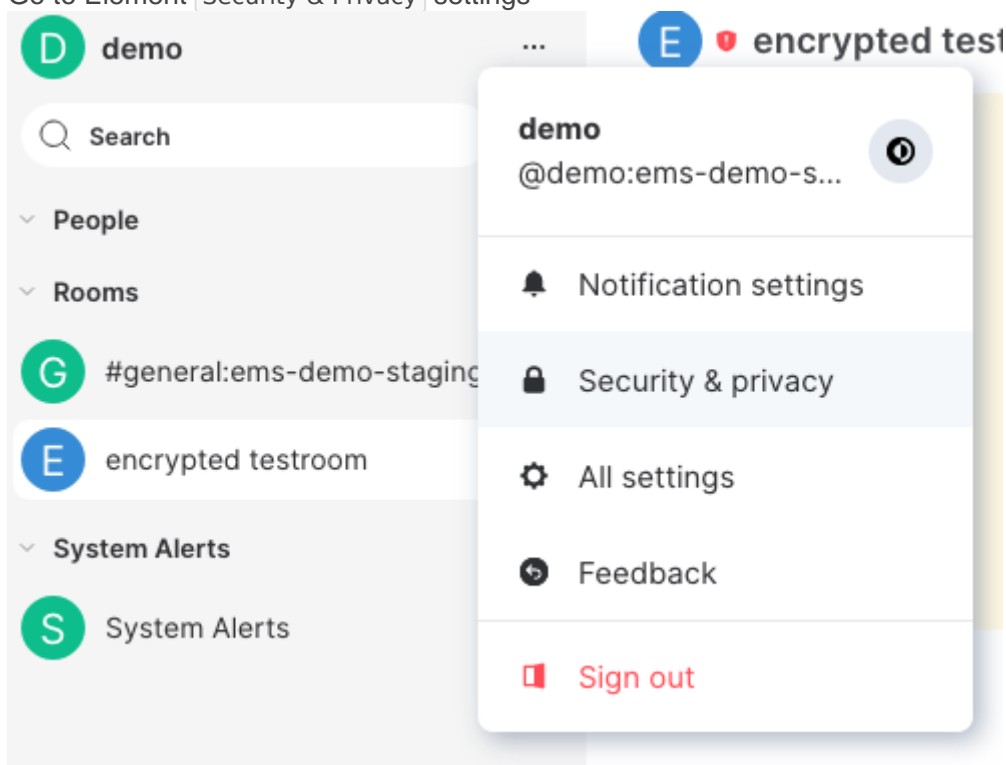


Export and Import E2E Room Keys

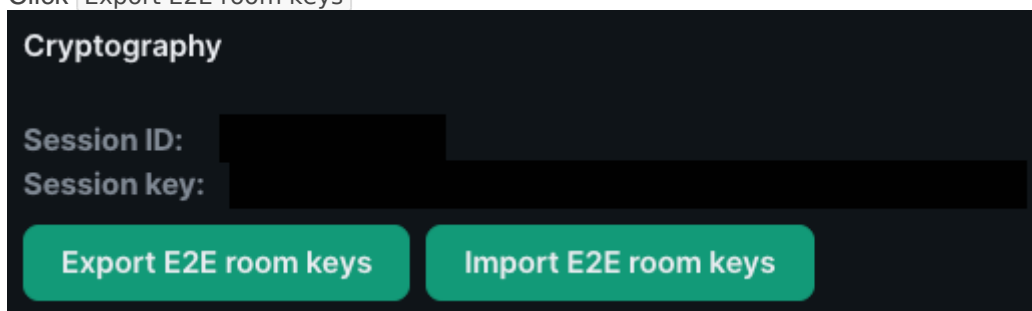
Element Web and Desktop

Export

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



2. Click **Export E2E room keys**



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

Advanced

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. To help with this, you should enter a passphrase below, which will be used to encrypt the exported data. It will only be possible to import the data by using the same passphrase.

Enter passphrase

.....

Confirm passphrase

.....


Export

Cancel

4. Choose to save the file

Opening element-keys.txt

You have chosen to open:

 **element-keys.txt**

which is: Visual Studio Code Document (167 bytes)
from: **blob:**

What should Firefox do with this file?

☐ Open with

Visual Studio Code (default)

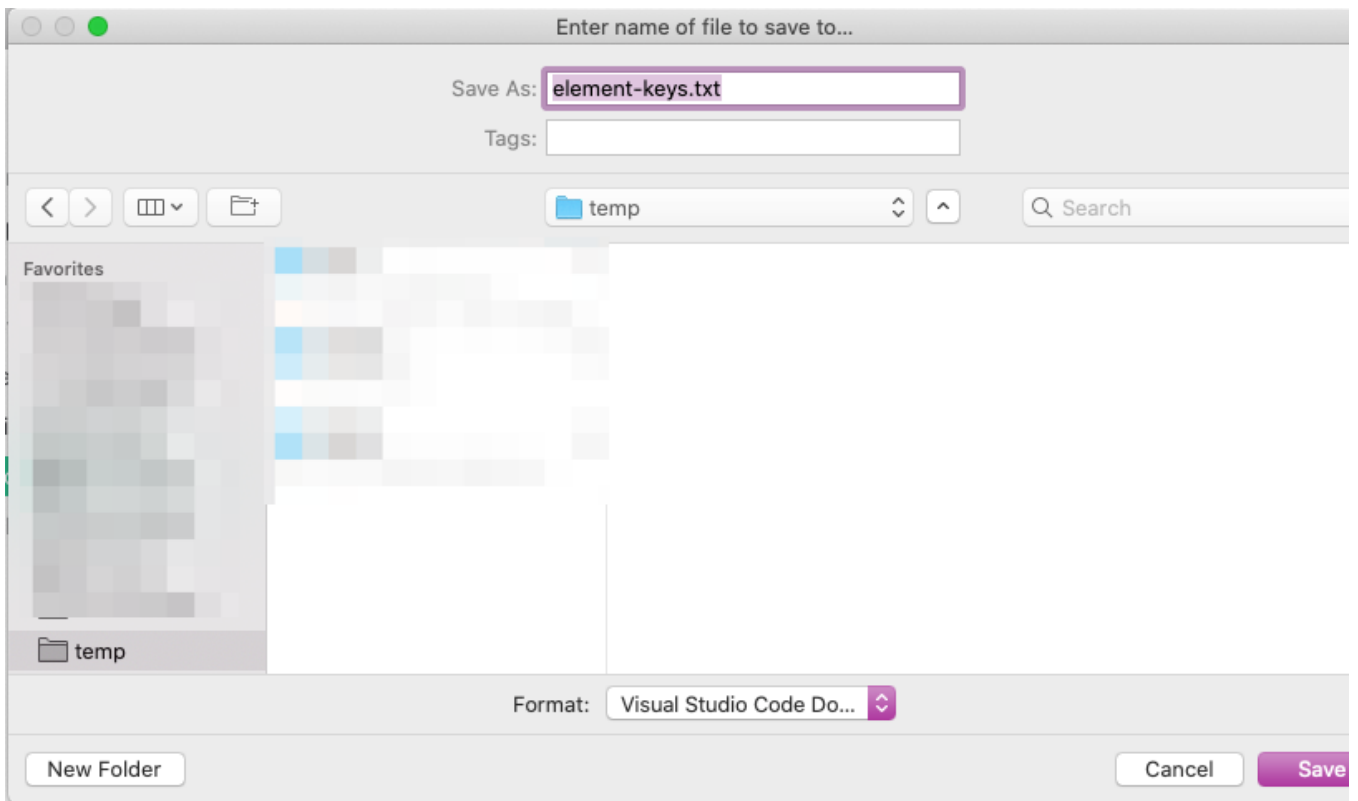
☒ Save File

☐ Do this automatically for files like this from now on.

Cancel

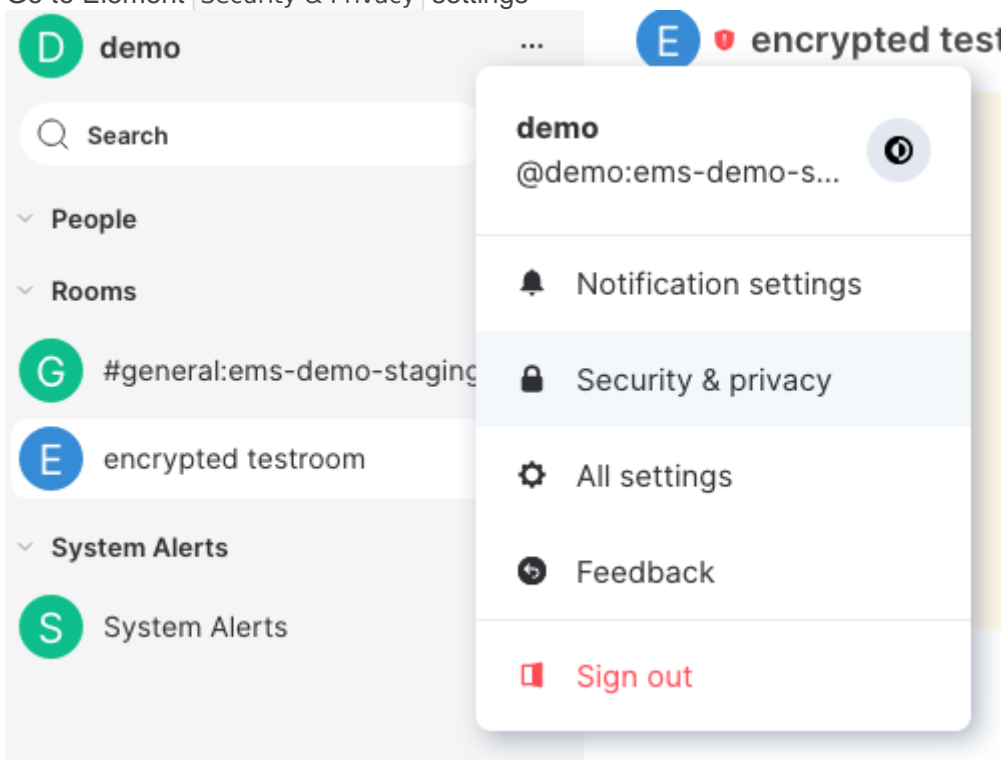
OK

5. Select a directory on your computer

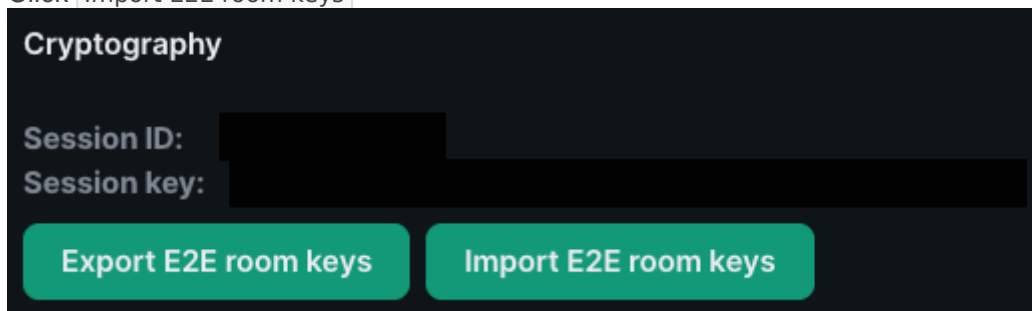


Import

1. Go to Element Security & Privacy settings



2. Click **Import E2E room keys**

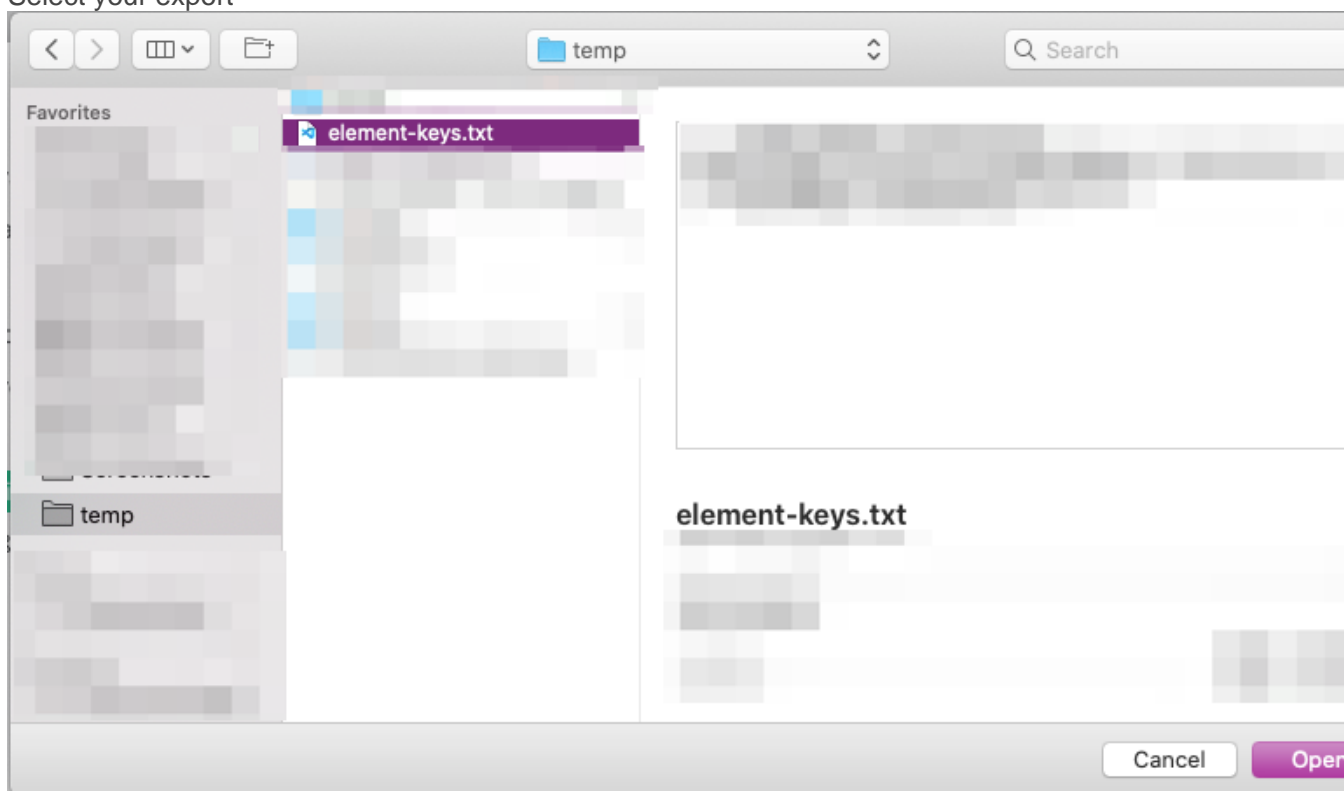


3. Click **Browse**

File to import

Browse... No file selected.

4. Select your export



5. Enter your passphrase and click **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 will be protected with a passphrase. You should enter the passphrase here, to decrypt the file.

File to import

Browse...

element-keys.txt

Enter passphrase

.....

Import

Cancel

Element iOS

Export

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

A screenshot of the Element iOS app's settings menu. The menu is dark-themed with three visible options: 'SECURITY' at the top, 'Security' in the middle with a right-pointing chevron, and 'NOTIFICATION SETTINGS' at the bottom.

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

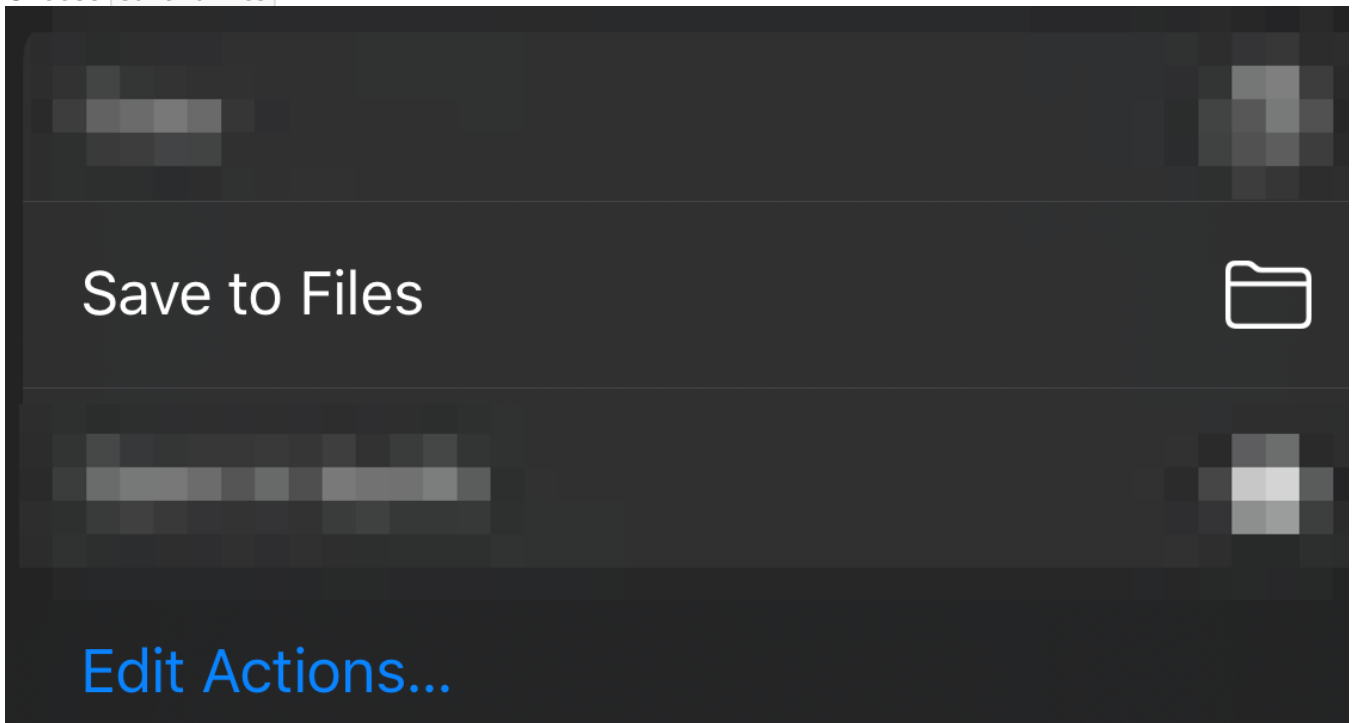
This process allows you to export the keys for messages you have received in encrypted rooms to a local file. You will then be able to import the file into another Matrix client in the future, so that client will also be able to decrypt these messages.

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.

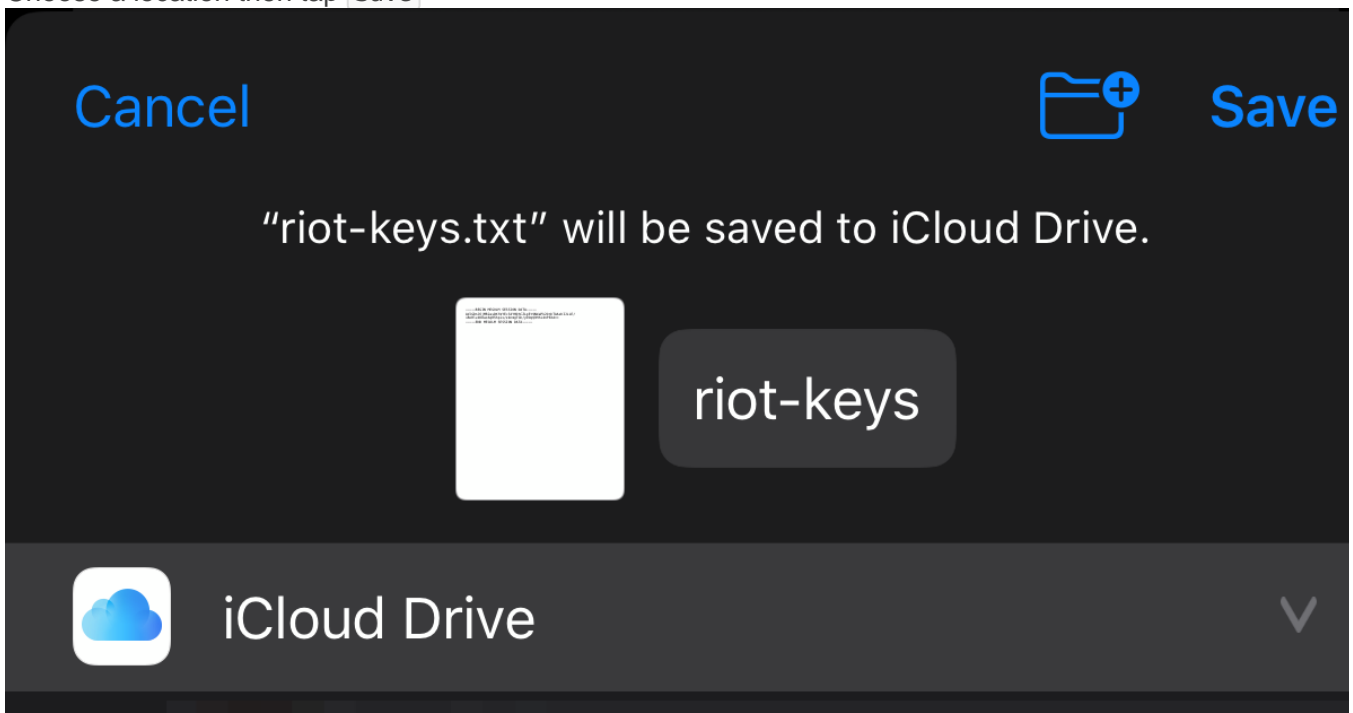
Cancel

Export

5. Choose **Save to Files**




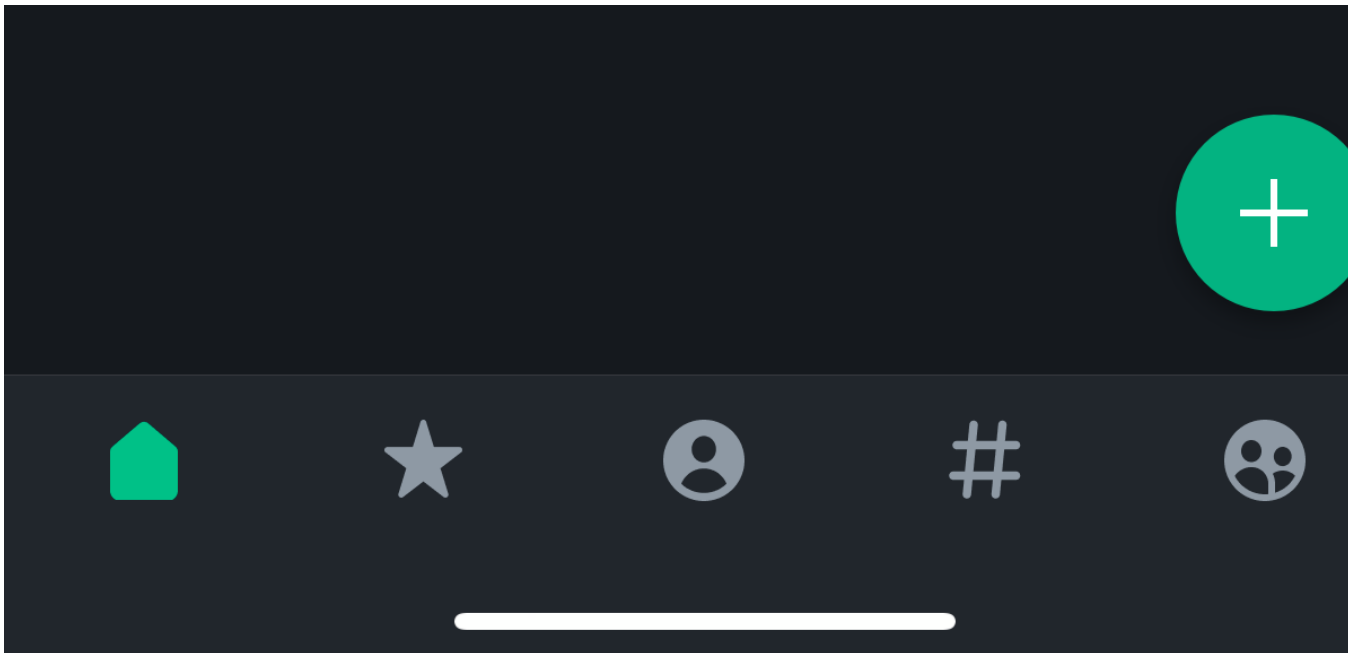
6. Choose a location then tap **Save**



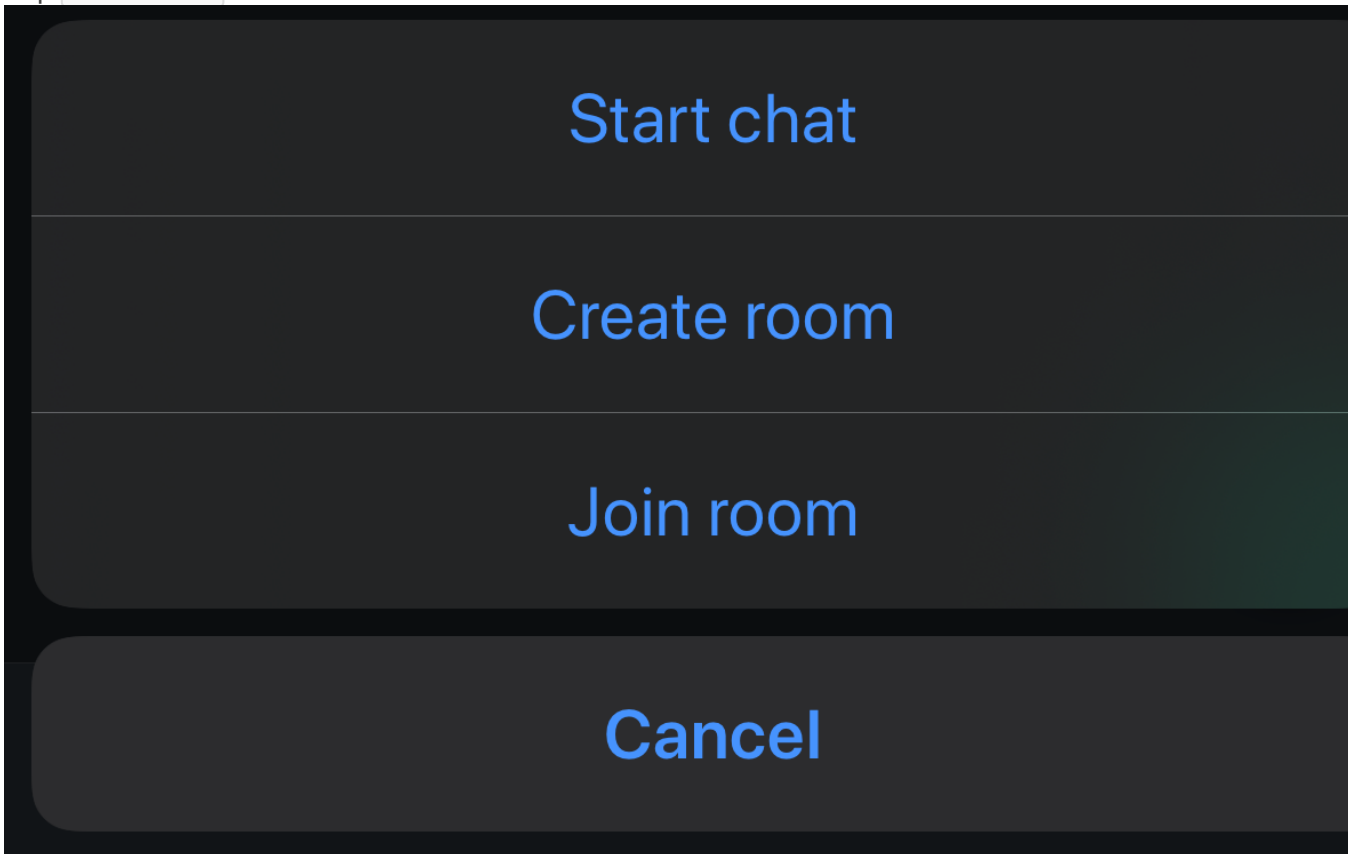
Import

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

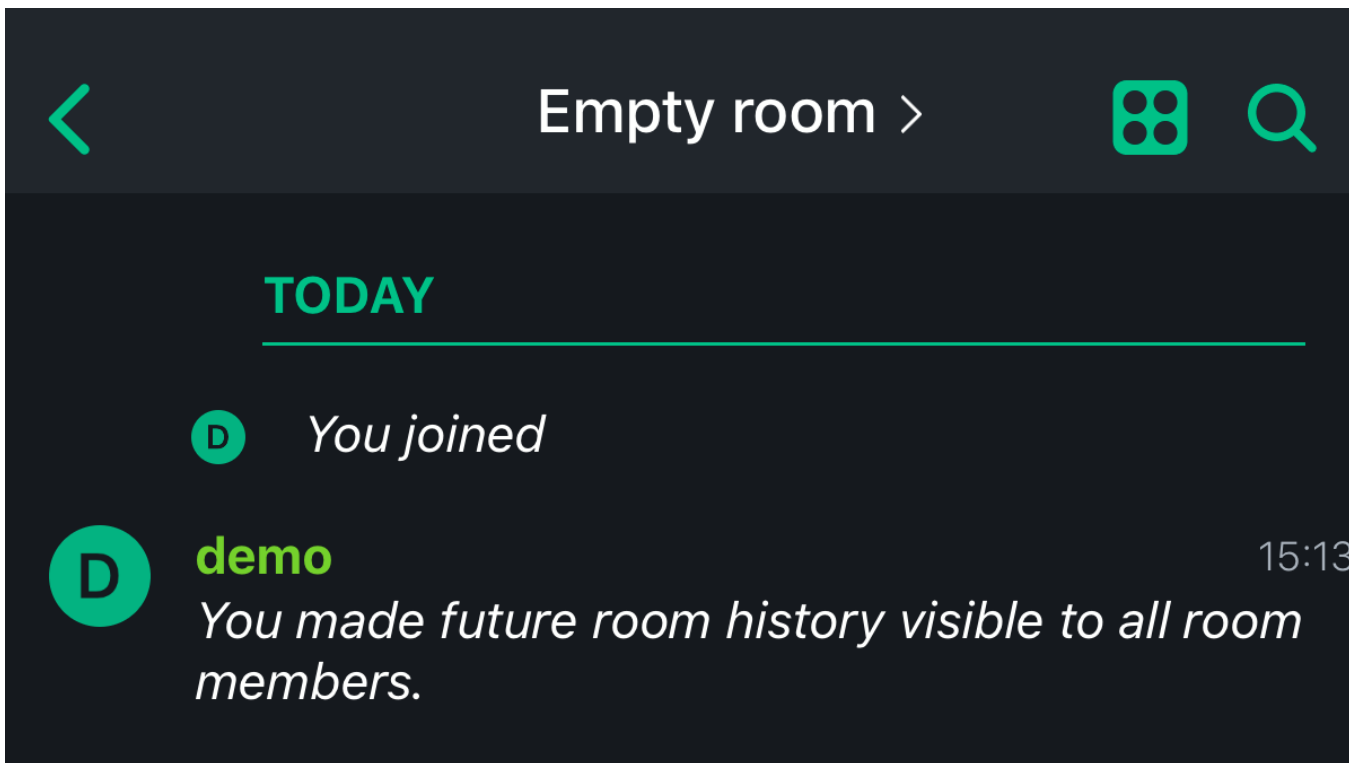
1. Tap the  in the bottom right corner



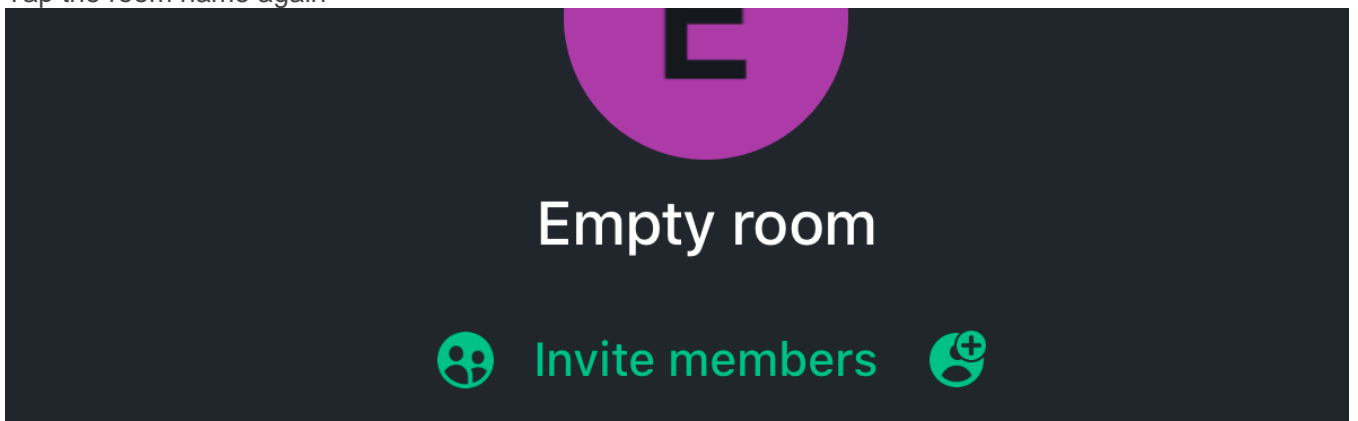
2. Tap Create room



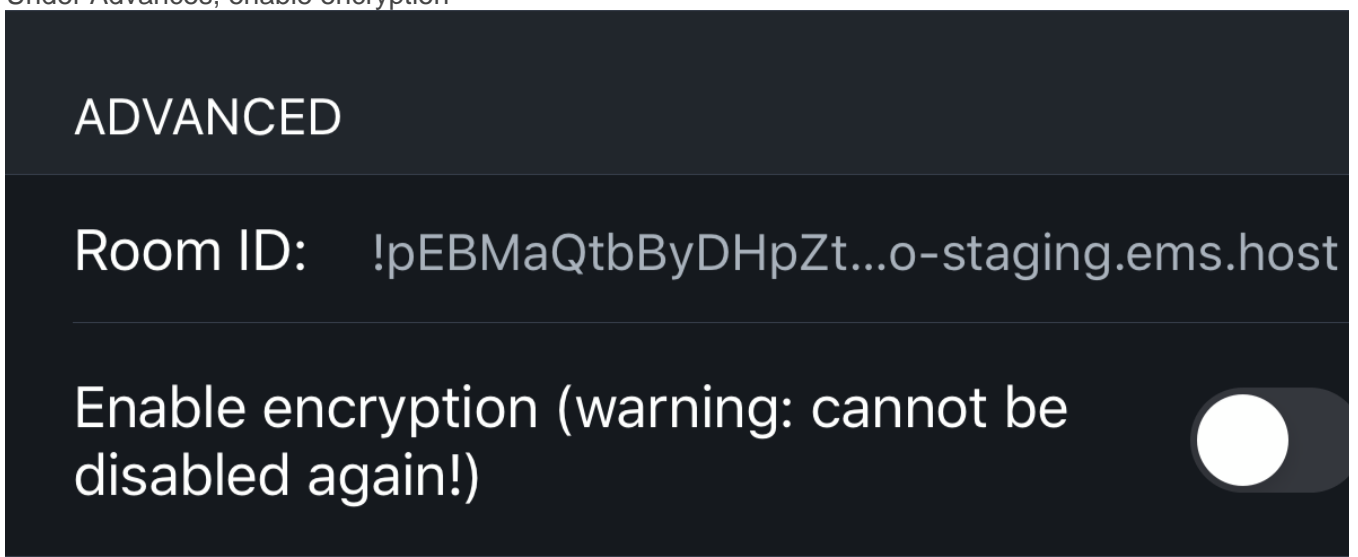
3. Tap the room name (Empty room) at the top



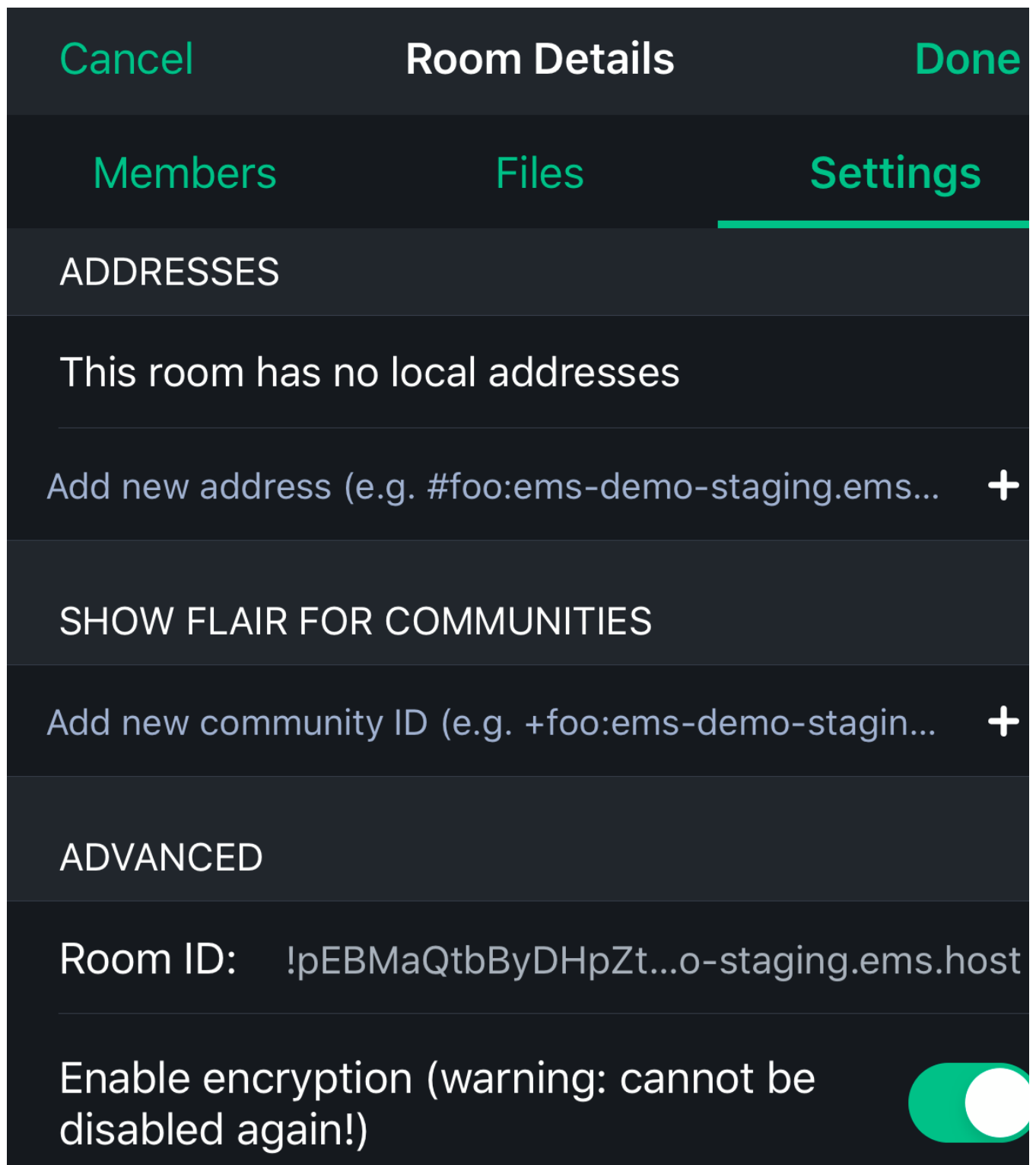
4. Tap the room name again





5. Under Advances, enable encryption



6. Tab **Done** in the top right



7. Tap the  to send a file

  Send an encrypted message...



8. Tap 

Take photo or video

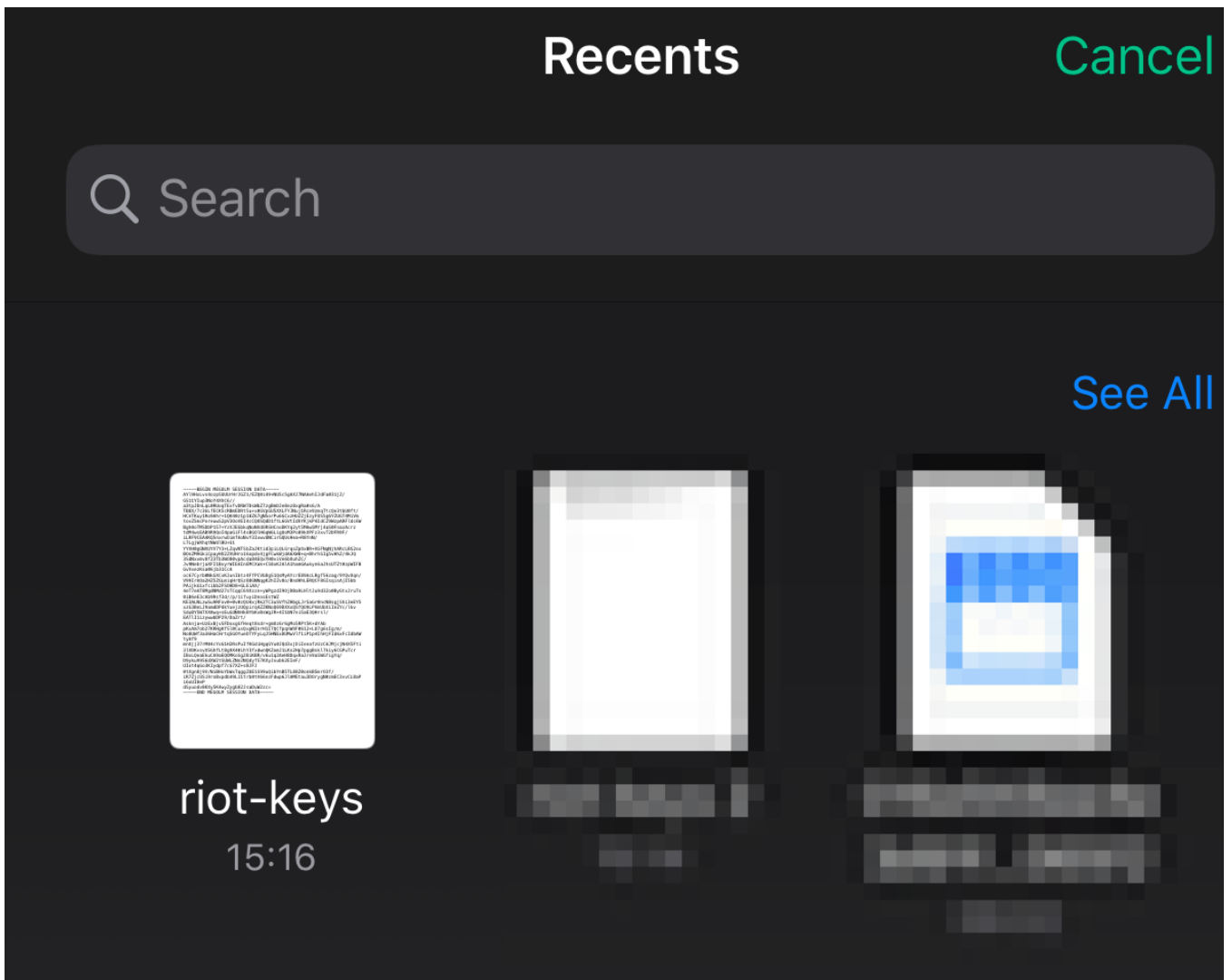
Send photo or video

Send sticker

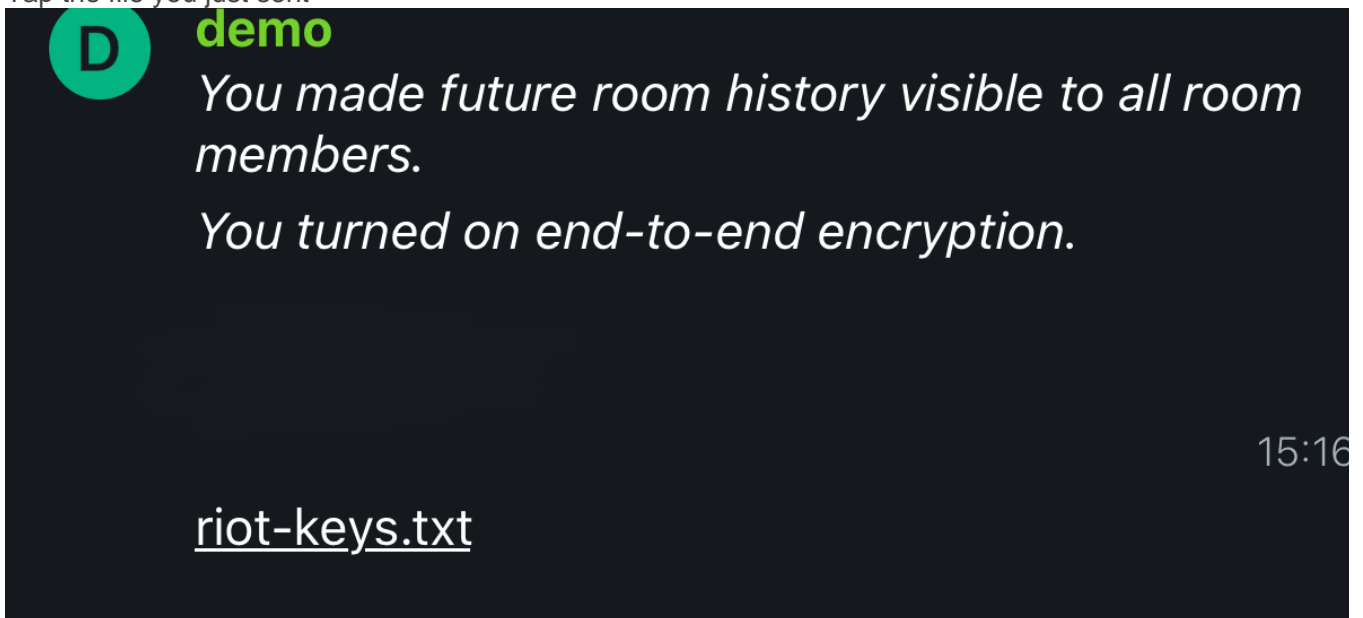
Send file

Cancel

9. Browse to and select your export



10. Tap the file you just sent



11. Tap **Import**

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 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.

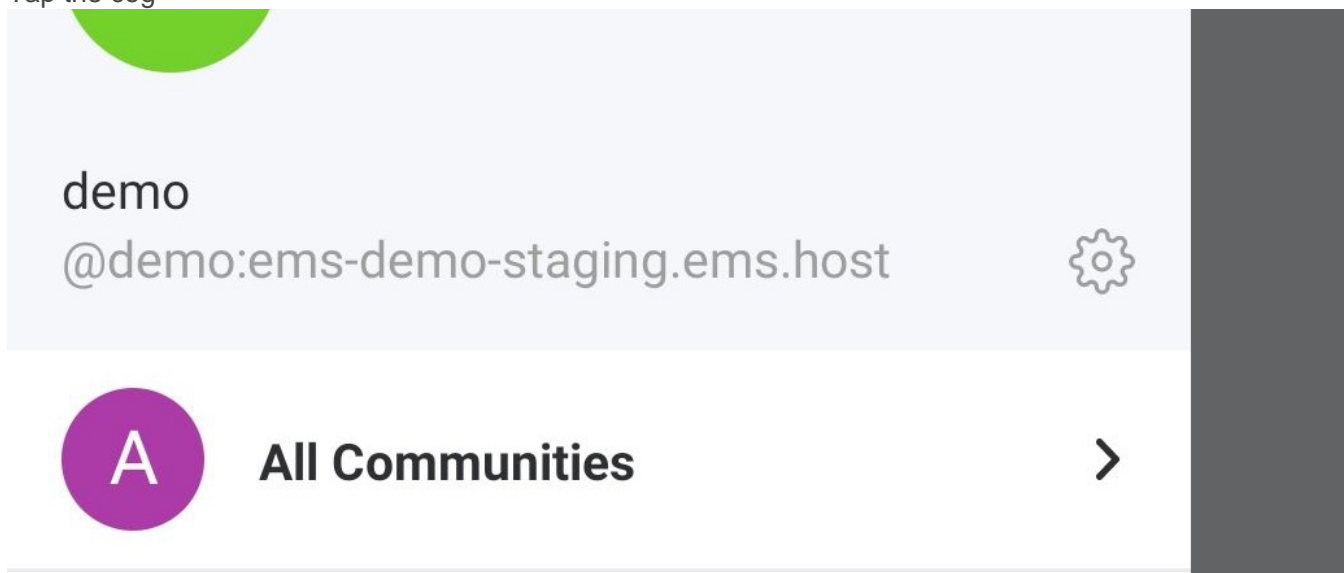
Cancel

Import

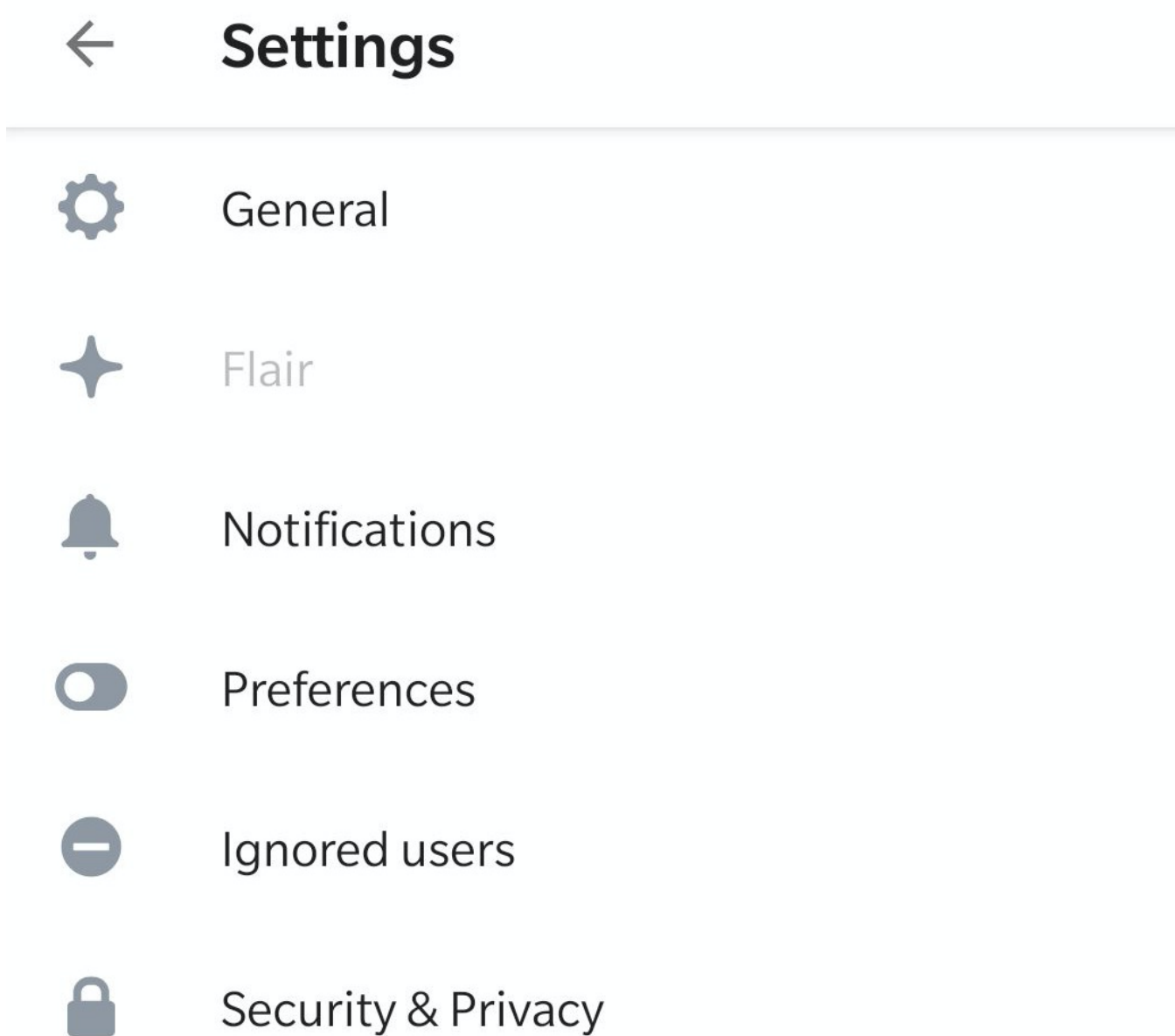
Element Android

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

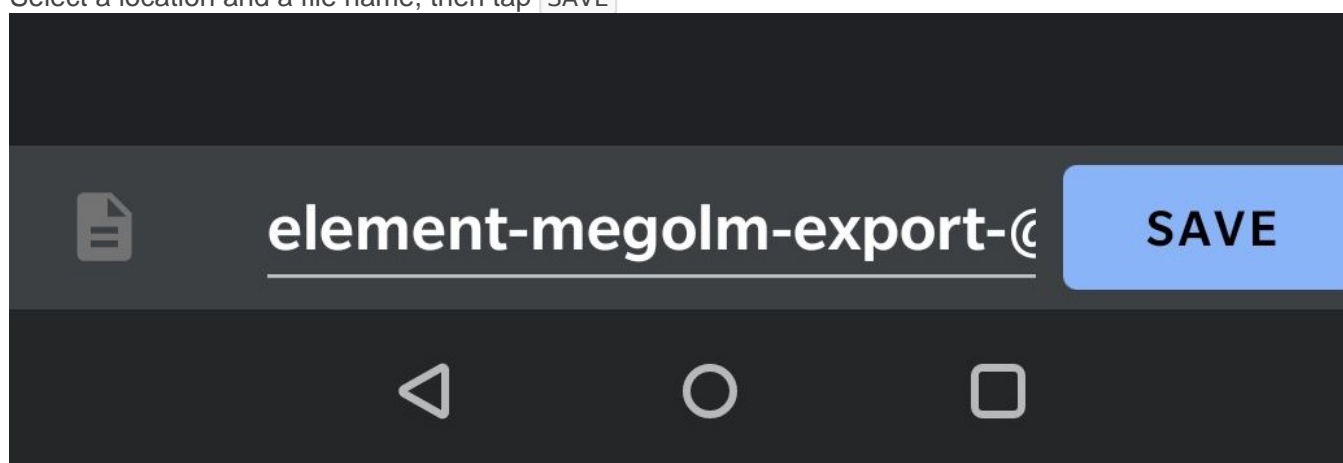
Export E2E room keys

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

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

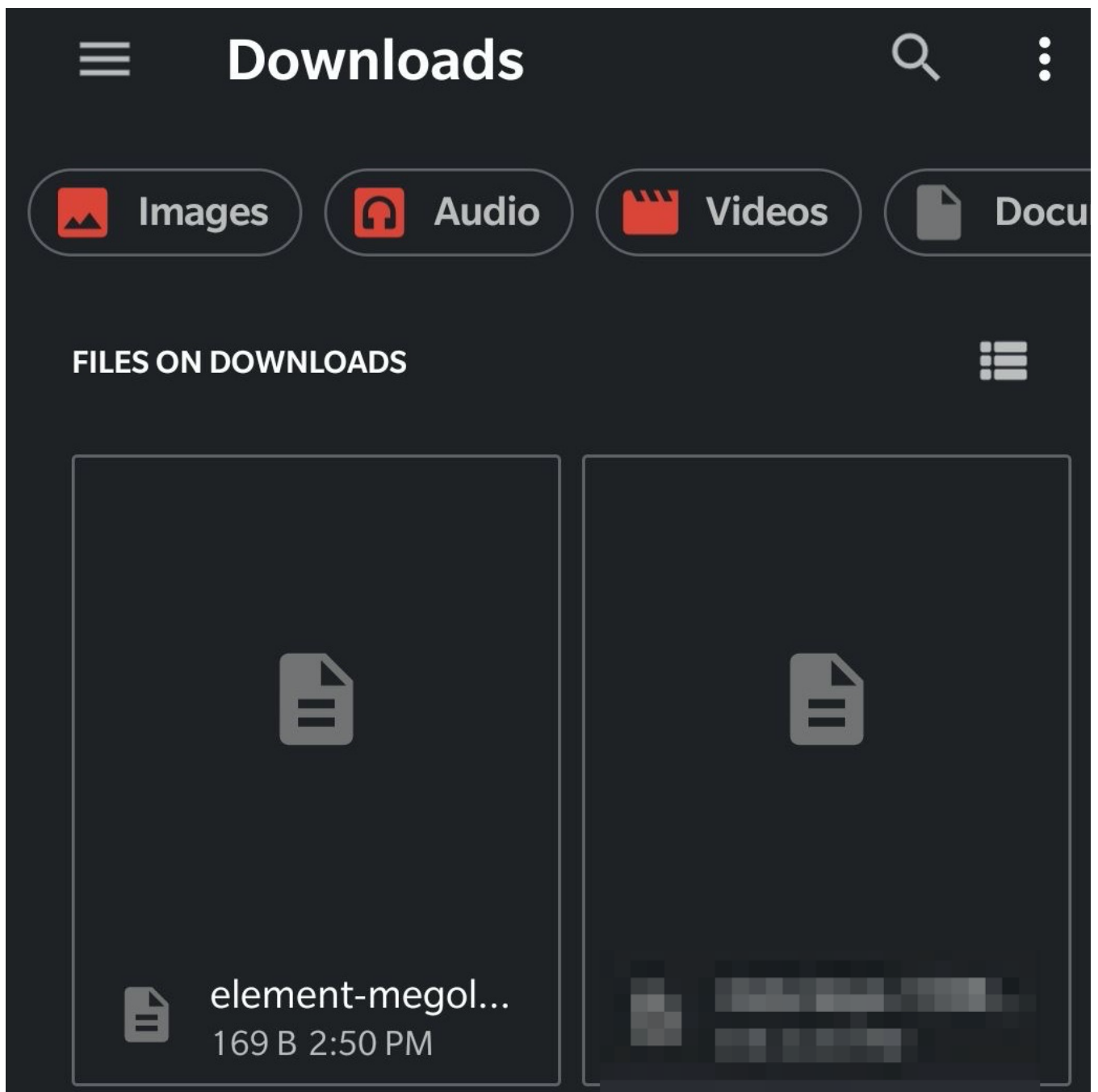
Export E2E room keys

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

Revision #4

Created 18 April 2022 14:20:14 by Karl Abbott

Updated 6 November 2024 12:29:04 by Kieran Mitchell Lane