

1. Tap your user picture in the top right
2. Tap the cog

demo

@demo:ems-demo-staging.ems.host



All Communities



3. Tap `Security & Privacy`



Settings



General



Flair



Notifications



Preferences



Ignored users



Security & Privacy

4. Tap `Import E2E room keys`

Cryptography Keys Management

Encrypted Messages Recovery

Manage Key Backup

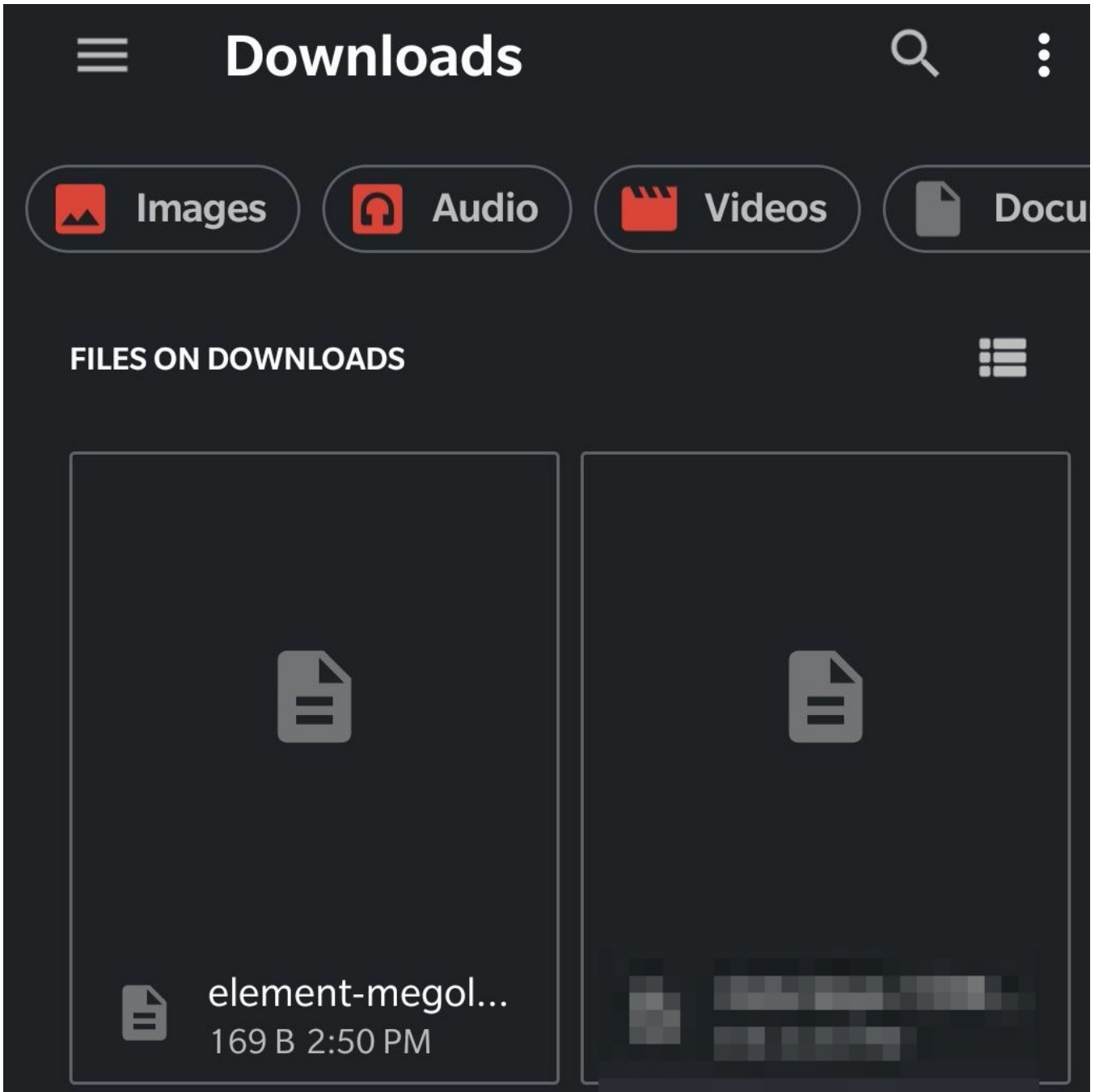
Export E2E room keys

Export the keys to a local file

Import E2E room keys

Import the keys from a local file

5. Browse to and select your export



6. Enter your passphrase and tap **IMPORT**

Import room keys

Import e2e keys from file "element-megolm-export-@demo_ems-demo-staging.ems.host-2020-08-21.txt".

Enter passphrase

IMPORT