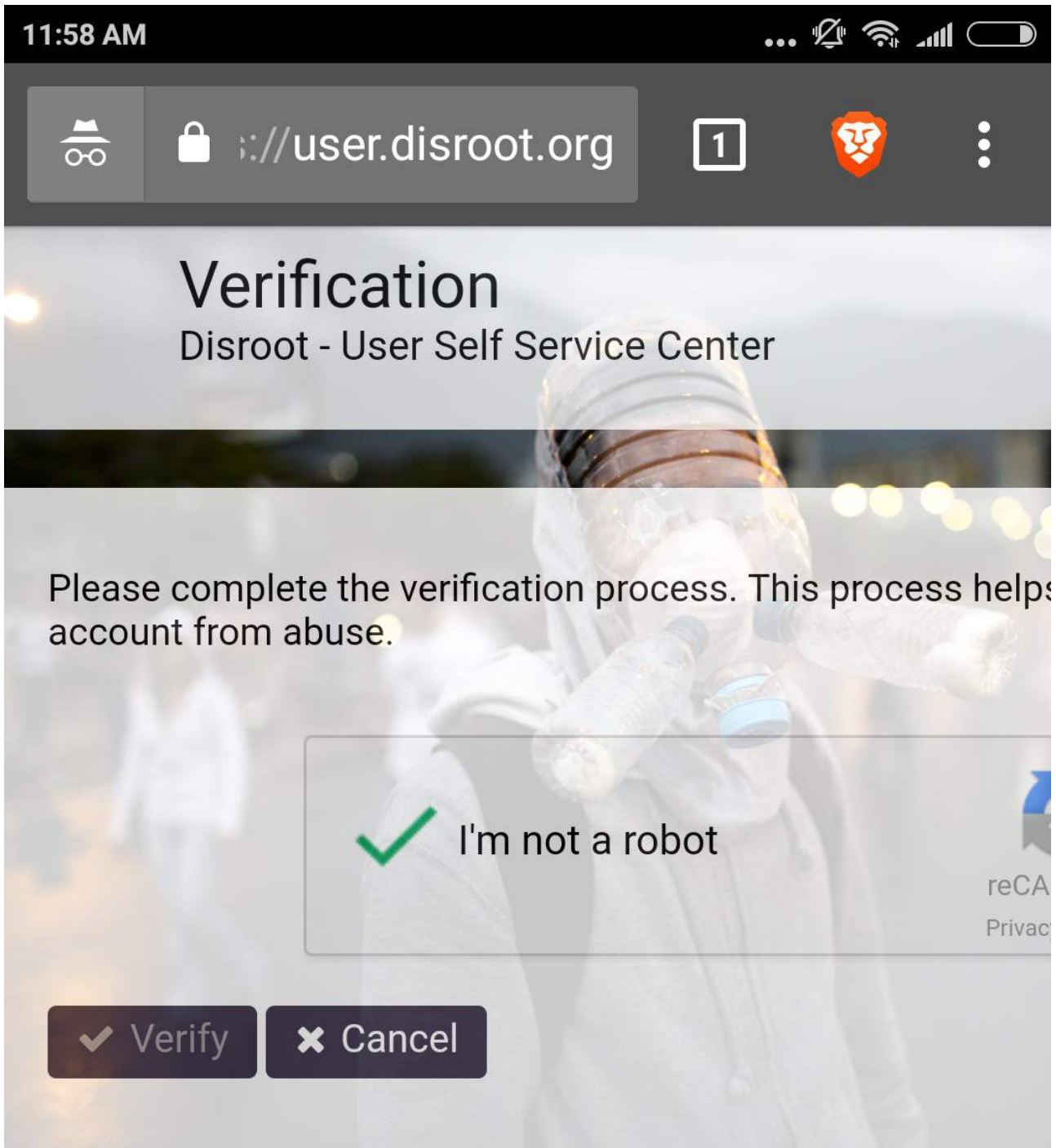


Create Disroot User Account

This section will guide you through creating an account on Disroot.

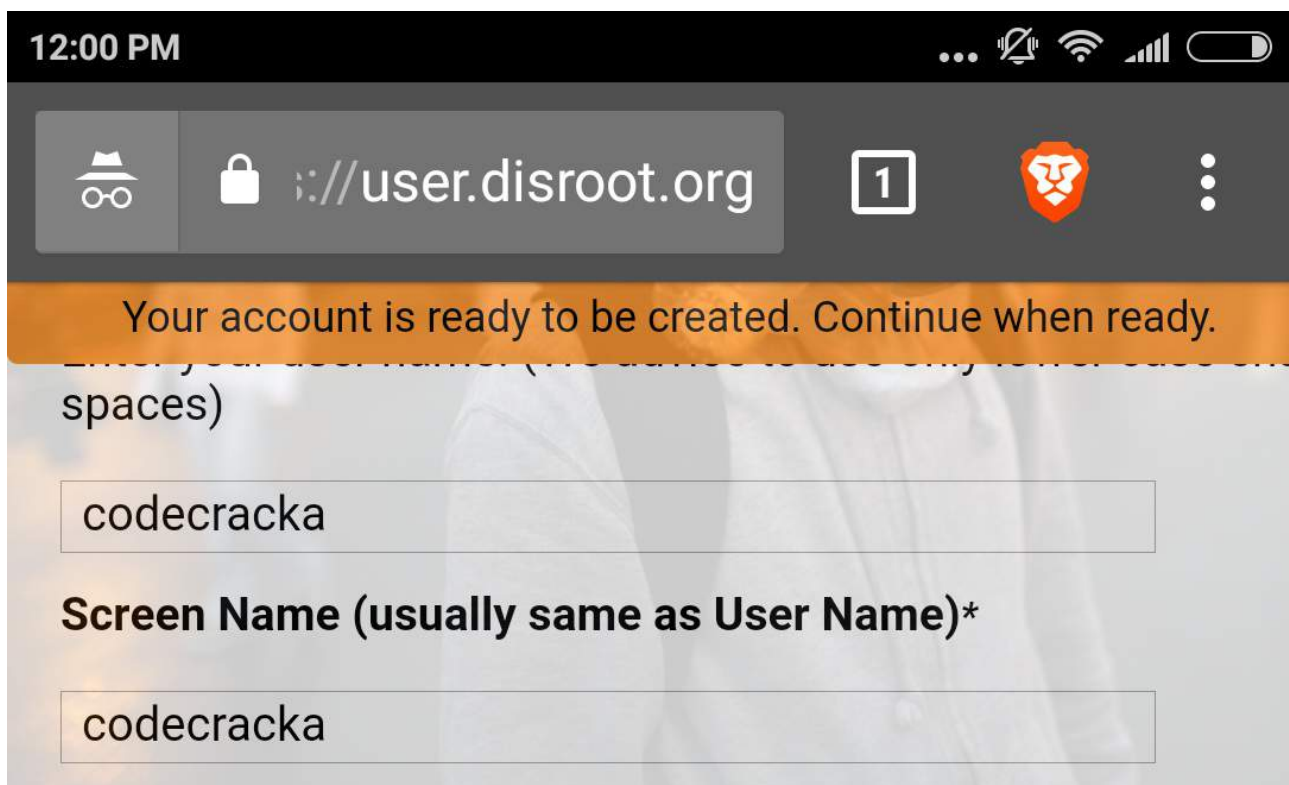
Note: You do not need an email to register for Disroot account. You should create a username that is easily identifiable by the members in the chat

1. [Go through here \(https://user.disroot.org/pwn-disroot/public/\)](https://user.disroot.org/pwn-disroot/public/). Note: There are timeout limit on the page if there is no interection. Click **New User Registration**








Idle Timeout: 4 minutes •  [English](#)

2. Fill out username and password. Click **Continue**



12:00 PM

  <https://user.disroot.org>   

Your account is ready to be created. Continue when ready.

spaces)

Screen Name (usually same as User Name)*


New Password*

Please follow the below password rules

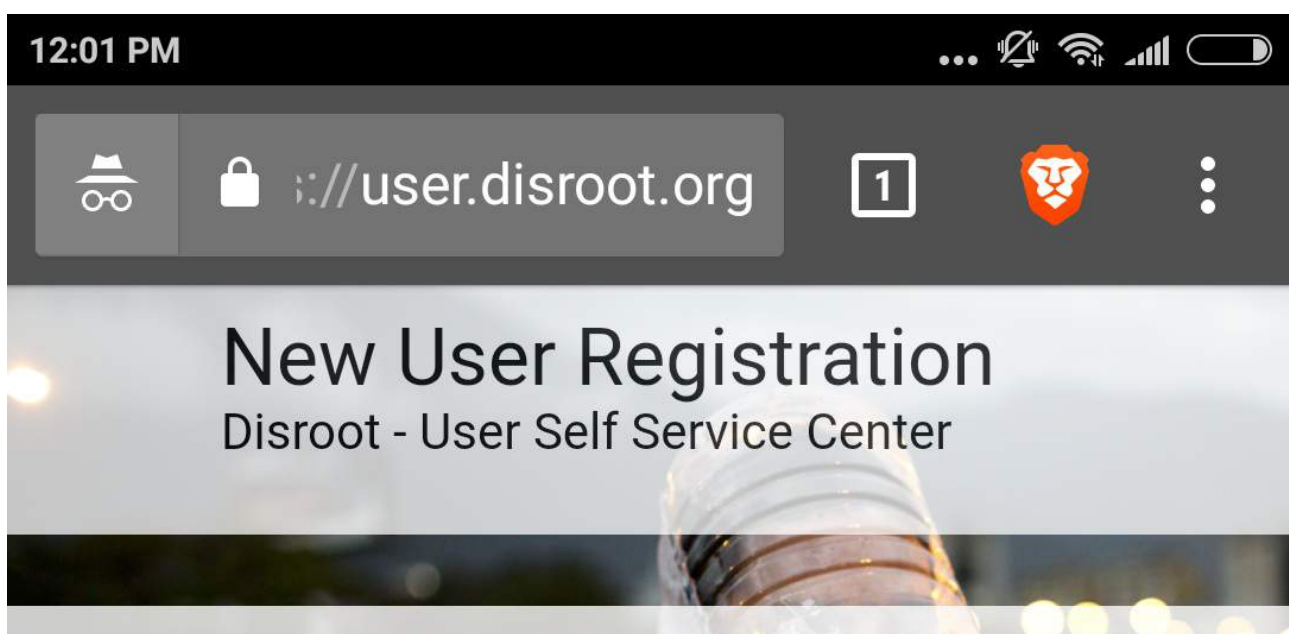
o Password is case sensitive

- o Password is case sensitive.
- o **Must be at least 8 characters long.**
- o Password cannot be longer than 64 characters
- o **Password must use ASCII (latin) characters!**(dont use specific characters)
- o You may use any special character
- o You may use numbers in your password
- o Must not include any of the following values: pass
- o Must not include part of your name or username.
- o Must not include a common word or commonly used characters.

Strength: 

3. Read the TOS (if you wish), check **I Agree** and click **Continue**



Terms Of Service

By using any of the services provided by disroot to the following TERMS OF USE. **TOS v1.0** By using services provided by disroot.org you agree to these conditions. These conditions can be changed at any time with notice. However we highly evaluate transparency best to make sure users are notified as soon as any major changes via email, Diaspora* network announcement forum, minor changes will most likely be published on the announcement forum. Disroot is a community of people who share server resources, collaborate and use services together. It is important that everyone understands it and feels equally responsible for keeping it to the following guidelines so we all get

Space limits on disk:

Resources are scarce. Keep in mind keeping unnecessary files and emails might limit server space, which can be used for accounts served to others. Don't litter! Accounts on disroot.org do not expire unused accounts. The



I Agree

▶▶ Continue

◀◀ Go Back

4. Fill out the security questions and answers. click **Continue**

12:03 PM



://user.disroot.org

1



used to access your account, be sure to supply answers that others to guess or discover.

Your answers meet the requirements. Click Save Answers when

What is left unity

Question:

.....

What is the name of the main character in your favorite

.....

Who is your favorite author?

.....

▶▶ Save Answers

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ✕

?123



5. it will prompt you this. Click **Continue**

12:04 PM



://user.disroot.org

1



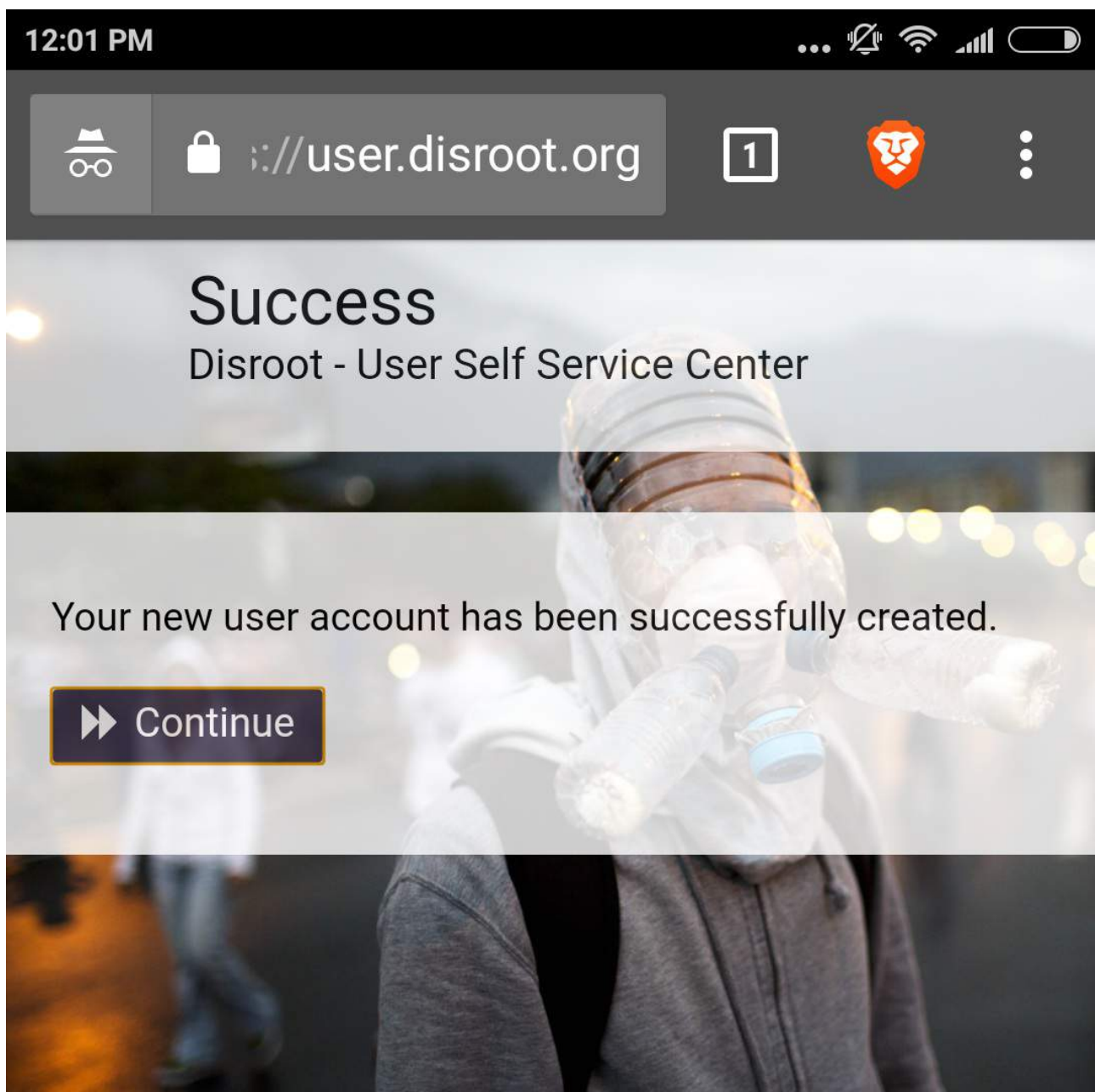
Success

Disroot - User Self Service Center

Thank you. Your secret questions and answers have been saved. If you ever forget your password, you can use the answers to reset your password.

▶▶ Continue

6. Congrats! your user account is created! Click **Continue**





codecracka • Idle Timeout: 4 minutes •  Eng

7. This is your user page! You can now proceed to the [Riot App \(mobile.md\)](#), [Web client \(web.md\)](#) or [Desktop \(desktop.md\)](#) to login!


Back to [Index \(index.md\)](#)


Install / Login


1. Install Riot [Android](https://play.google.com/store/apps/details?id=im.vector.alpha) (<https://play.google.com/store/apps/details?id=im.vector.alpha>) | [iOS](https://itunes.apple.com/us/app/vector.im/id1083446067) (<https://itunes.apple.com/us/app/vector.im/id1083446067>) | [F-Droid](https://f-droid.org/packages/im.vector.alpha/) (<https://f-droid.org/packages/im.vector.alpha/>)
2. Fill in username and password ([Guide to create account \(user.md\)](#)), then check **Use custom server options (advanced)**


6:30 PM


...











growpotkin

or

Phone number

.....

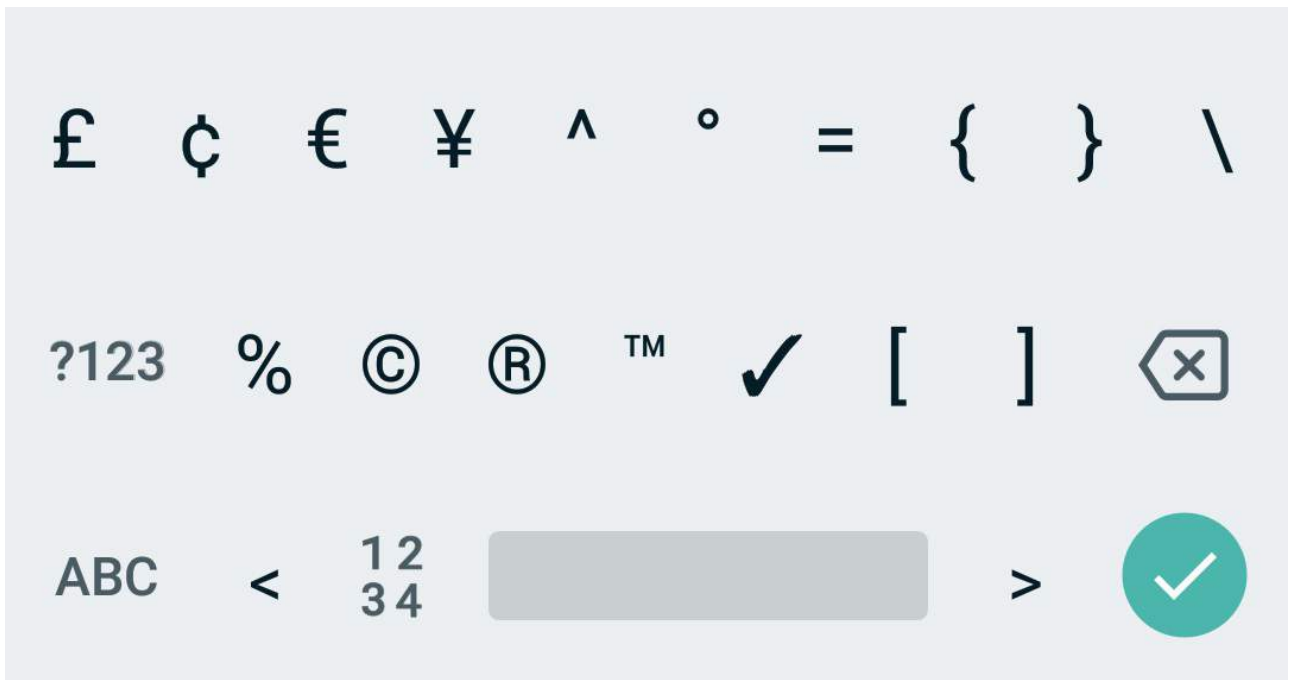
☒ Use custom server options (advanced)

Home Server:

REGISTER

LOG IN

~ ` | • √ π ÷ × ¶ Δ



3. Scroll down and fill in (<https://disroot.org> Not *matrix.disroot.org*):

6:30 PM

.....

☒ Use custom server options (advanced)

Home Server:

https://disroot.org ←

Identity Server:

https://matrix.org ←

Forgot password?

REGISTER

LOG IN


4. This is how the user page look like

6:33 PM

⋮ 🔒 🔊 📶 🔋

☰ 🔍 Search for rooms ⋮

PEOPLE



ROOMS



gin



Add User

1. Click the *Plus Circle at the right bottom*, click **Start Chat**
2. Enter username you want to search, click the Plus to add user to chat



@withomy

Invite by ID

LOCAL CONTACTS (0)



Matrix users only

USER DIRECTORY (1)

**withomy**

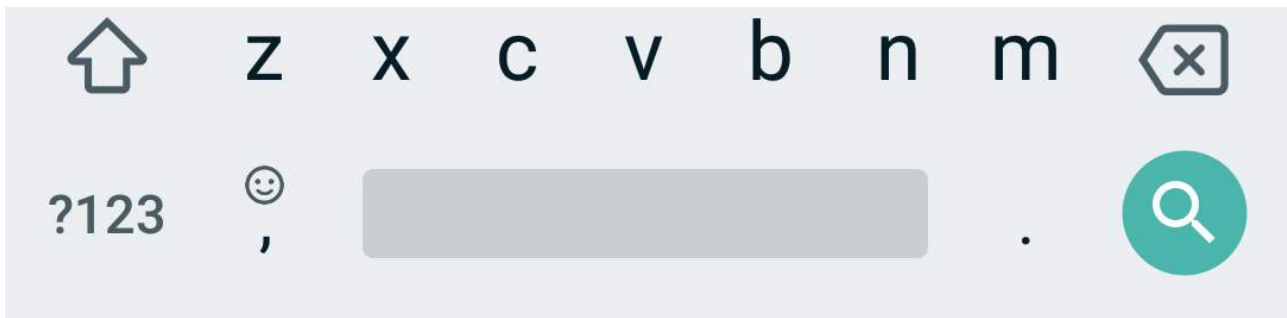
Online now



1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

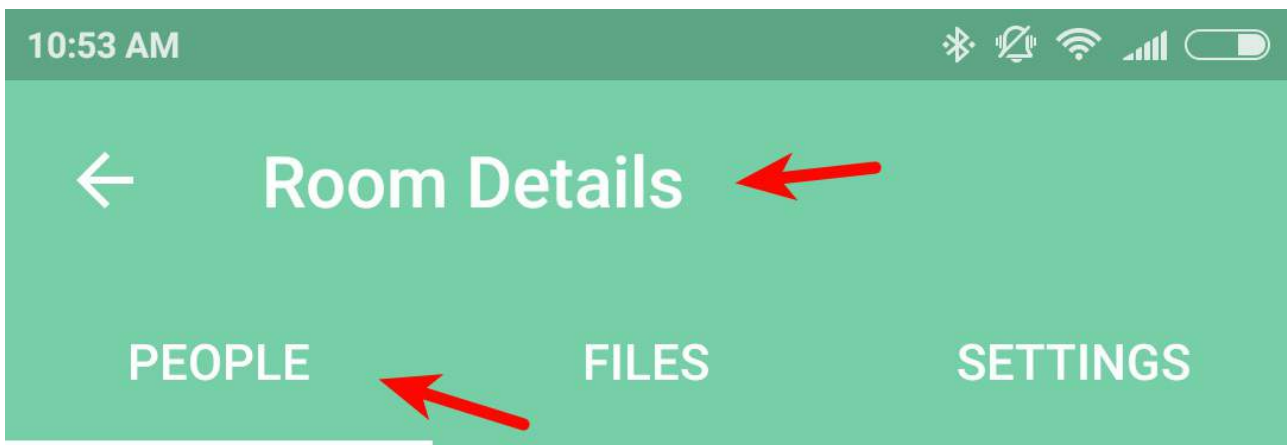
a s d f g h j k l



Verify Fingerprint

To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should also verify the **device key**

1. In the room, select the option then **Room Details**



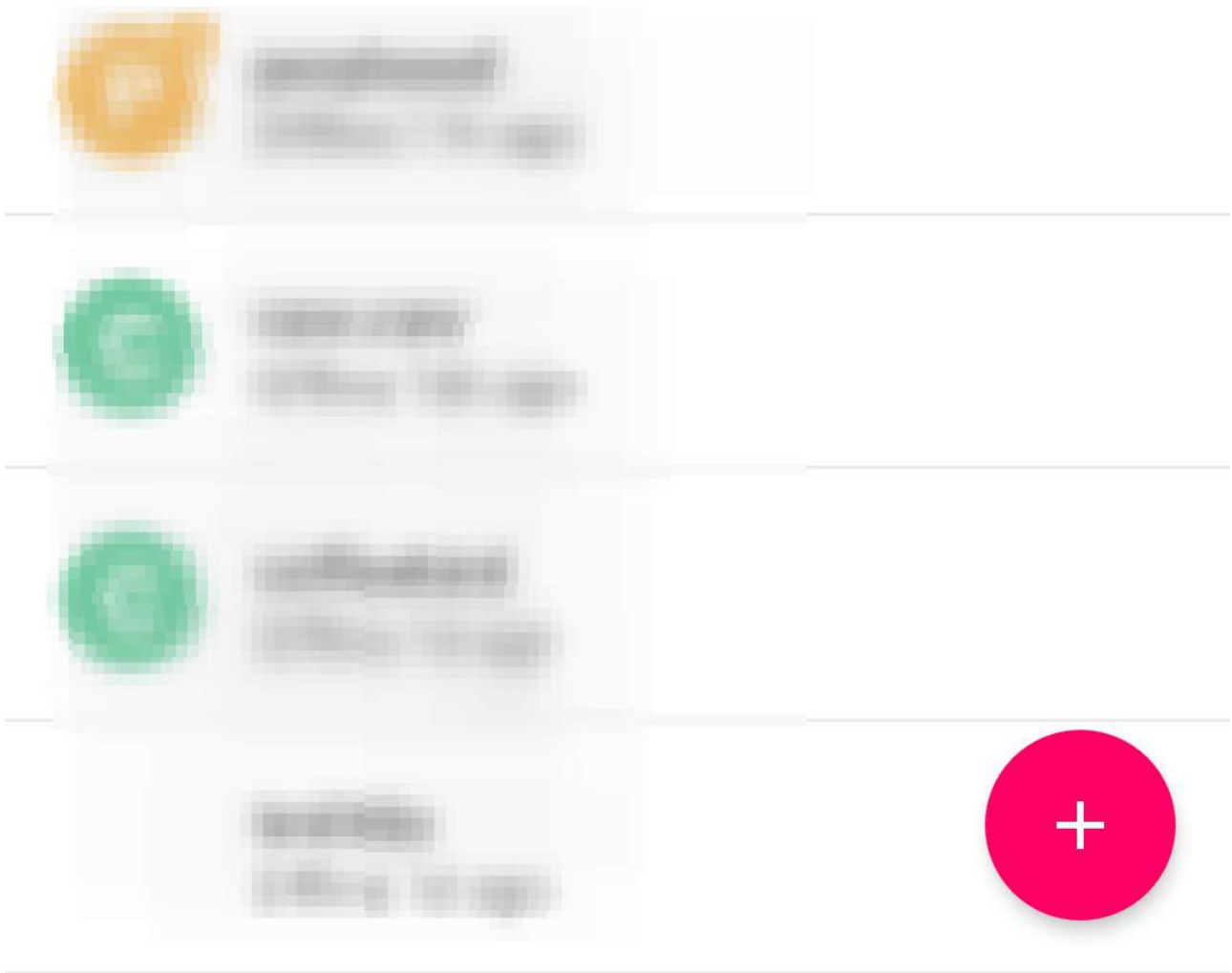
Filter room members

JOINED

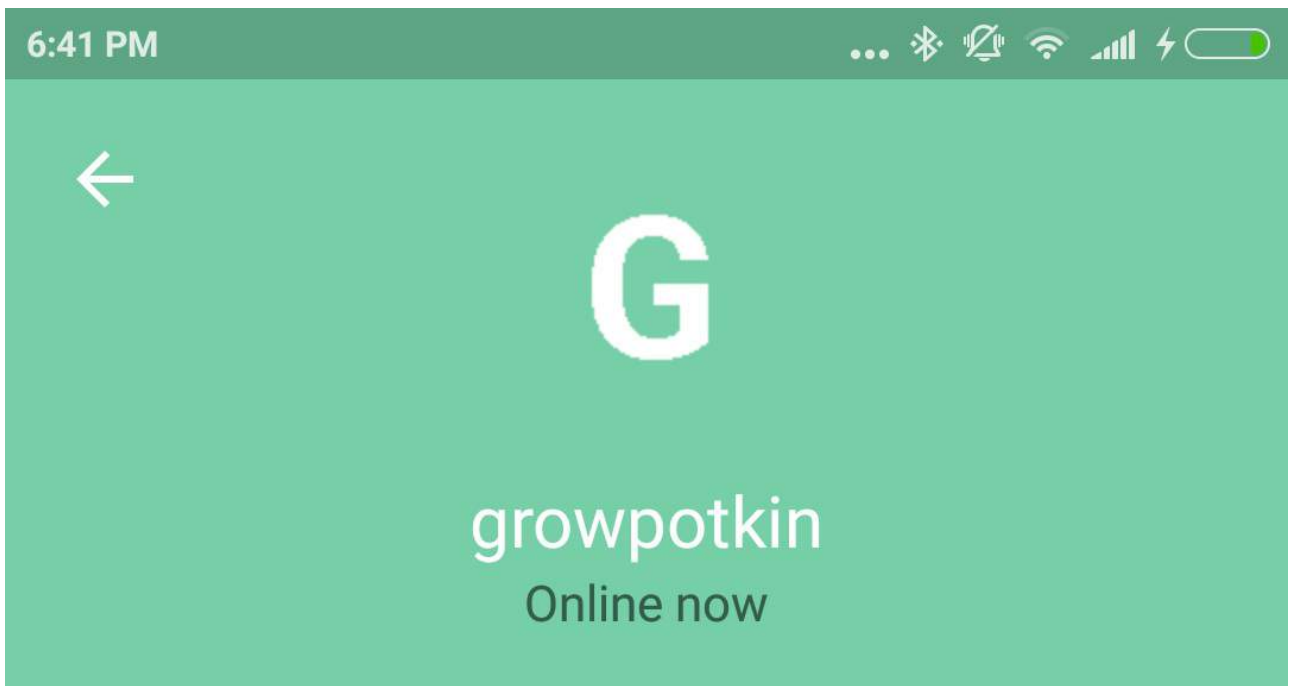


growpotkin
Online now





2. Click on **Show Device List**



Leave this room

DEVICES



Show Device List



DIRECT CHATS



Start New Chat

3. When you are sure the person had the **correct device ID and Key**, click **Verify**

DEVICES

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click **Verify That The Keys Match**

Verify device

To verify that this device can be trusted, please contact its owner using some other means (e.g. in person or a phone call) and ask them whether the key they see in their User Settings for this device matches the key below:

Device name

<https://chat.disroot.org/> via

Device ID

QIOYCSNJGT

Device key

[REDACTED]

If it matches, press the verify button below. If it doesn't, then someone else is intercepting this device and you probably want to press the block button instead.

In future this verification process will be more sophisticated.

I VERIFY THAT THE KEYS MATCH

CANCEL

5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.

DEVICES

https://chat.disroot.org/ via [REDACTED]
QIOYCSNJGT

Unverify

Blacklist

Import / Export Room Key

Every time you log out or sign in, the room will generate new key, meaning *you will not be able to read message from previous session* **unless you have the E2E room key.**

1. You can export the E2E key by go to **Settings**. Click **Export E2E room keys**

11:04 AM



Settings

Use native camera

Cryptography

Device name

Mobile

Device ID

[REDACTED]

Device key

[REDACTED]

Export E2E room keys

Export the keys to a local file

Import E2E room keys

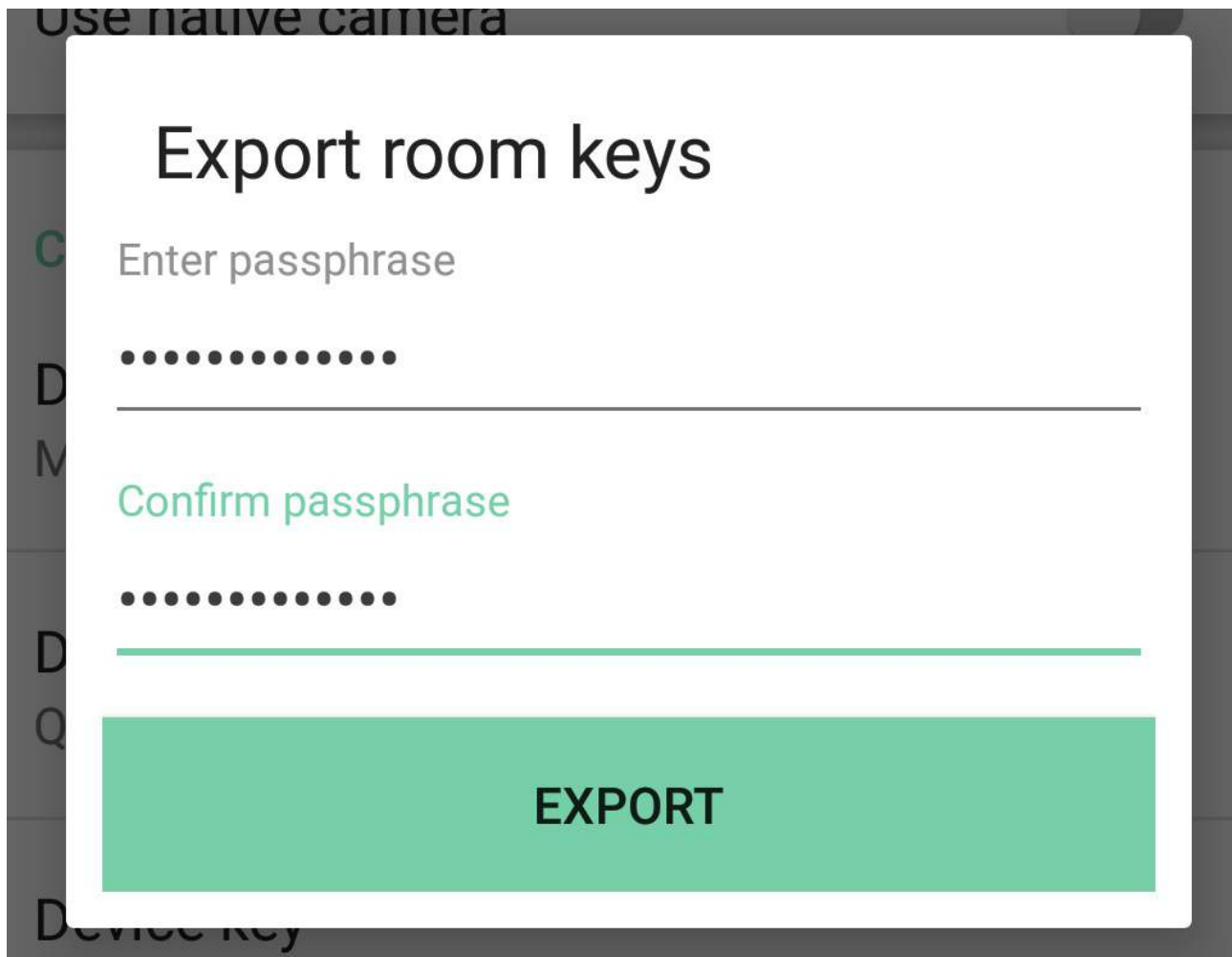
Import the keys from a local file

Encrypt to verified devices only

Never send encrypted messages to
unverified devices from this device



-
2. Fill in your password and click **Export**. It will download your key into Downloads folder with name **riot-keys.txt**



3. To import, the steps are the same. Click **Import E2E room keys**, fill out the password and select location of **riot-keys.txt**

To see [tips and troubleshooting \(tips.md\)](#)

Back to [Index \(index.md\)](#)

Riot Web Client

Login

[Proceed to here \(user.md\)](#) if you haven't created an account.

*Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint.
It is important to back up your E2E Room Key every time you log out*

1. Go to <https://chat.disroot.org> (<https://chat.disroot.org>) and fill out your created username & password



Sign in

Sign in with

disroot.org Matrix ID ▼

growpotkin|

.....

[Forgot your password?](#)

Sign in

☒ Default server ☐ Custom server

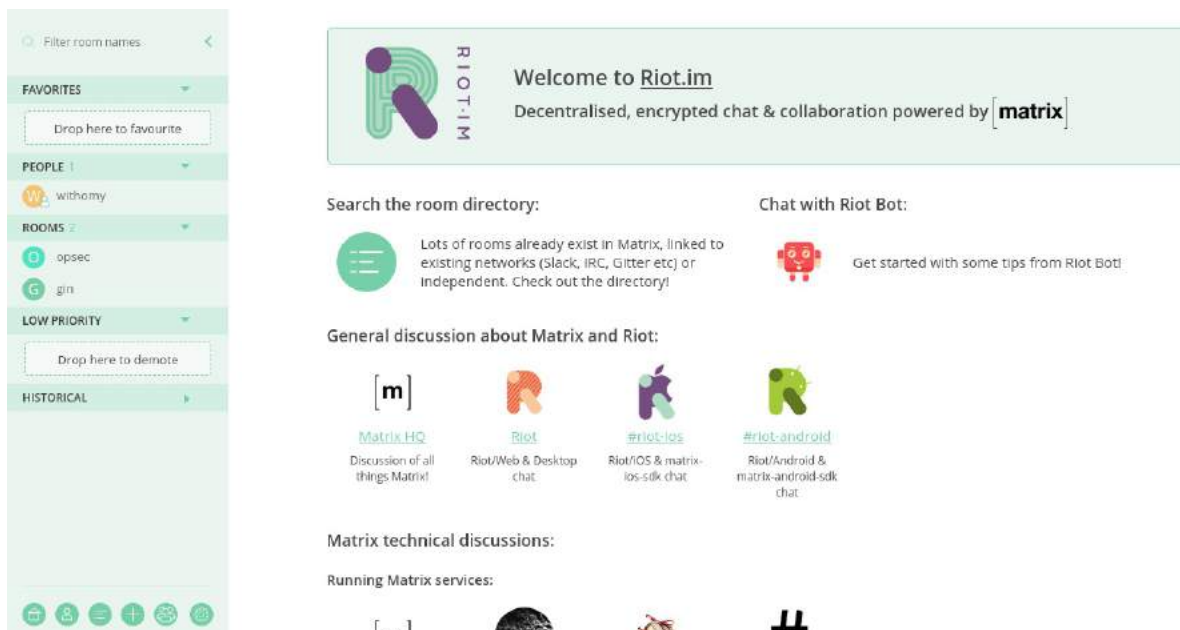
[Create an account](#)

[Login as guest](#)

English (US) ▼

[blog](#) · [twitter](#) · [github](#) · [powered by Matrix](#)

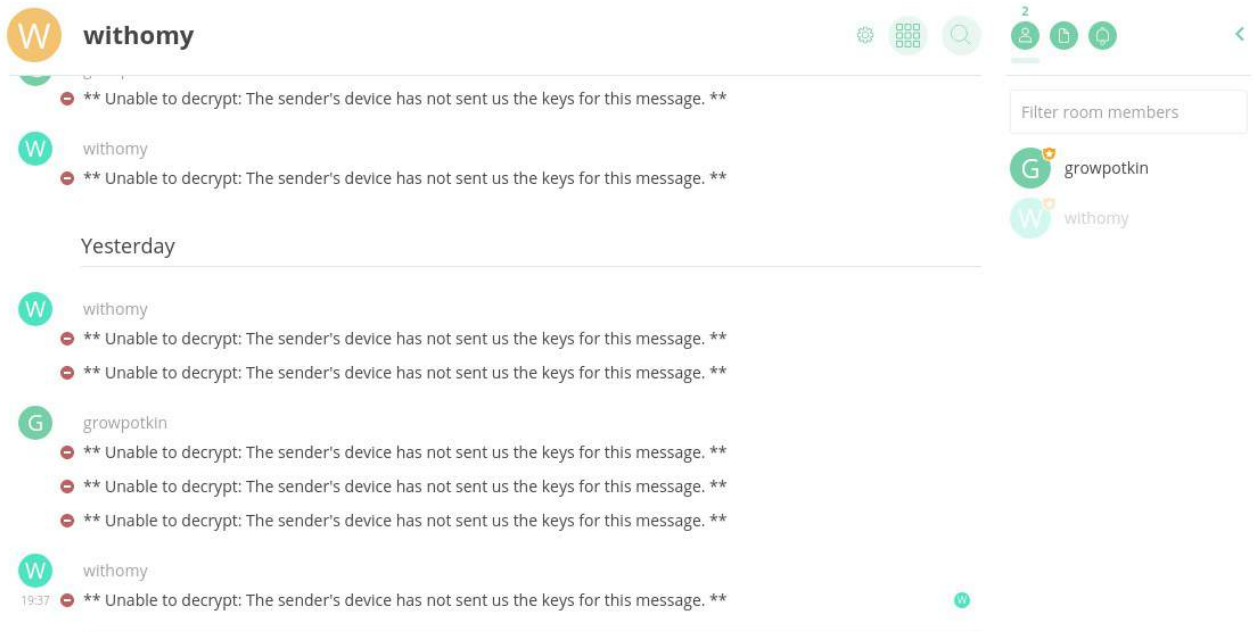
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat**



3. Fill in the username you want to connect, click the name if necessary.



4. You are now connected with the user! First you must verify the keys with the user. Click on the user icon to drop down the options.



5. You should exchange your device and key ID with the user to manually verify the fingerprint. Once done you can click verify. You should see the lock sign instead of warning sign if verified. To unverify click it again.



Import / Export Keys

1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys

Settings



VOIP

☐ Disable Peer-to-Peer for 1:1 calls

Missing Media Permissions, [click here to request](#).

DEVICES

Device ID	Device Name	Last seen	
KXXBNSPHOT	https://chat.disroot.org/ via IE on Windows		Delete
			Delete
			Delete
			Delete

CRYPTOGRAPHY

Device ID: KXXBNSPHOT
Device key: WPQh MLN/ fhHf z/Qn ch9T lhvG 70RU f+Tn xjlf /GSQ JQ0

Export E2E room keys

Import E2E room keys

- Click **Export E2E Room Keys**. A prompt will pop up. Fill in the password and click **Export**. Your keys will be downloaded as **riot-keys.txt**

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

- To Import click **Import E2E Room Keys**. Fill in the password and select the key file.

DEVICE ID: [XXXXXXXXXX]



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

Choose File

No file chosen

Enter passphrase

Import

Cancel

Back to [Index \(index.md\)](#)

Riot App Desktop Guide

[Proceed to here \(user.md\)](#) if you haven't created an account.

Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint. It is important to back up your E2E Room Key every time you log out

To install Riot app on [Windows / MacOS \(https://riot.im/desktop.html\)](https://riot.im/desktop.html), [Debian \(http://data.agaric.com/how-install-riot-desktop-matrix-client-debian-based-systems\)](http://data.agaric.com/how-install-riot-desktop-matrix-client-debian-based-systems) and [Build from Source \(https://github.com/vector-im/riot-web#running-as-a-desktop-app\)](https://github.com/vector-im/riot-web#running-as-a-desktop-app)

Login

1. To login, fill out username and password then custom server



Sign in

Sign in with

disroot.org Matrix ID ▼

growpotkin

.....

[Forgot your password?](#)

Sign in

☐ Default server ☒ Custom server

Home server URL

https://disroot.org

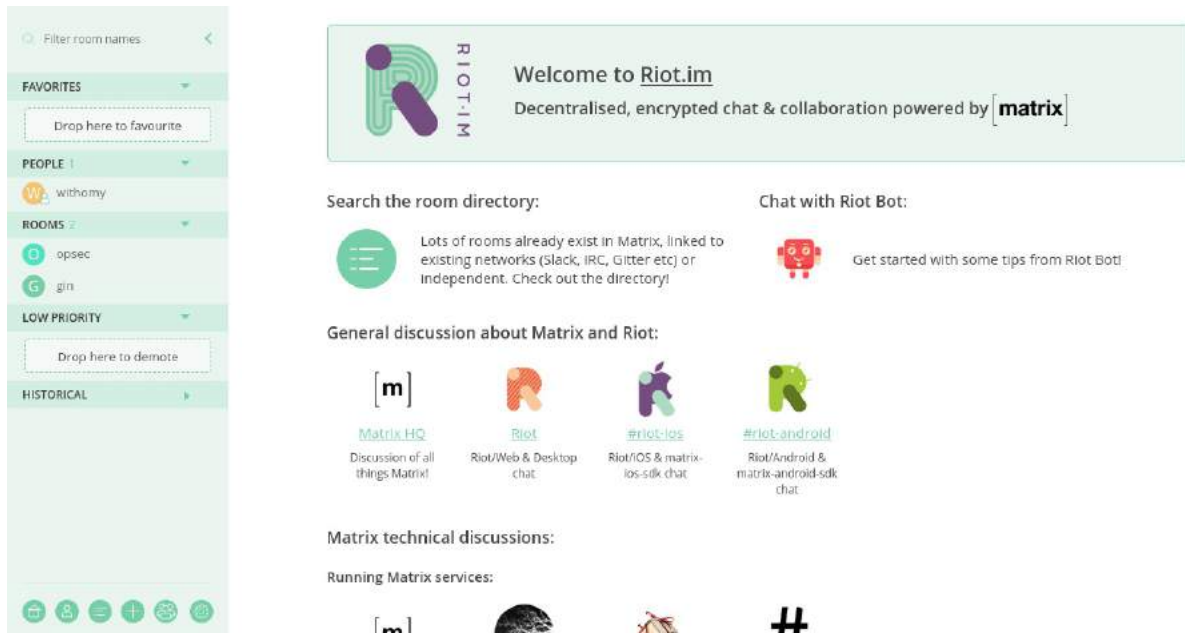
Identity server URL

https://matrix.org

[What does this mean?](#)

2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start**

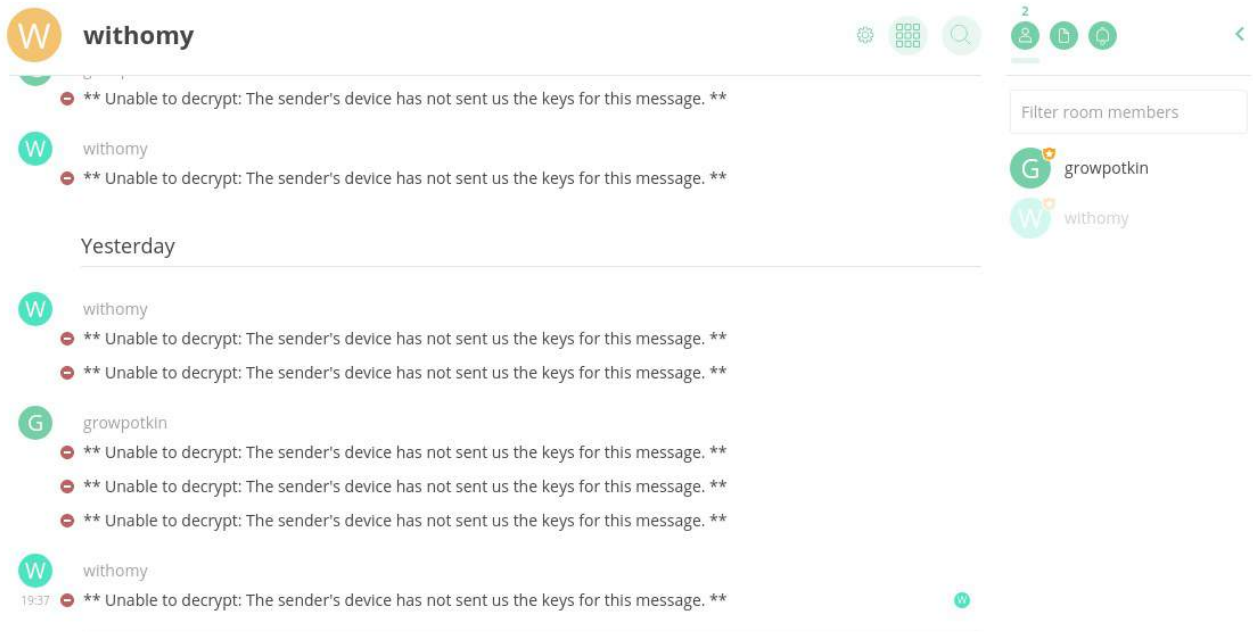
Chat



3. Fill in the username you want to connect, click the name if necessary.



4. You are now connected with the user! First you must verify the keys with the user. Click on the user icon to drop down the options.



5. You should exchange your device and key ID with the user to manually verify the fingerprint. Once done you can click verify. You should see the lock sign instead of warning sign if verified. To unverify click it again.



Import / Export Keys

1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys

Settings



VOIP

☐ Disable Peer-to-Peer for 1:1 calls

Missing Media Permissions, [click here to request](#).

DEVICES

Device ID	Device Name	Last seen	
KXXBNSPHOT	https://chat.disroot.org/ via IE on Windows		Delete
			Delete
			Delete
			Delete

CRYPTOGRAPHY

Device ID: KXXBNSPHOT
Device key: WPQh MLN/ fhHf z/Qn ch9T lhvG 70RU f+Tn xjlf /GSQ JQ0

Export E2E room keys

Import E2E room keys

- Click **Export E2E Room Keys**. A prompt will pop up. Fill in the password and click **Export**. Your keys will be downloaded as **riot-keys.txt**

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

- To Import click **Import E2E Room Keys**. Fill in the password and select the key file.

DEVICE ID: [XXXXXXXXXX]

✕

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

Choose File No file chosen

Enter passphrase

Import Cancel

Back to [Index \(index.md\)](#)

Guide To Using Matrix on Disroot



[Matrix \(https://matrix.org/\)](https://matrix.org/) is a decentralized and free software platform for secure conference call and messaging. The client for Matrix is [Riot \(https://riot.im/\)](https://riot.im/) which is available on both Android and iOS and [Disroot Riot Web client \(https://chat.disroot.org/\)](https://chat.disroot.org/).

This is a guide for Windows, Linux, MacOS and mobile.

[Create an Account \(user.md\)](#)

[Android/iOS \(mobile.md\)](#)

[Web Client \(web.md\)](#)


[Desktop \(desktop.md\)](#)

[Tips \(tips.md\)](#)

Install / Login

1. Install Riot [Android](https://play.google.com/store/apps/details?id=im.vector.alpha) (<https://play.google.com/store/apps/details?id=im.vector.alpha>) | [iOS](https://itunes.apple.com/us/app/vector.im/id1083446067) (<https://itunes.apple.com/us/app/vector.im/id1083446067>) | [F-Droid](https://f-droid.org/packages/im.vector.alpha/) (<https://f-droid.org/packages/im.vector.alpha/>)
2. Fill in username and password ([Guide to create account \(user.md\)](#)), then check **Use custom server options (advanced)**

6:30 PM



growpotkin

or

Phone number

.....

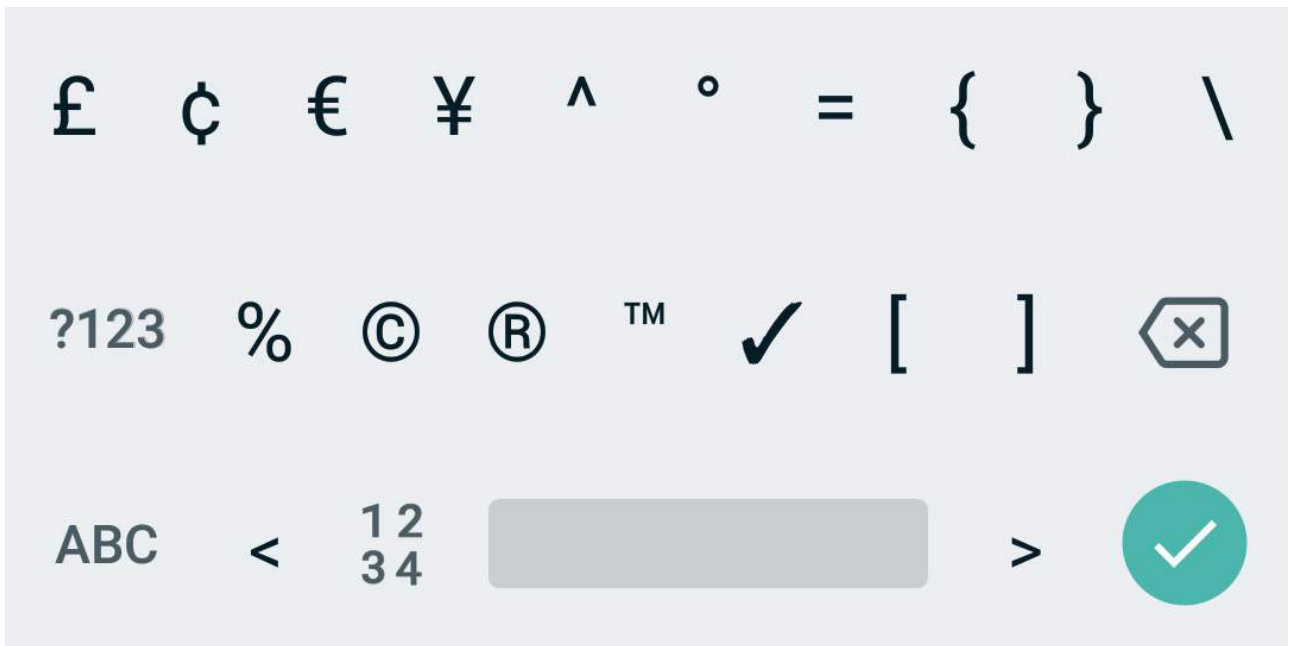
☒ Use custom server options (advanced)

Home Server:

REGISTER

LOG IN

~`|•√π÷×¶Δ



3. Scroll down and fill in (<https://disroot.org> Not *matrix.disroot.org*):

6:30 PM

.....

☒ Use custom server options (advanced)

Home Server:

https://disroot.org ←

Identity Server:

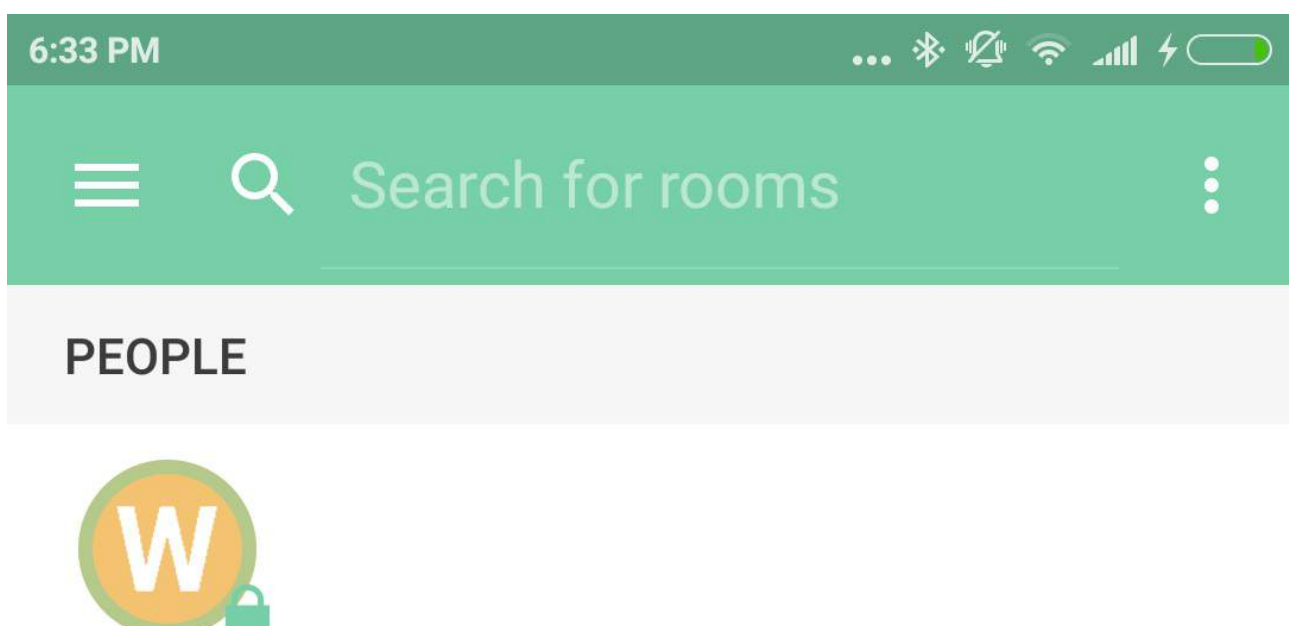
https://matrix.org ←

Forgot password?

REGISTER

LOG IN

4. This is how the user page look like



ROOMS



gin



Add User

1. Click the *Plus Circle at the right bottom*, click **Start Chat**
2. Enter username you want to search, click the Plus to add user to chat



@withomy

Invite by ID

LOCAL CONTACTS (0)



Matrix users only

USER DIRECTORY (1)

**withomy**

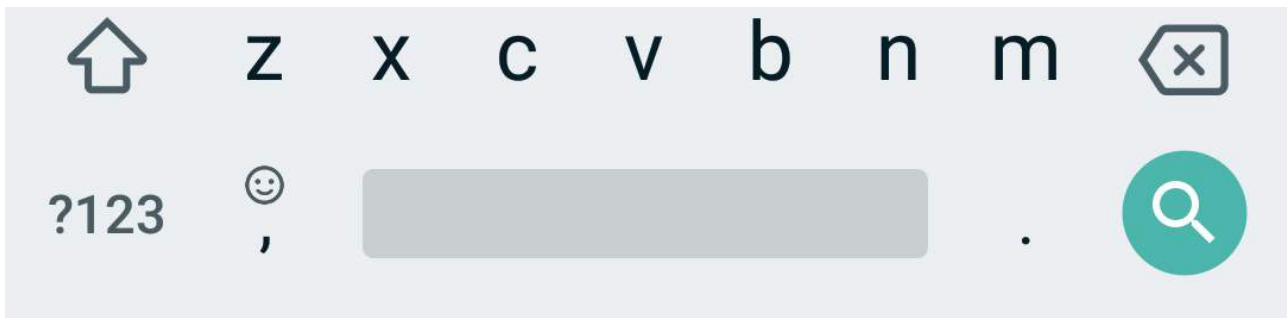
Online now



1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

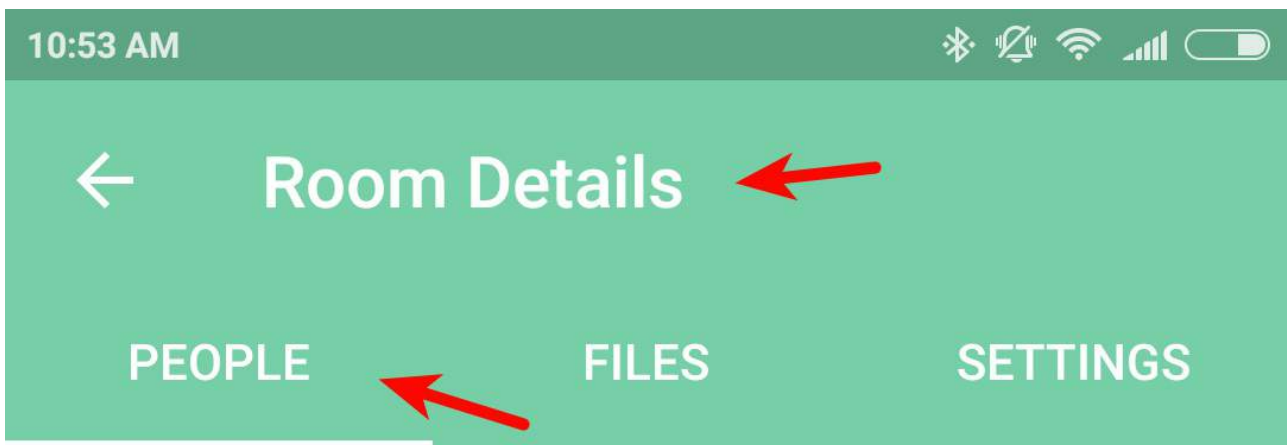
a s d f g h j k l



Verify Fingerprint

To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should also verify the **device key**

1. In the room, select the option then **Room Details**



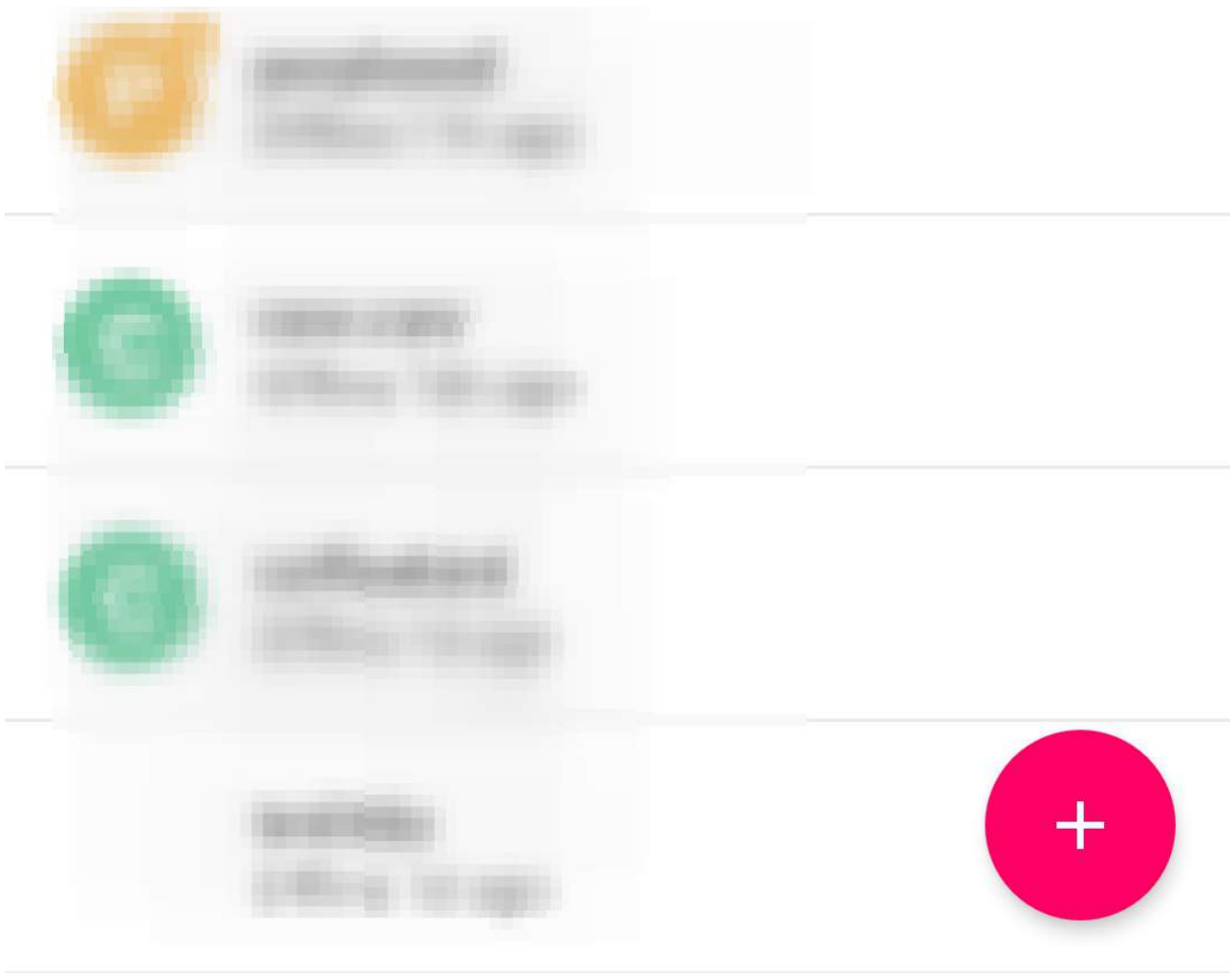
Filter room members

JOINED

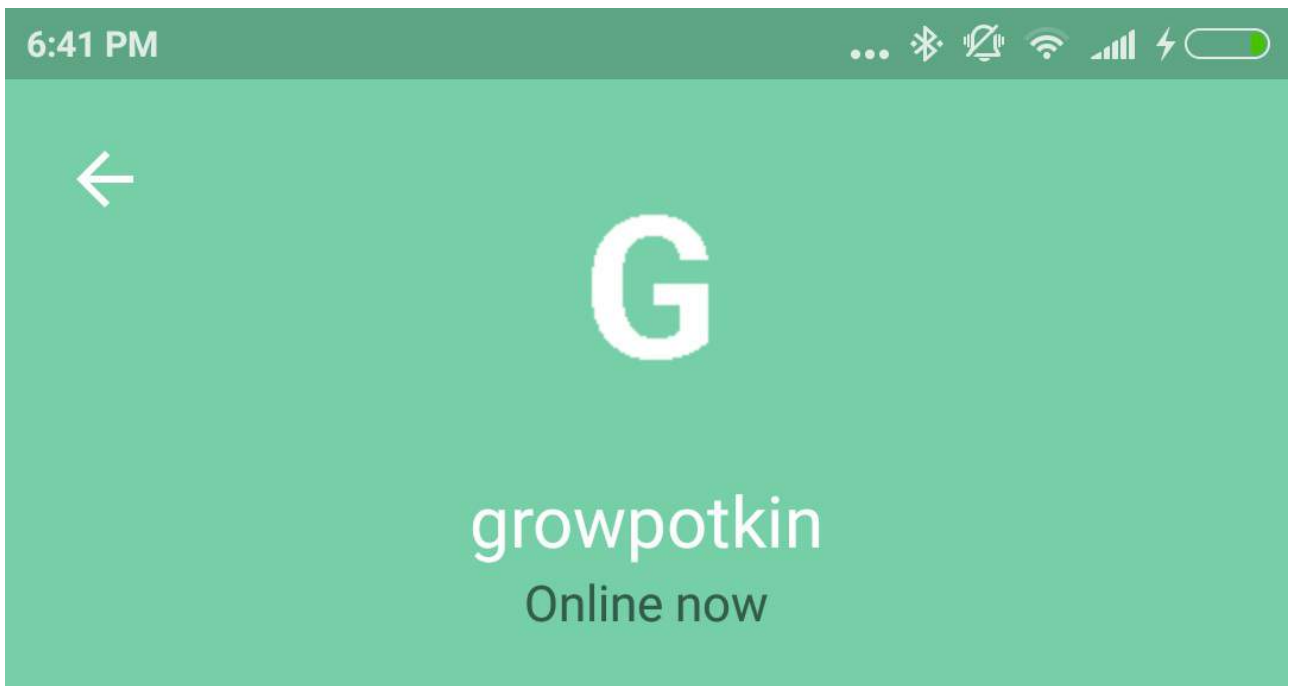


growpotkin
Online now





2. Click on **Show Device List**



Leave this room

DEVICES



Show Device List



DIRECT CHATS



Start New Chat

3. When you are sure the person had the **correct device ID and Key**, click **Verify**

DEVICES

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click **Verify That The Keys Match**

Verify device

To verify that this device can be trusted, please contact its owner using some other means (e.g. in person or a phone call) and ask them whether the key they see in their User Settings for this device matches the key below:

Device name

<https://chat.disroot.org/> via

Device ID

QIOYCSNJGT

Device key

[REDACTED]

If it matches, press the verify button below. If it doesn't, then someone else is intercepting this device and you probably want to press the block button instead.

In future this verification process will be more sophisticated.

I VERIFY THAT THE KEYS MATCH

CANCEL

5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.

DEVICES

https://chat.disroot.org/ via [REDACTED]
QIOYCSNJGT

Unverify

Blacklist

Import / Export Room Key

Every time you log out or sign in, the room will generate new key, meaning *you will not be able to read message from previous session* **unless you have the E2E room key.**

1. You can export the E2E key by go to **Settings**. Click **Export E2E room keys**

11:04 AM



Settings

Use native camera

Cryptography

Device name

Mobile

Device ID

[REDACTED]

Device key

[REDACTED]

Export E2E room keys

Export the keys to a local file

Import E2E room keys

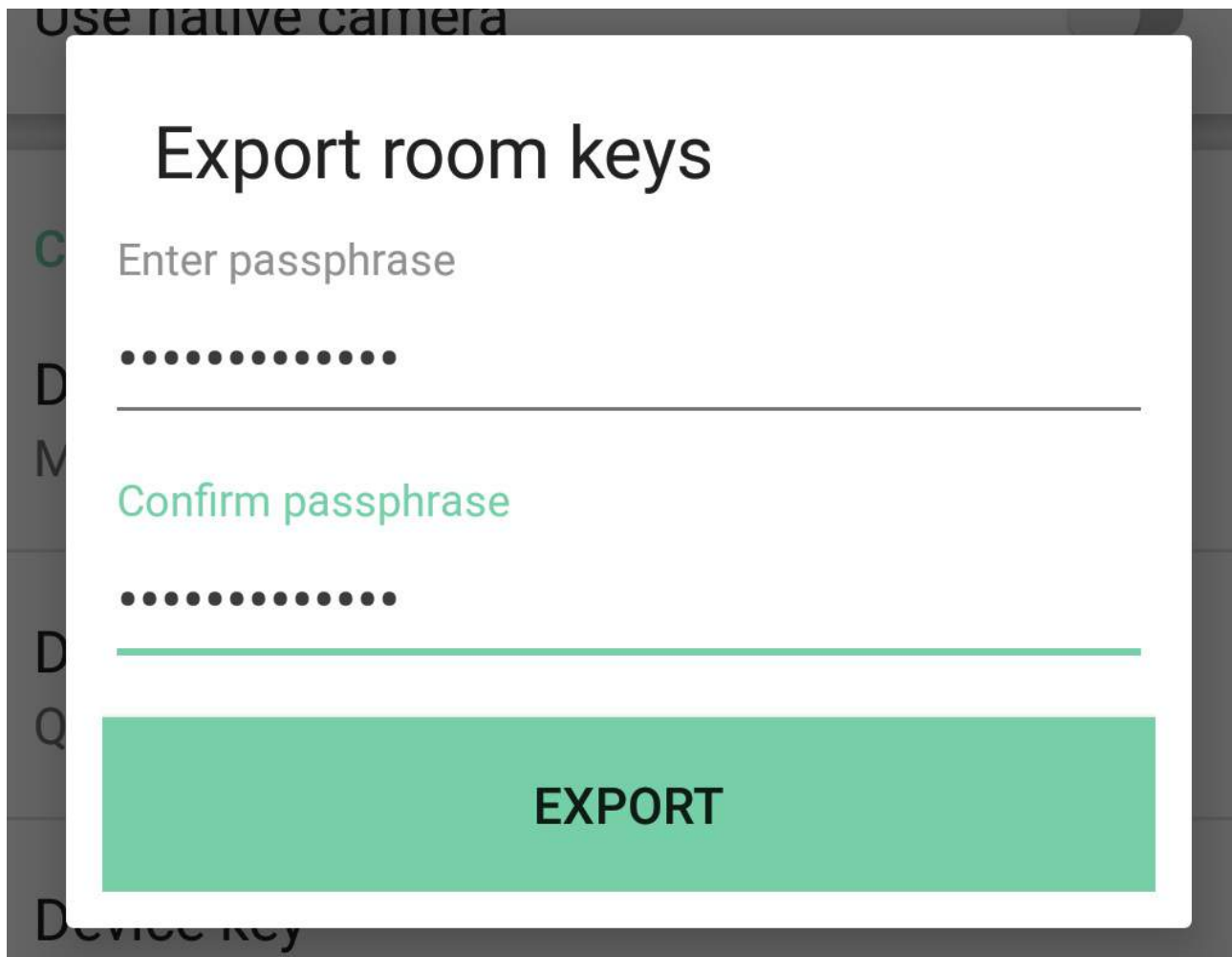
Import the keys from a local file

Encrypt to verified devices only

Never send encrypted messages to unverified devices from this device



-
2. Fill in your password and click **Export**. It will download your key into Downloads folder with name **riot-keys.txt**



3. To import, the steps are the same. Click **Import E2E room keys**, fill out the password and select location of **riot-keys.txt**

To see [tips and troubleshooting \(tips.md\)](#)

Back to [Index \(index.md\)](#)

Tips and precautions

- **Always manually confirm keys and device IDs with the user before you verify them**
- **Remember to export** and back up your E2E Room Keys!
- *You do not need an email to sign up for Disroot and Matrix!*
- Riot logs your user IPs! Always use a VPN or Tor with them!

Changelogs

Version 1.0 - guide created

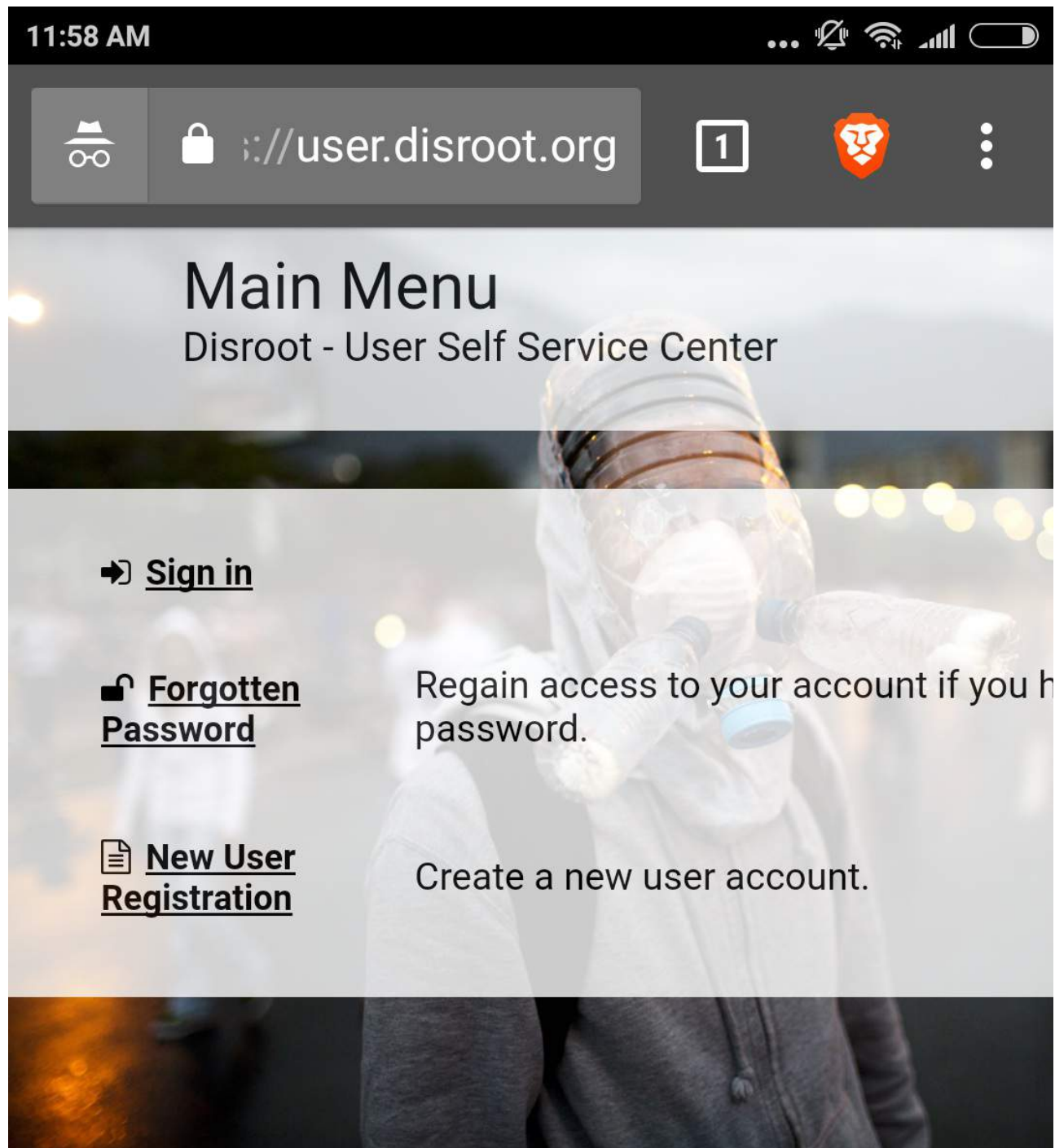
Version 1.1 [sometime in future] - Add Riot over Tor guide.

Create Disroot User Account

This section will guide you through creating an account on Disroot.


Note: You do not need an email to register for Disroot account. You should create a username that is easily identifiable by the members in the chat


1. [Go through here \(https://user.disroot.org/pwn-disroot/public/\)](https://user.disroot.org/pwn-disroot/public/). Note: There are timeout limit on the page if there is no interection. Click **New User Registration**




Idle Timeout: 4 minutes •  [English](#)


11:58 AM



 <https://user.disroot.org>

1







Verification


Disroot - User Self Service Center


Please complete the verification process. This process helps protect your account from abuse.



I'm not a robot

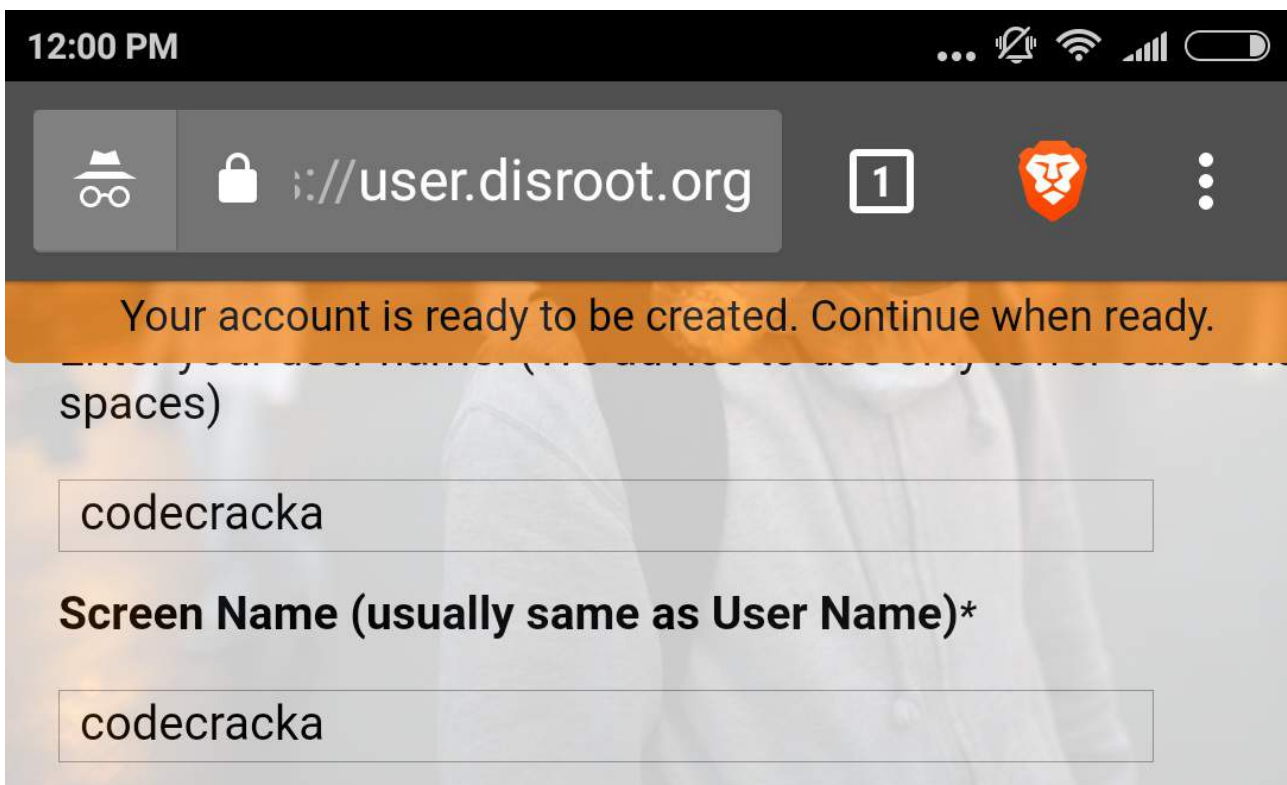

reCAPTCHA
Privacy

 Verify






 Cancel

Idle Timeout: 4 minutes •  [English](#)

2. Fill out username and password. Click **Continue**



12:00 PM

  https://user.disroot.org   

Your account is ready to be created. Continue when ready.

Username (no spaces)

codecracka

Screen Name (usually same as User Name)*

codecracka

New Password*

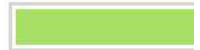
Please follow the below password rules

- Password is case sensitive.
- **Must be at least 8 characters long.**
- Password cannot be longer than 64 characters
- **Password must use ASCII (latin) characters!**(dont use specific characters)
- You may use any special character
- You may use numbers in your password
- Must not include any of the following values: pass
- Must not include part of your name or username.
- Must not include a common word or commonly used characters.

.....



Strength: 0



.....

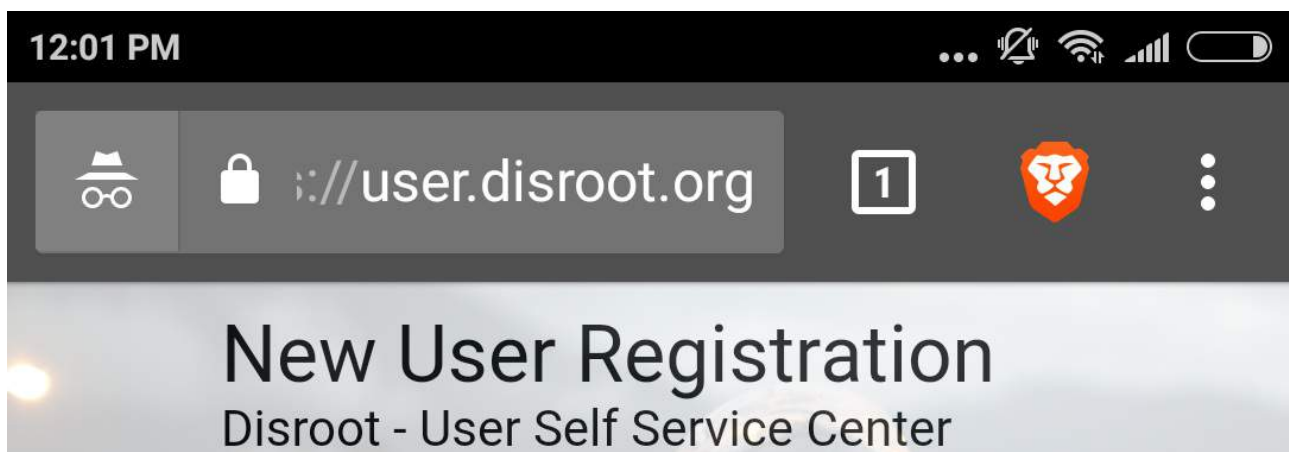


Continue



Cancel

3. Read the TOS (if you wish), check **I Agree** and click **Continue**



Terms Of Service

By using any of the services provided by disroot to the following TERMS OF USE. **TOS v1.0** By using services provided by disroot.org you agree to these conditions. These conditions can be changed at any time with notice. However we highly evaluate transparency best to make sure users are notified as soon as any major changes via email, Diaspora* network announcement forum, minor changes will most likely be published on the announcement forum. Disroot is a community of people who share server resources, collaborate and use services together. It is important that everyone understands it and feels equally responsible for it. Please keep to the following guidelines so we all get the best experience.

Space limits on disk:

Resources are scarce. Keep in mind keeping unnecessary files and emails might limit server space, which can be used for accounts served to others. Don't litter! Accounts on disroot.org do not expire unused accounts. The



I Agree



Continue



Go Back

4. Fill out the security questions and answers. click **Continue**



used to access your account, be sure to supply answers that others to guess or discover.

Your answers meet the requirements. Click Save Answers when

What is left unity

Question:



.....



What is the name of the main character in your favorite ▾



.....



Who is your favorite author? ▾



.....|

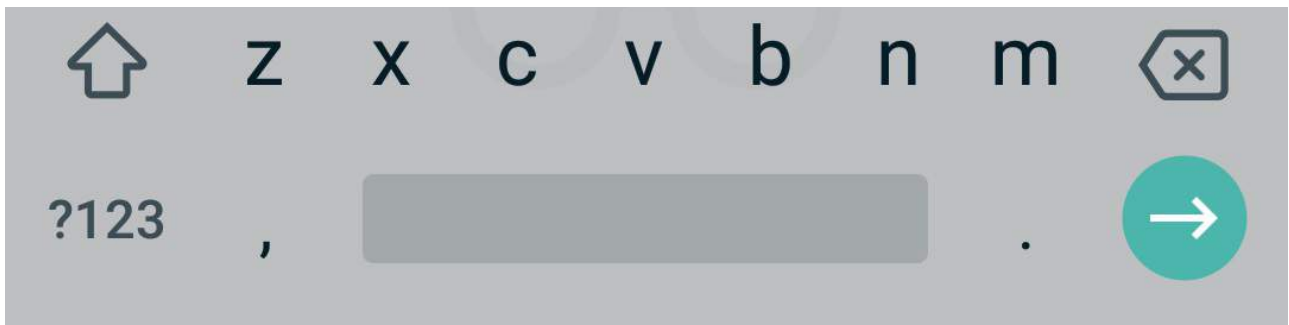


▶▶ Save Answers

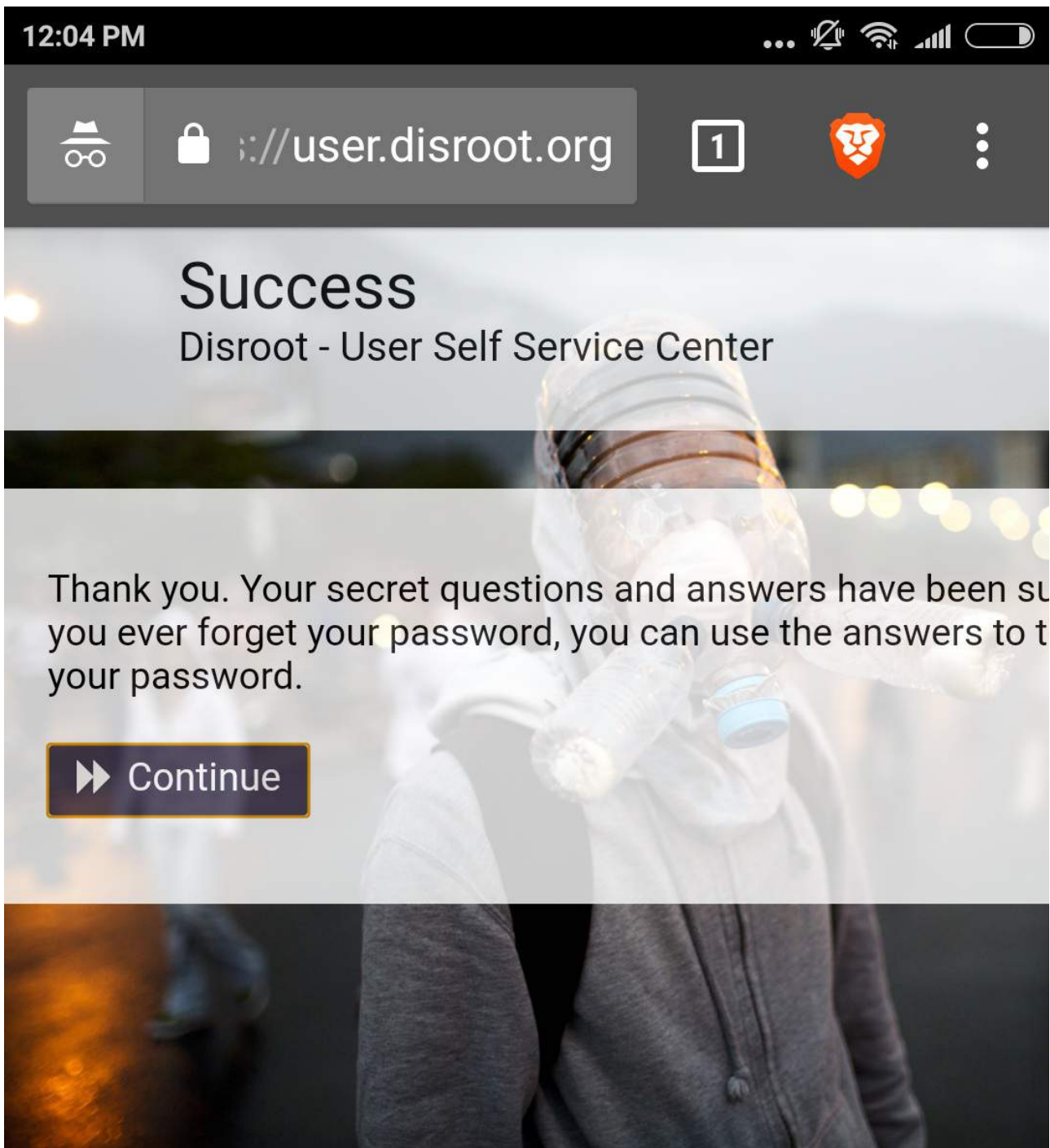
1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

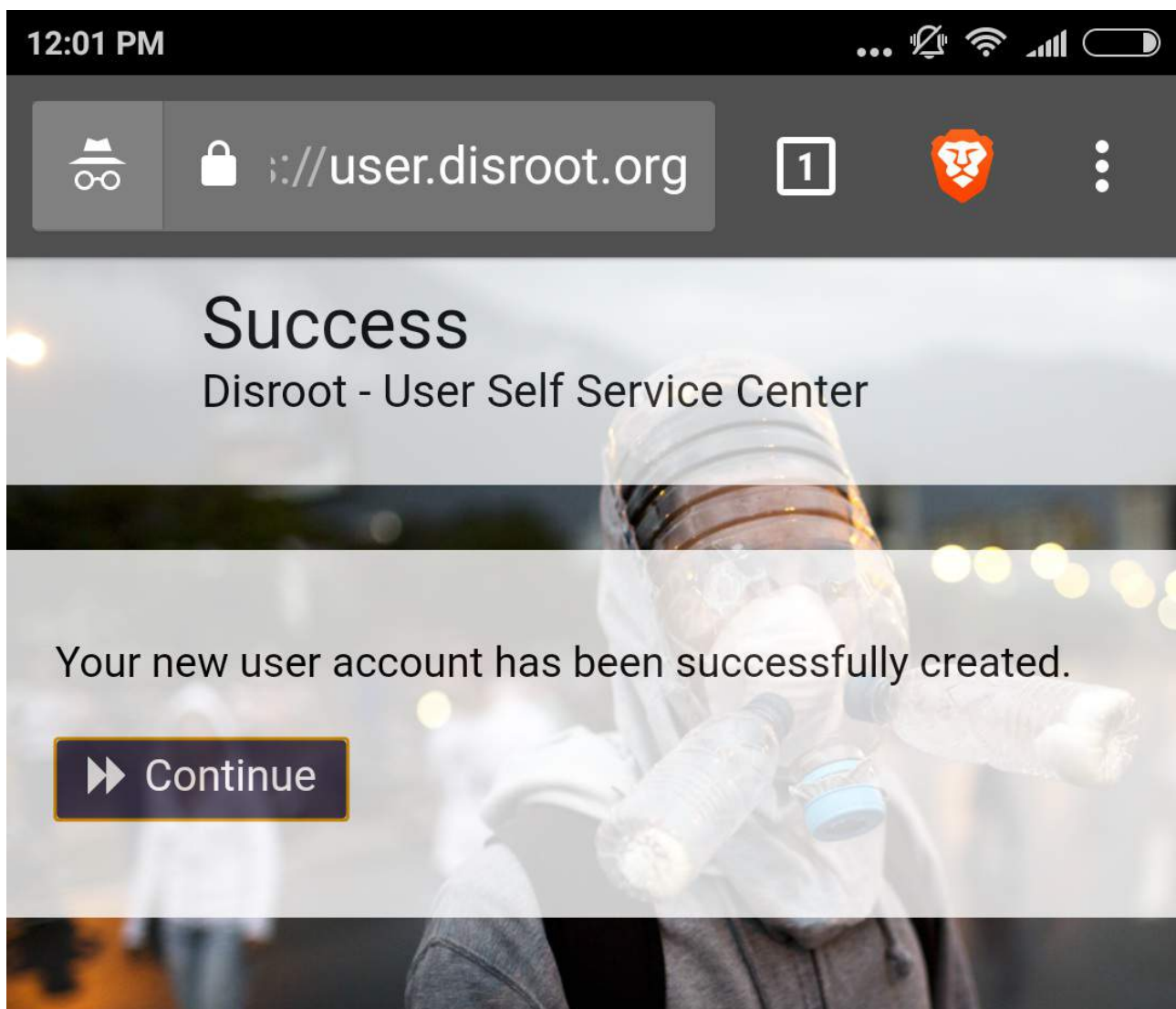


5. it will prompt you this. Click **Continue**



codecracka • Idle Timeout: 4 minutes •  [Eng](#)

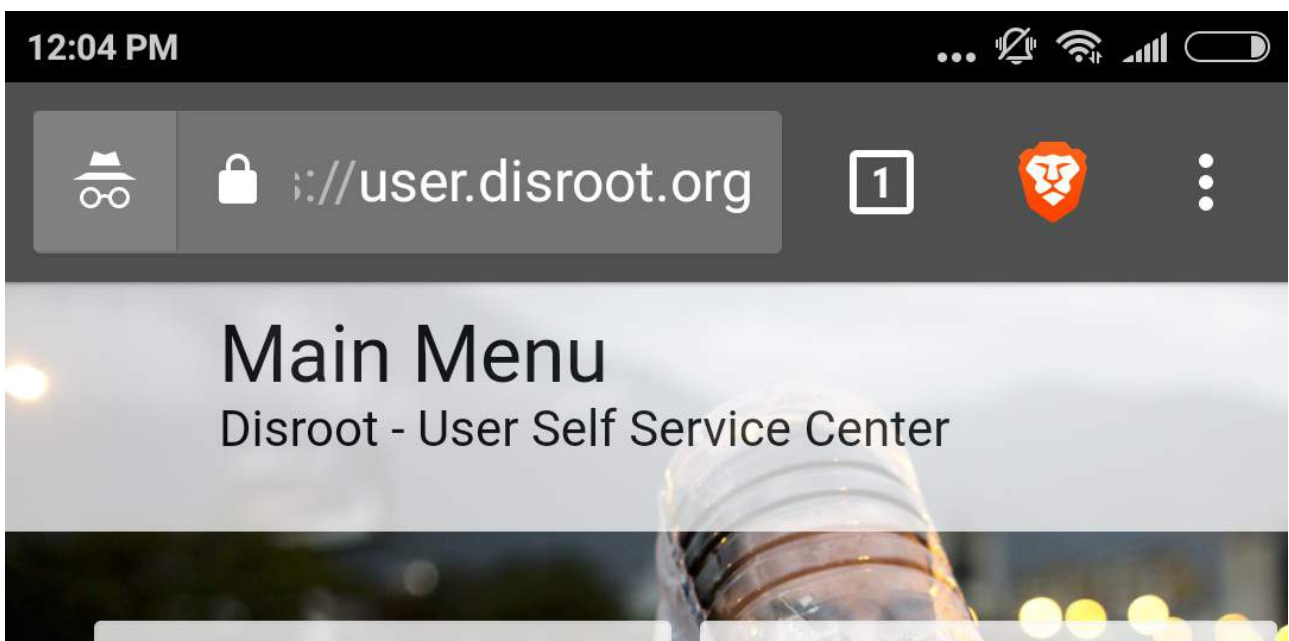
6. Congrats! your user account is created! Click **Continue**





codecracka • Idle Timeout: 4 minutes •  [Eng](#)

7. This is your user page! You can now proceed to the [Riot App \(mobile.md\)](#), [Web client \(web.md\)](#) or [Desktop \(desktop.md\)](#) to login!





Change Password

Change your current password.



Setup Security Questions

Security questions and answers allow you to recover a forgotten password.



Disroot Apps

Personalized shortcuts.



My Account

Information about your password and password policies.

Back to [Index \(index.md\)](https://index.md)

Riot Web Client

Login

[Proceed to here \(user.md\)](#) if you haven't created an account.

*Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint.
It is important to back up your E2E Room Key every time you log out*

1. Go to <https://chat.disroot.org> (<https://chat.disroot.org>) and fill out your created username & password



Sign in

Sign in with

disroot.org Matrix ID ▼

growpotkin|

.....

[Forgot your password?](#)

Sign in

☒ Default server ☐ Custom server

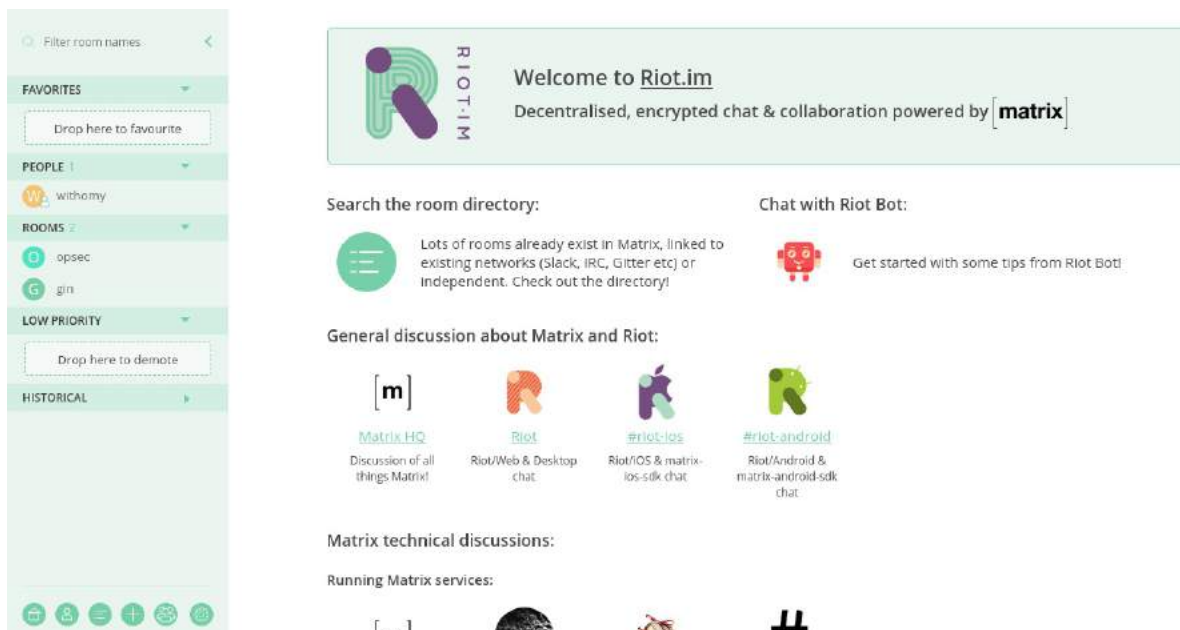
[Create an account](#)

[Login as guest](#)

English (US) ▼

[blog](#) · [twitter](#) · [github](#) · [powered by Matrix](#)

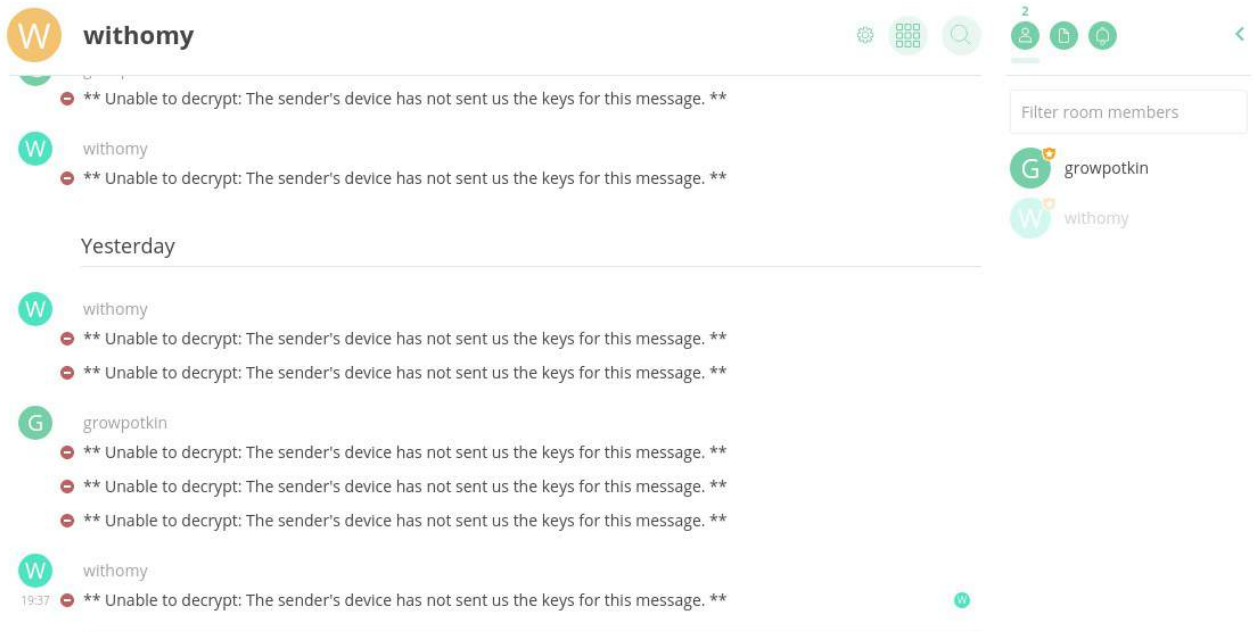
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat**



3. Fill in the username you want to connect, click the name if necessary.



4. You are now connected with the user! First you must verify the keys with the user. Click on the user icon to drop down the options.



5. You should exchange your device and key ID with the user to manually verify the fingerprint. Once done you can click verify. You should see the lock sign instead of warning sign if verified. To unverify click it again.



Import / Export Keys

1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys

Settings



VOIP

☐ Disable Peer-to-Peer for 1:1 calls

Missing Media Permissions, [click here to request](#).

DEVICES

Device ID	Device Name	Last seen	
KXXBNSPHOT	https://chat.disroot.org/ via IE on Windows		Delete
			Delete
			Delete
			Delete

CRYPTOGRAPHY

Device ID: KXXBNSPHOT
Device key: WPQh MLN/ fhHf z/Qn ch9T lhvG 70RU f+Tn xjlf /GSQ JQ0

Export E2E room keys

Import E2E room keys

- Click **Export E2E Room Keys**. A prompt will pop up. Fill in the password and click **Export**. Your keys will be downloaded as **riot-keys.txt**

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

- To Import click **Import E2E Room Keys**. Fill in the password and select the key file.

DEVICE ID: [XXXXXXXXXX]



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

Choose File

No file chosen

Enter passphrase

Import

Cancel

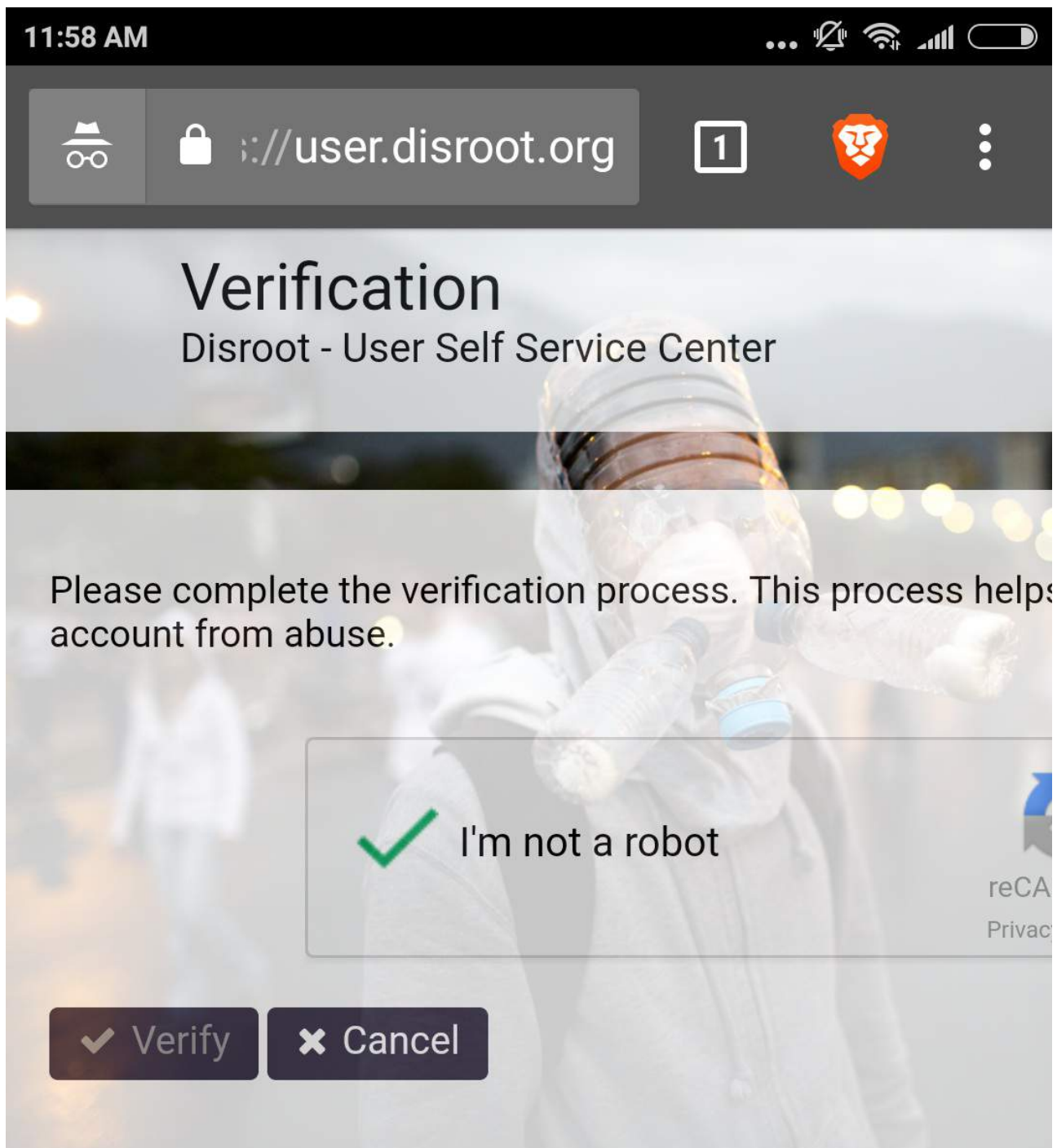
Back to [Index \(index.md\)](#)

Create Disroot User Account

This section will guide you through creating an account on Disroot.

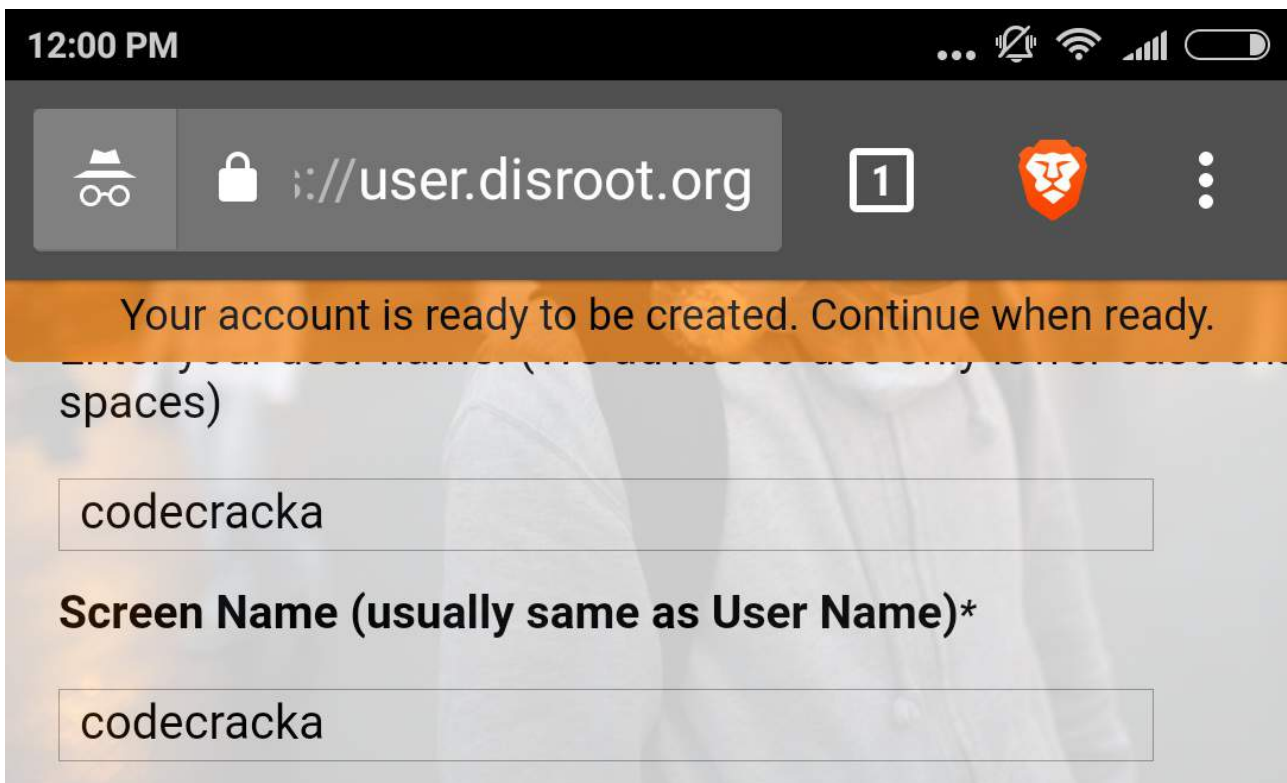
Note: You do not need an email to register for Disroot account. You should create a username that is easily identifiable by the members in the chat

1. [Go through here \(https://user.disroot.org/pwn-disroot/public/\)](https://user.disroot.org/pwn-disroot/public/). Note: There are timeout limit on the page if there is no interection. Click **New User Registration**








Idle Timeout: 4 minutes •  [English](#)

2. Fill out username and password. Click **Continue**



12:00 PM

  <https://user.disroot.org>   

Your account is ready to be created. Continue when ready.

spaces)

Screen Name (usually same as User Name)*

New Password*

Please follow the below password rules

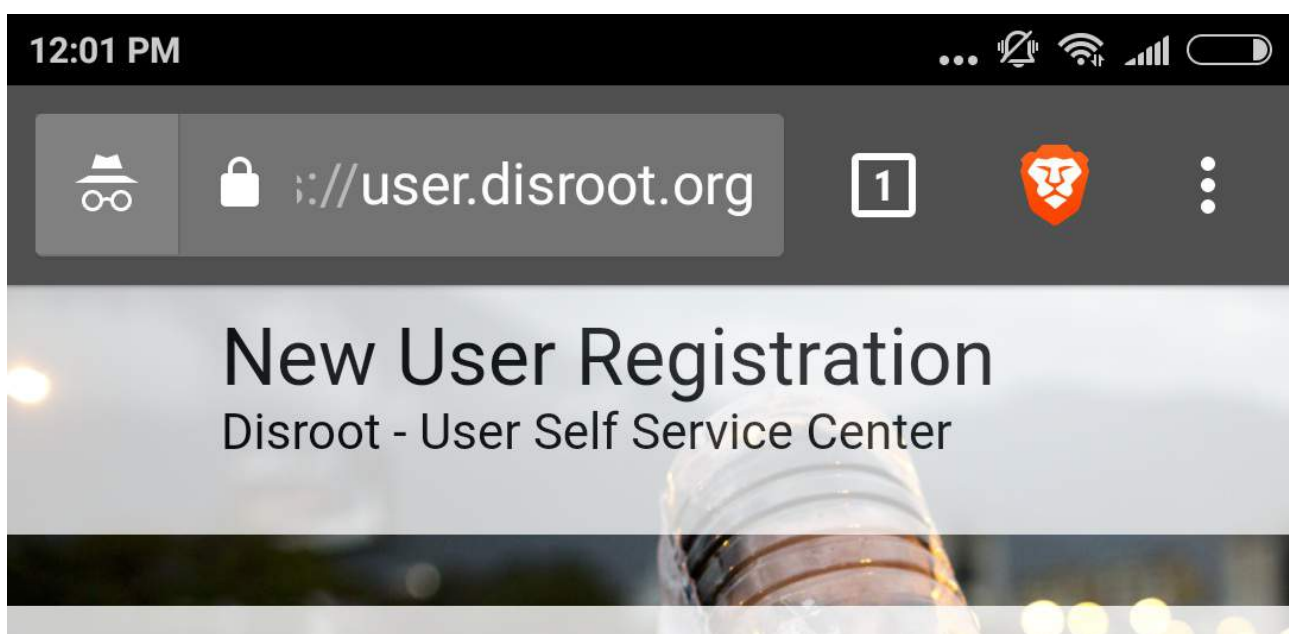
o Password is case sensitive

- o Password is case sensitive.
- o **Must be at least 8 characters long.**
- o Password cannot be longer than 64 characters
- o **Password must use ASCII (latin) characters!**(dont use specific characters)
- o You may use any special character
- o You may use numbers in your password
- o Must not include any of the following values: pass
- o Must not include part of your name or username.
- o Must not include a common word or commonly used characters.

Strength: 

3. Read the TOS (if you wish), check **I Agree** and click **Continue**



Terms Of Service

By using any of the services provided by disroot to the following TERMS OF USE. **TOS v1.0** By using services provided by disroot.org you agree to these conditions. These conditions can be changed at any time with notice. However we highly evaluate transparency best to make sure users are notified as soon as any major changes via email, Diaspora* network announcement forum, minor changes will most likely be published on the announcement forum. Disroot is a community of people who share server resources, collaborate and use services together. It is important that everyone understands it and feels equally responsible for keeping it to the following guidelines so we all get

Space limits on disk:

Resources are scarce. Keep in mind keeping unnecessary files and emails might limit server space, which can be used for accounts served to others. Don't litter! Accounts on disroot.org do not expire unused accounts. The



I Agree

▶▶ Continue

◀◀ Go Back

4. Fill out the security questions and answers. click **Continue**

12:03 PM



://user.disroot.org

1



used to access your account, be sure to supply answers that others to guess or discover.

Your answers meet the requirements. Click Save Answers when

What is left unity

Question:

.....

What is the name of the main character in your favorite ▾

.....

Who is your favorite author? ▾

.....|

▶▶ Save Answers

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ✕

?123



5. it will prompt you this. Click **Continue**

12:04 PM



://user.disroot.org

1



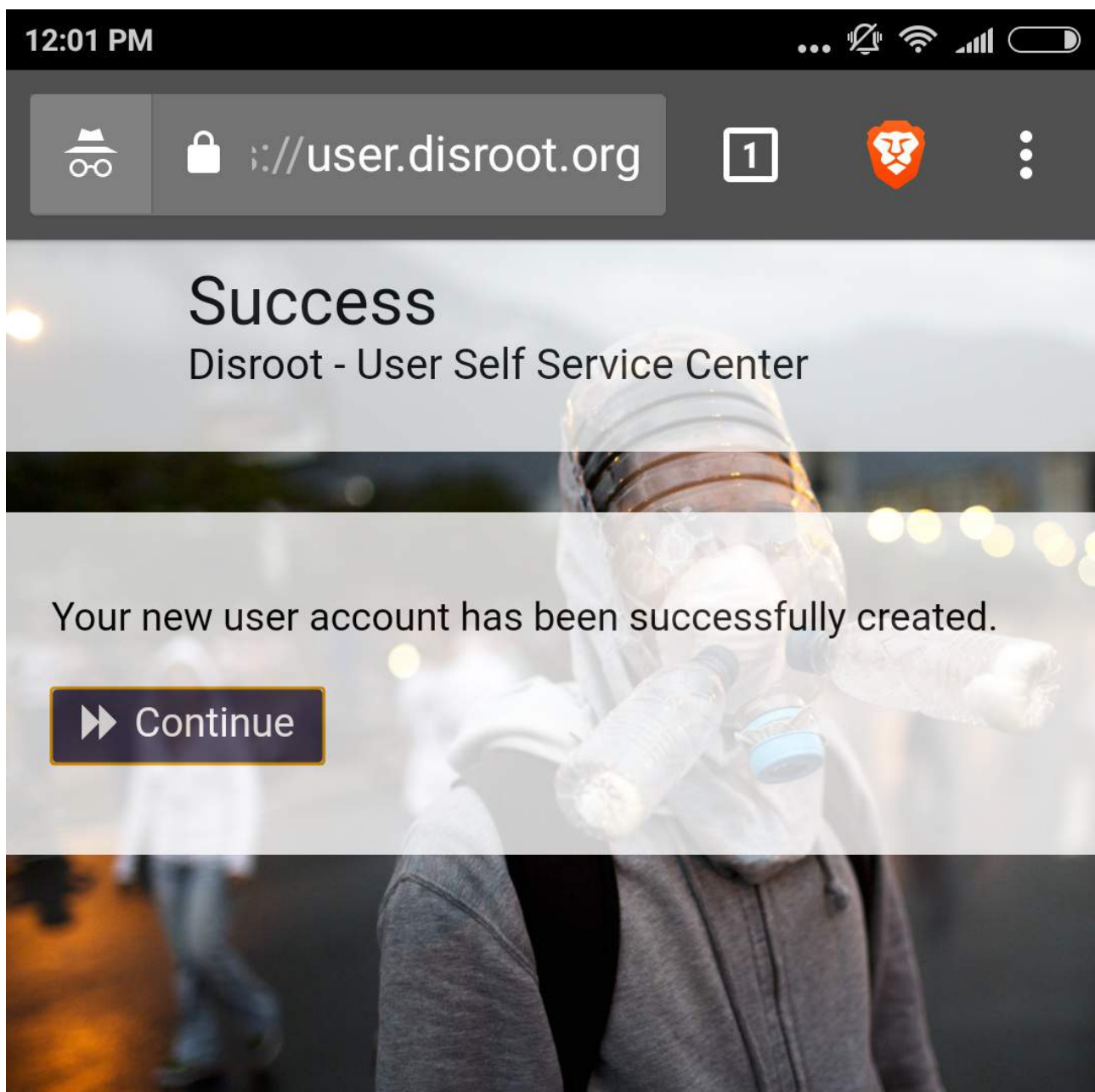
Success

Disroot - User Self Service Center

Thank you. Your secret questions and answers have been saved. If you ever forget your password, you can use the answers to reset your password.

▶▶ Continue

6. Congrats! your user account is created! Click **Continue**





codecracka • Idle Timeout: 4 minutes •  Eng

7. This is your user page! You can now proceed to the [Riot App \(mobile.md\)](#), [Web client \(web.md\)](#) or [Desktop \(desktop.md\)](#) to login!


Back to [Index \(index.md\)](#)

Install / Login

1. Install Riot [Android](https://play.google.com/store/apps/details?id=im.vector.alpha) (<https://play.google.com/store/apps/details?id=im.vector.alpha>) | [iOS](https://itunes.apple.com/us/app/vector.im/id1083446067) (<https://itunes.apple.com/us/app/vector.im/id1083446067>) | [F-Droid](https://f-droid.org/packages/im.vector.alpha/) (<https://f-droid.org/packages/im.vector.alpha/>)
2. Fill in username and password ([Guide to create account \(user.md\)](#)), then check **Use custom server options (advanced)**

6:30 PM

...



growpotkin

or

Phone number

.....

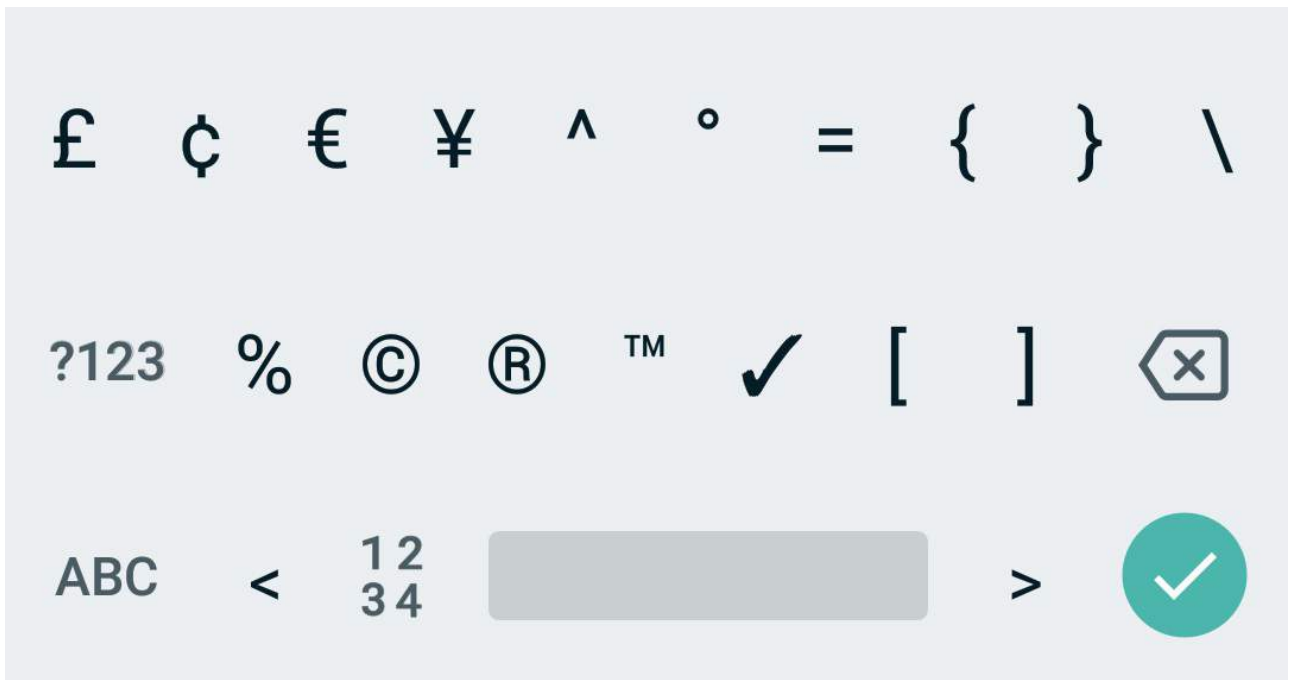
☒ Use custom server options (advanced)

Home Server:

REGISTER

LOG IN

~ ` | • √ π ÷ × ¶ Δ



3. Scroll down and fill in (<https://disroot.org> Not *matrix.disroot.org*):

6:30 PM

.....

☒ Use custom server options (advanced)

Home Server:

https://disroot.org ←

Identity Server:

https://matrix.org ←

Forgot password?

REGISTER


LOG IN

4. This is how the user page look like

6:33 PM

☰ 🔍 Search for rooms ⋮

PEOPLE



ROOMS



gin



Add User

1. Click the *Plus Circle at the right bottom*, click **Start Chat**
2. Enter username you want to search, click the Plus to add user to chat



@withomy

Invite by ID

LOCAL CONTACTS (0)



Matrix users only

USER DIRECTORY (1)

**withomy**

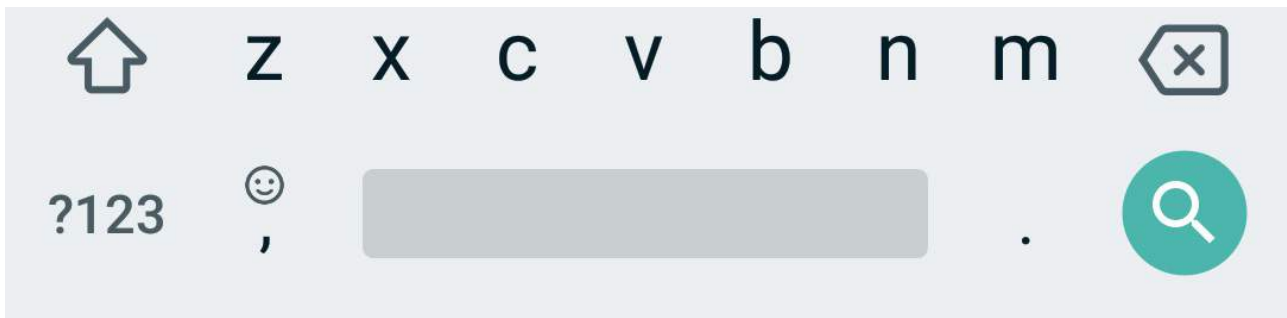
Online now



1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

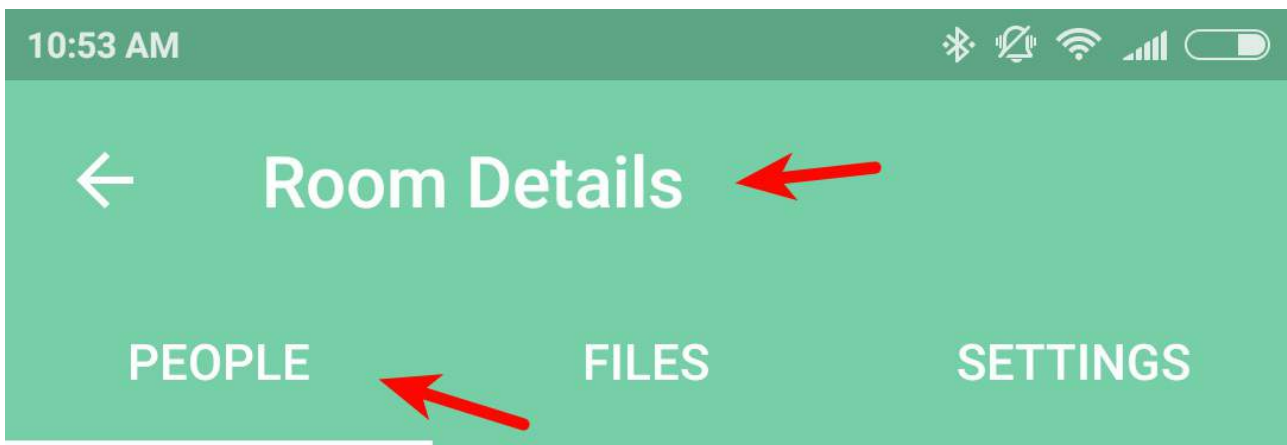
a s d f g h j k l



Verify Fingerprint

To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should also verify the **device key**

1. In the room, select the option then **Room Details**



Filter room members

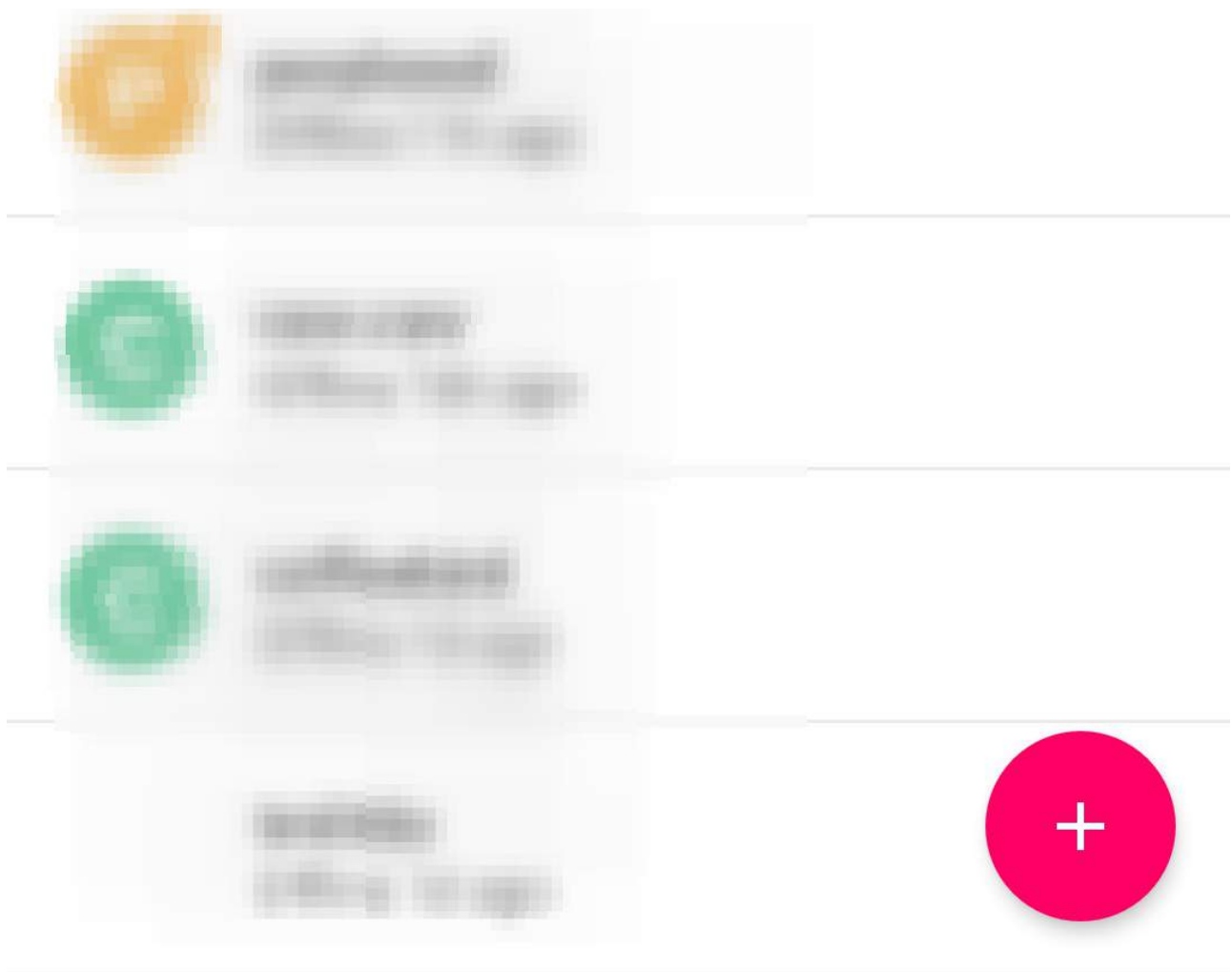
JOINED



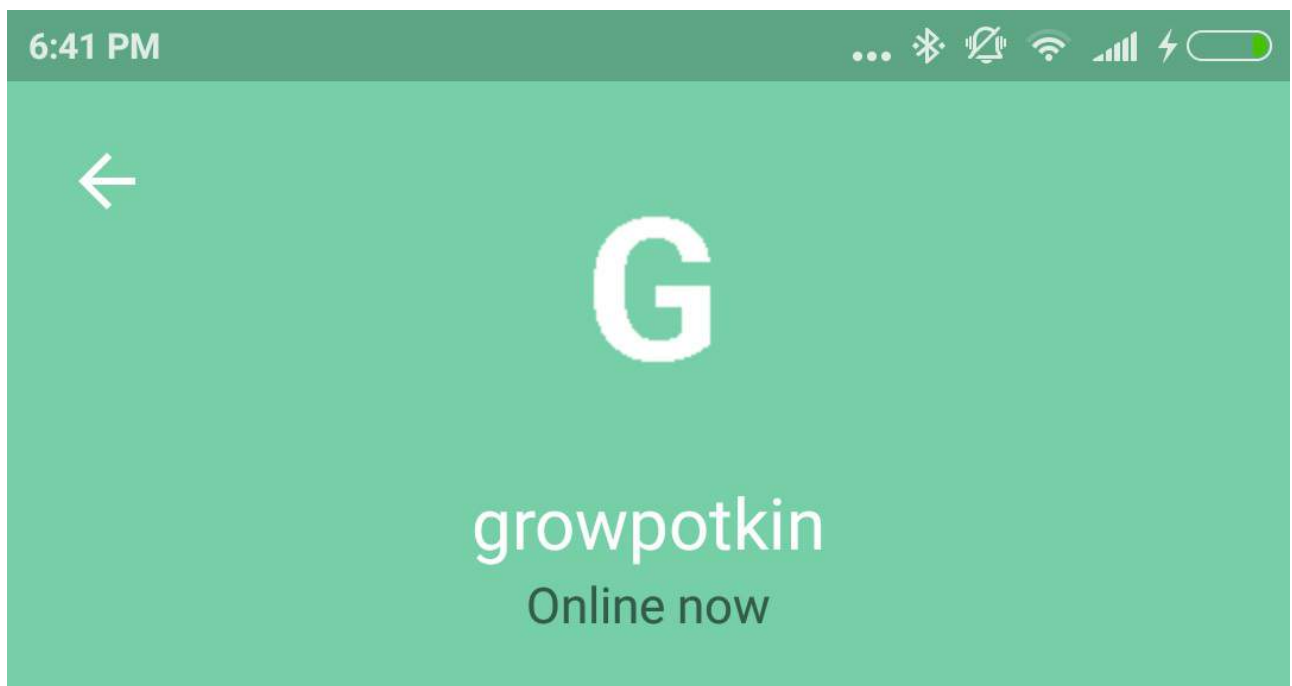
growpotkin
Online now



growpotkin
Online now



2. Click on **Show Device List**



Leave this room

DEVICES



Show Device List



DIRECT CHATS



Start New Chat

3. When you are sure the person had the **correct device ID and Key**, click **Verify**

DEVICES

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click **Verify That The Keys Match**

Verify device

To verify that this device can be trusted, please contact its owner using some other means (e.g. in person or a phone call) and ask them whether the key they see in their User Settings for this device matches the key below:

Device name

<https://chat.disroot.org/> via

Device ID

QIOYCSNJGT

Device key

[REDACTED]

If it matches, press the verify button below. If it doesn't, then someone else is intercepting this device and you probably want to press the block button instead.

In future this verification process will be more sophisticated.

I VERIFY THAT THE KEYS MATCH

CANCEL

5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.

DEVICES

https://chat.disroot.org/ via [REDACTED]
QIOYCSNJGT

Unverify

Blacklist

Import / Export Room Key

Every time you log out or sign in, the room will generate new key, meaning *you will not be able to read message from previous session* **unless you have the E2E room key.**

1. You can export the E2E key by go to **Settings**. Click **Export E2E room keys**

11:04 AM



Settings

Use native camera



Cryptography

Device name

Mobile

Device ID

[REDACTED]

Device key

[REDACTED]

Export E2E room keys

Export the keys to a local file

Import E2E room keys

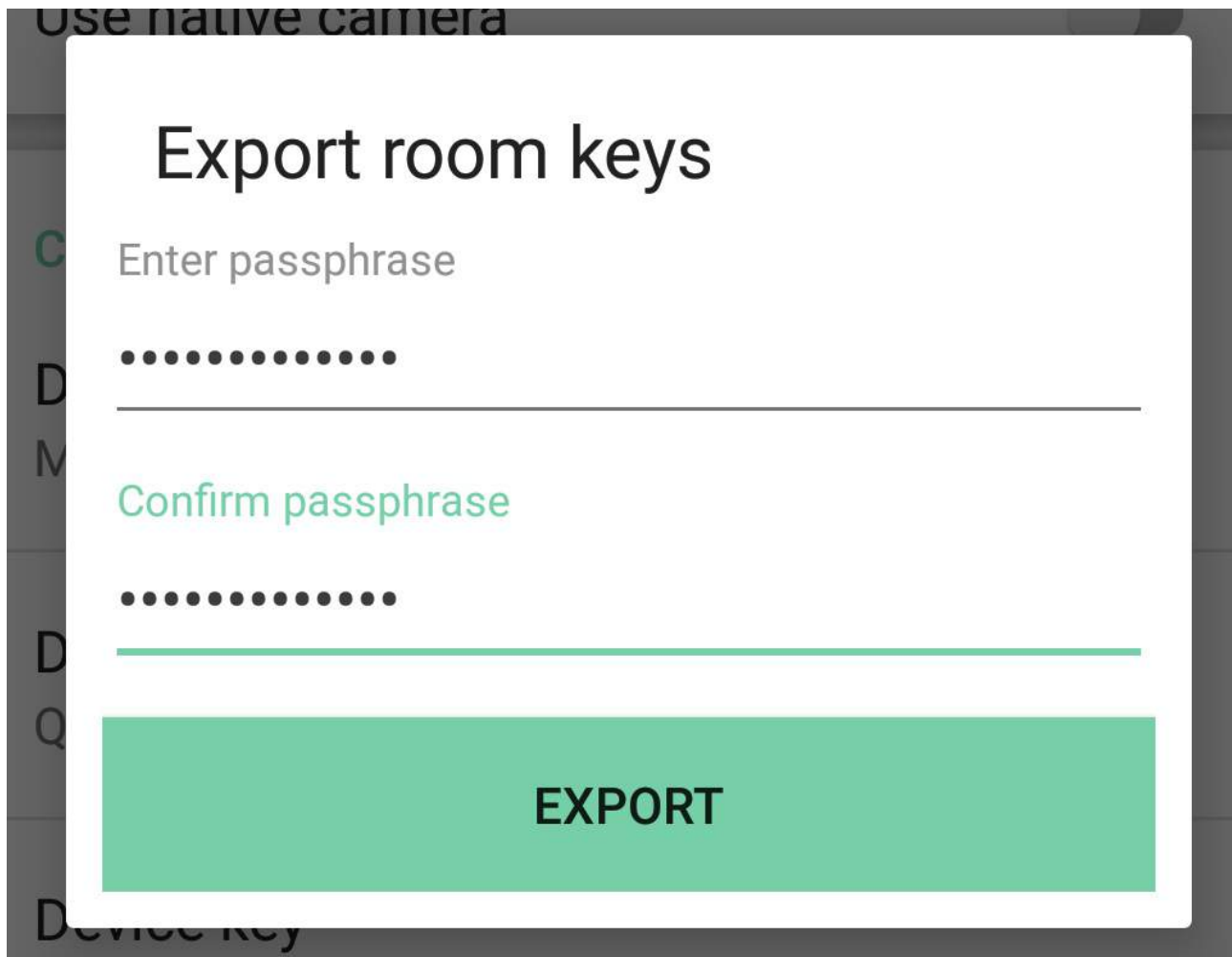
Import the keys from a local file

Encrypt to verified devices only

Never send encrypted messages to
unverified devices from this device



-
2. Fill in your password and click **Export**. It will download your key into Downloads folder with name **riot-keys.txt**



3. To import, the steps are the same. Click **Import E2E room keys**, fill out the password and select location of **riot-keys.txt**

To see [tips and troubleshooting \(tips.md\)](#)

Back to [Index \(index.md\)](#)

Riot Web Client

Login

[Proceed to here \(user.md\)](#) if you haven't created an account.

*Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint.
It is important to back up your E2E Room Key every time you log out*

1. Go to <https://chat.disroot.org> (<https://chat.disroot.org>) and fill out your created username & password



Sign in

Sign in with

disroot.org Matrix ID ▼

growpotkin|

.....

[Forgot your password?](#)

Sign in

☒ Default server ☐ Custom server

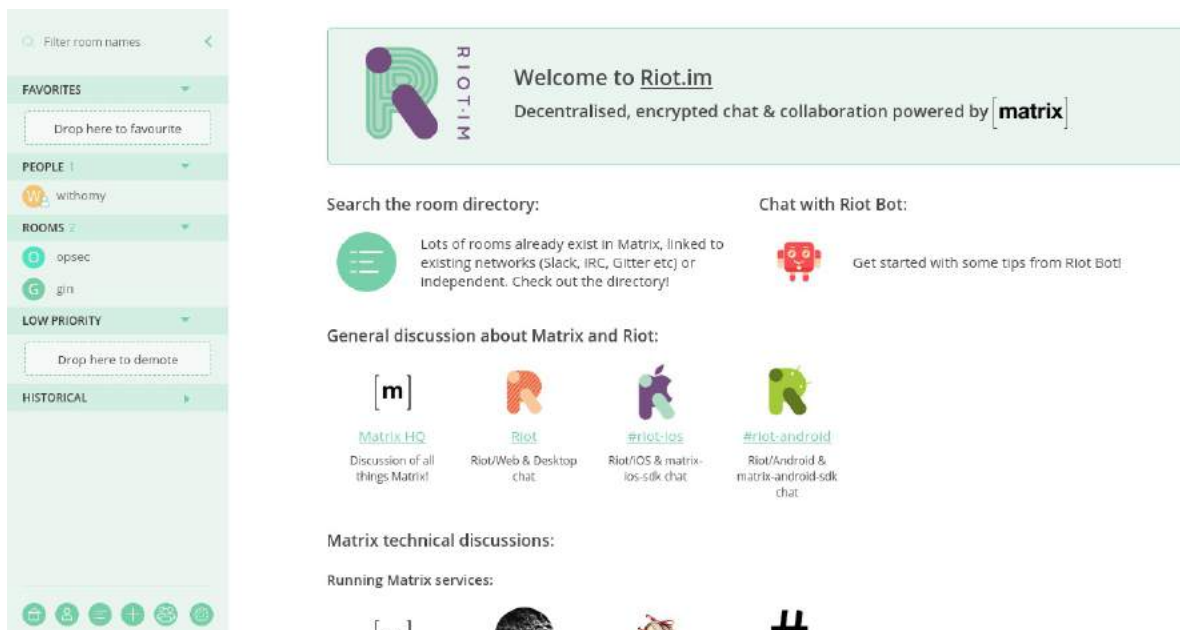
[Create an account](#)

[Login as guest](#)

English (US) ▼

[blog](#) · [twitter](#) · [github](#) · [powered by Matrix](#)

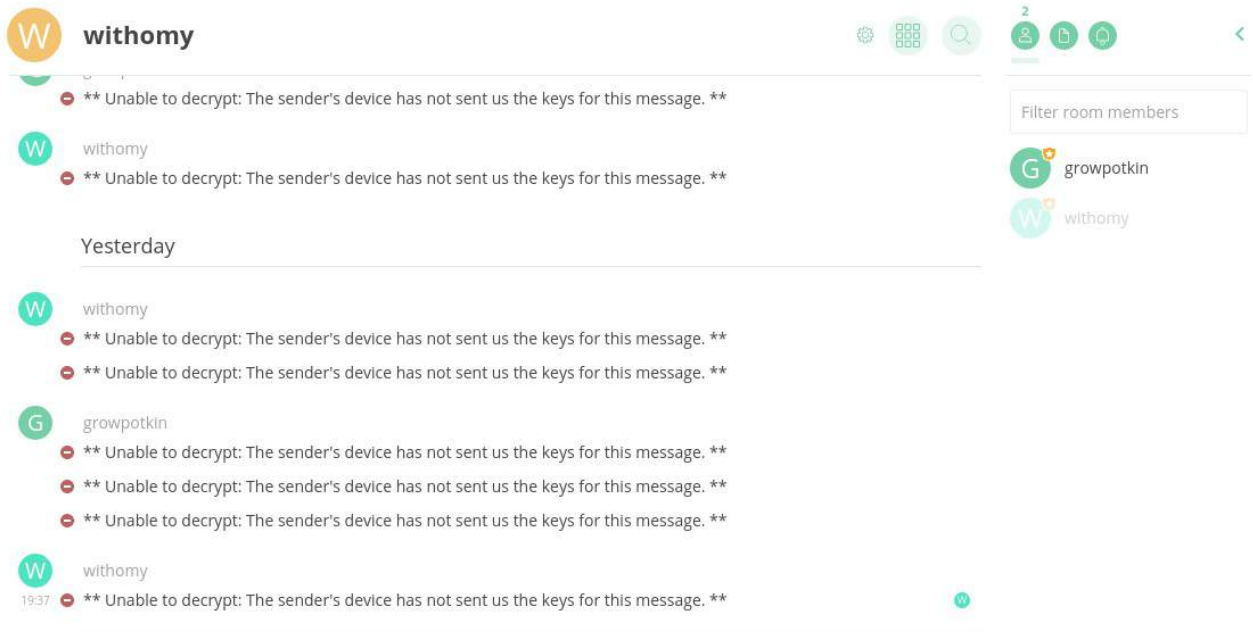
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat**



3. Fill in the username you want to connect, click the name if necessary.



4. You are now connected with the user! First you must verify the keys with the user. Click on the user icon to drop down the options.



5. You should exchange your device and key ID with the user to manually verify the fingerprint. Once done you can click verify. You should see the lock sign instead of warning sign if verified. To unverify click it again.



Import / Export Keys

1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys

Settings



VOIP

☐ Disable Peer-to-Peer for 1:1 calls

Missing Media Permissions, [click here to request](#).

DEVICES

Device ID	Device Name	Last seen	
KXXBNSPHOT	https://chat.disroot.org/ via IE on Windows		Delete
			Delete
			Delete
			Delete

CRYPTOGRAPHY

Device ID: KXXBNSPHOT
Device key: WPQh MLN/ fhHf z/Qn ch9T lhvG 70RU f+Tn xjlf /GSQ JQ0

Export E2E room keys

Import E2E room keys

- Click **Export E2E Room Keys**. A prompt will pop up. Fill in the password and click **Export**. Your keys will be downloaded as **riot-keys.txt**

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

- To Import click **Import E2E Room Keys**. Fill in the password and select the key file.

DEVICE ID: [XXXXXXXXXX]



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

Choose File

No file chosen

Enter passphrase

Import

Cancel

Back to [Index \(index.md\)](#)

Riot App Desktop Guide

[Proceed to here \(user.md\)](#) if you haven't created an account.

Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint. It is important to back up your E2E Room Key every time you log out

To install Riot app on [Windows / MacOS \(https://riot.im/desktop.html\)](https://riot.im/desktop.html), [Debian \(http://data.agaric.com/how-install-riot-desktop-matrix-client-debian-based-systems\)](http://data.agaric.com/how-install-riot-desktop-matrix-client-debian-based-systems) and [Build from Source \(https://github.com/vector-im/riot-web#running-as-a-desktop-app\)](https://github.com/vector-im/riot-web#running-as-a-desktop-app)

Login

1. To login, fill out username and password then custom server



Sign in

Sign in with

disroot.org Matrix ID ▼

growpotkin

[Forgot your password?](#)

Sign in

☐ Default server ☒ Custom server

Home server URL

https://disroot.org

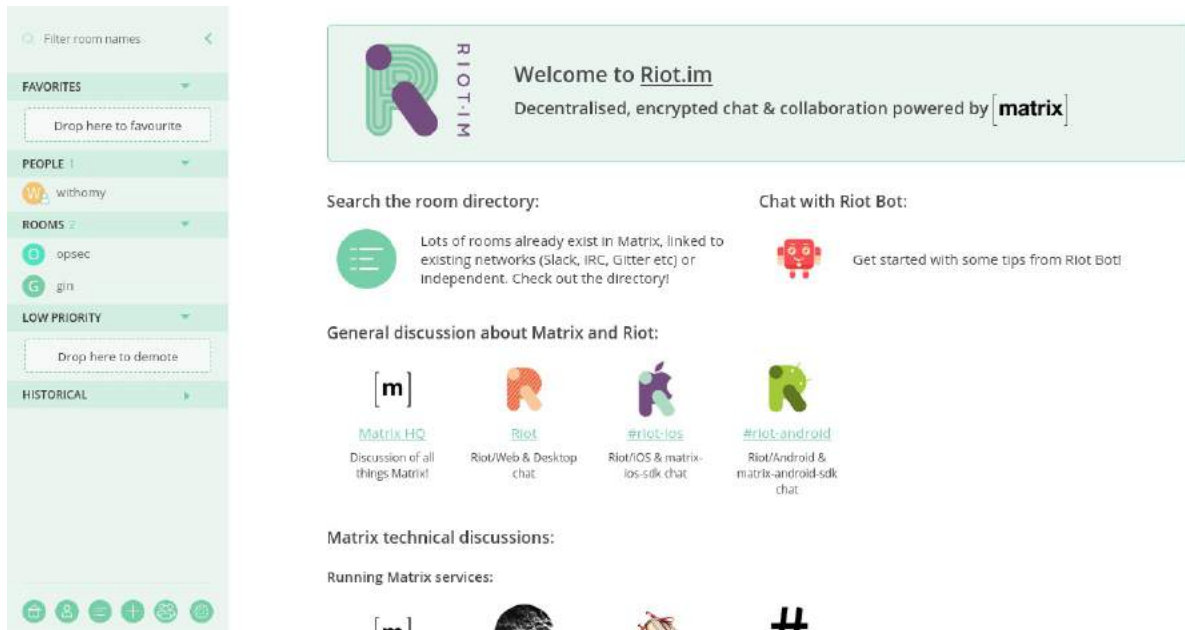
Identity server URL

https://matrix.org

[What does this mean?](#)

2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start**

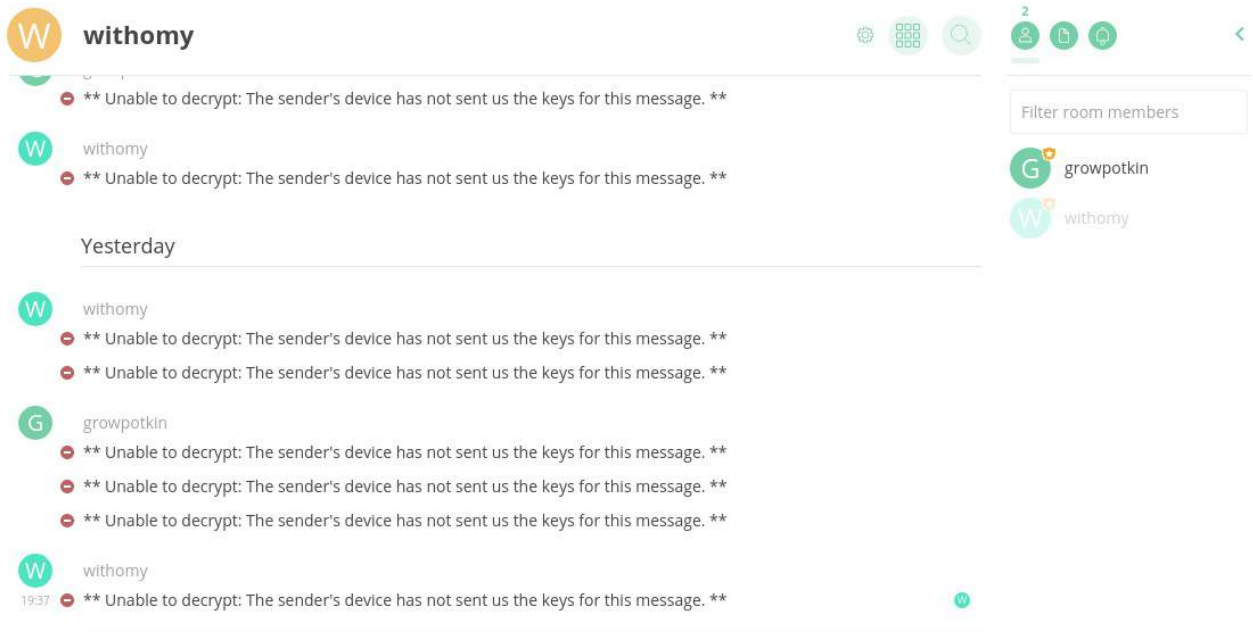
Chat



3. Fill in the username you want to connect, click the name if necessary.



4. You are now connected with the user! First you must verify the keys with the user. Click on the user icon to drop down the options.



5. You should exchange your device and key ID with the user to manually verify the fingerprint. Once done you can click verify. You should see the lock sign instead of warning sign if verified. To unverify click it again.



Import / Export Keys

1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys

Settings



VOIP

☐ Disable Peer-to-Peer for 1:1 calls

Missing Media Permissions, [click here to request](#).

DEVICES

Device ID	Device Name	Last seen	
KXXBNSPHOT	https://chat.disroot.org/ via IE on Windows		Delete
			Delete
			Delete
			Delete

CRYPTOGRAPHY

Device ID: KXXBNSPHOT
Device key: WPQh MLN/ fhHf z/Qn ch9T lhvG 70RU f+Tn xjlf /GSQ JQ0

Export E2E room keys

Import E2E room keys

- Click **Export E2E Room Keys**. A prompt will pop up. Fill in the password and click **Export**. Your keys will be downloaded as **riot-keys.txt**

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

- To Import click **Import E2E Room Keys**. Fill in the password and select the key file.

DEVICE ID: [XXXXXXXXXX]

✕

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

Choose File No file chosen

Enter passphrase

Import Cancel

Back to [Index \(index.md\)](#)

Guide To Using Matrix on Disroot



[Matrix \(https://matrix.org/\)](https://matrix.org/) is a decentralized and free software platform for secure conference call and messaging. The client for Matrix is [Riot \(https://riot.im/\)](https://riot.im/) which is available on both Android and iOS and [Disroot Riot Web client \(https://chat.disroot.org/\)](https://chat.disroot.org/).

This is a guide for Windows, Linux, MacOS and mobile.

[Create an Account \(user.md\)](#)

[Android/iOS \(mobile.md\)](#)

[Web Client \(web.md\)](#)


[Desktop \(desktop.md\)](#)

[Tips \(tips.md\)](#)

Install / Login

1. Install Riot [Android](https://play.google.com/store/apps/details?id=im.vector.alpha) (<https://play.google.com/store/apps/details?id=im.vector.alpha>) | [iOS](https://itunes.apple.com/us/app/vector.im/id1083446067) (<https://itunes.apple.com/us/app/vector.im/id1083446067>) | [F-Droid](https://f-droid.org/packages/im.vector.alpha/) (<https://f-droid.org/packages/im.vector.alpha/>)
2. Fill in username and password ([Guide to create account \(user.md\)](#)), then check **Use custom server options (advanced)**

6:30 PM



growpotkin

or

Phone number

.....

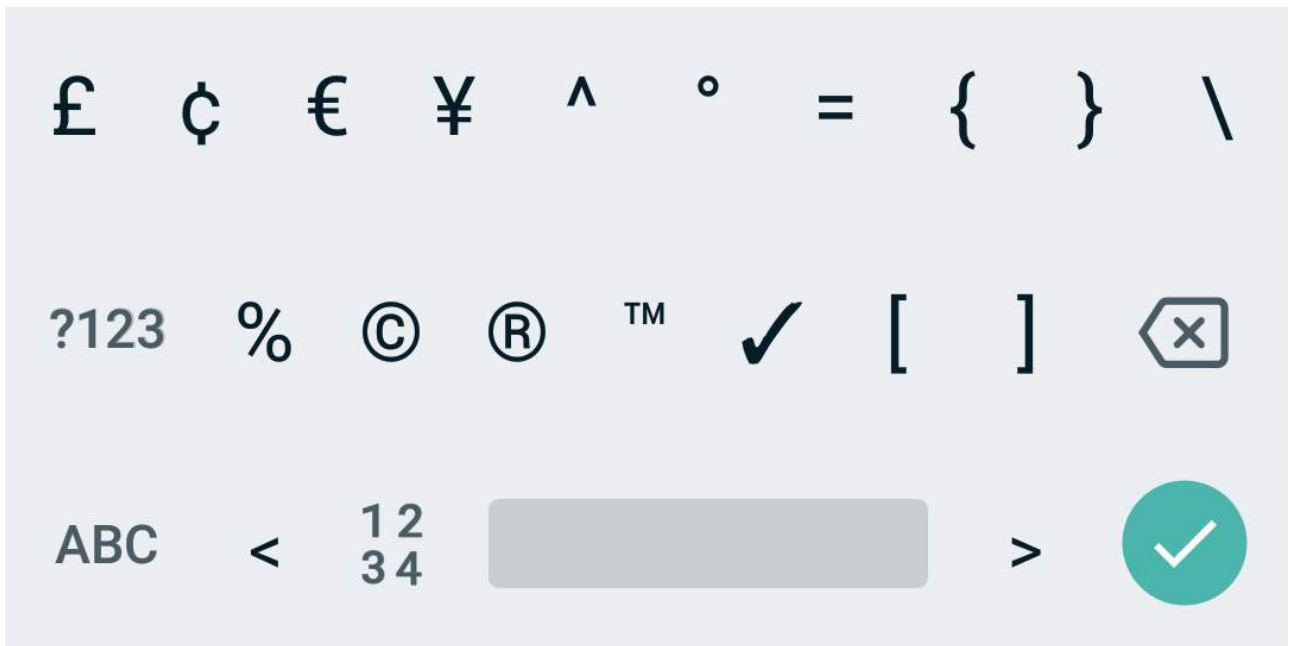
☒ Use custom server options (advanced)

Home Server:

REGISTER

LOG IN

~`|•√π÷×¶Δ



3. Scroll down and fill in (<https://disroot.org> Not *matrix.disroot.org*):

6:30 PM

.....

☒ Use custom server options (advanced)

Home Server:

https://disroot.org ←

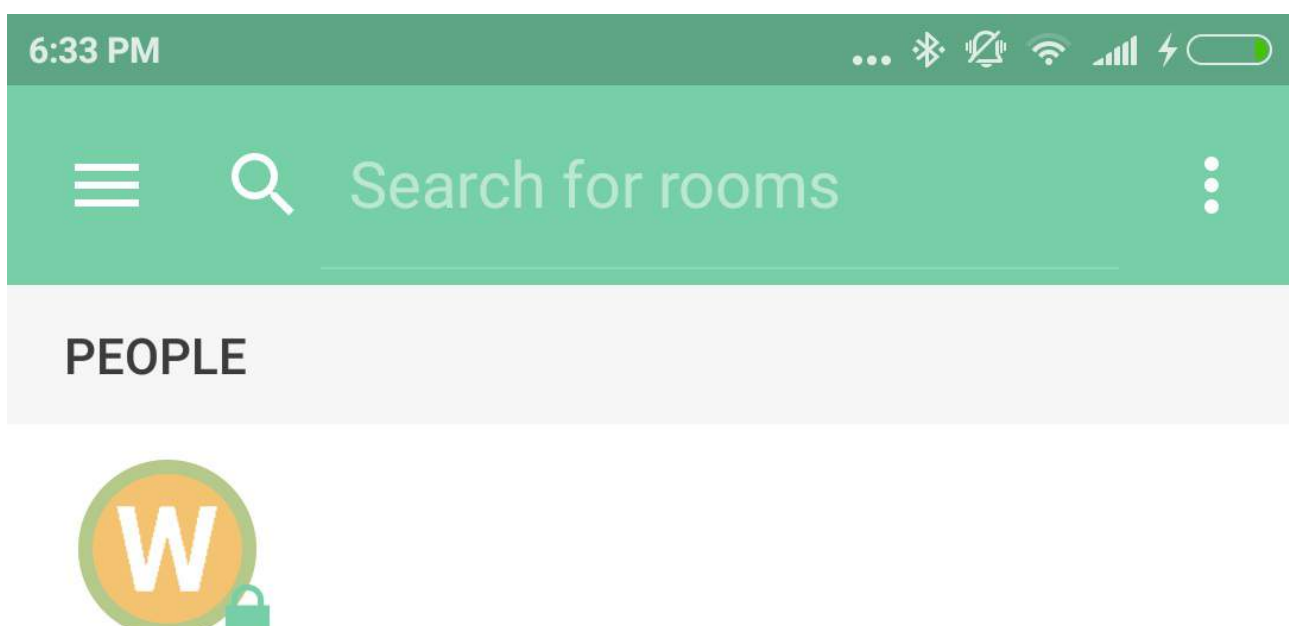
Identity Server:

https://matrix.org ←

Forgot password?

REGISTER LOG IN

4. This is how the user page look like



ROOMS



gin



Add User

1. Click the *Plus Circle at the right bottom*, click **Start Chat**
2. Enter username you want to search, click the Plus to add user to chat



@withomy

Invite by ID

LOCAL CONTACTS (0)



Matrix users only

USER DIRECTORY (1)

**withomy**

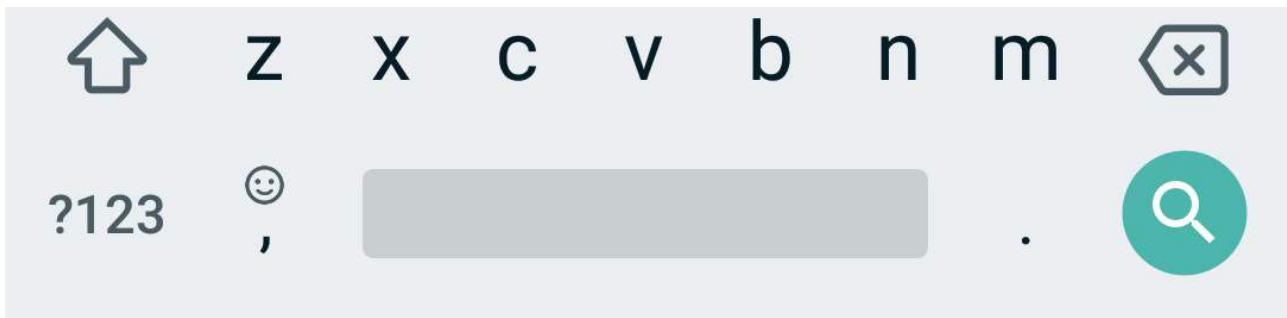
Online now



1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

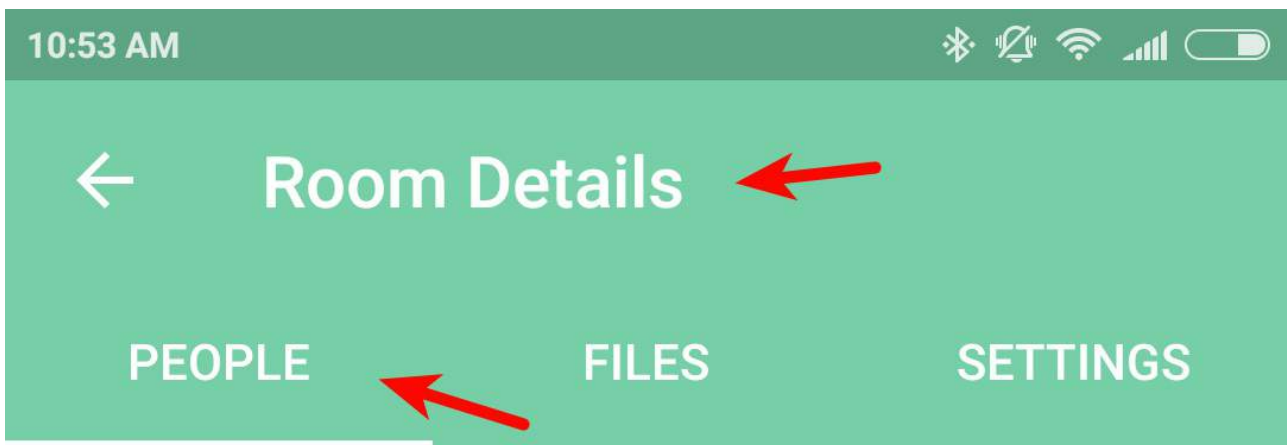
a s d f g h j k l



Verify Fingerprint

To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should also verify the **device key**

1. In the room, select the option then **Room Details**

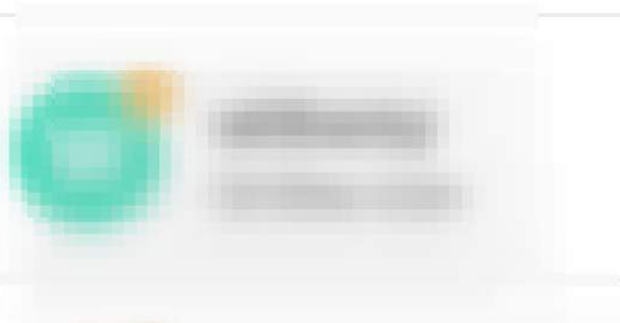


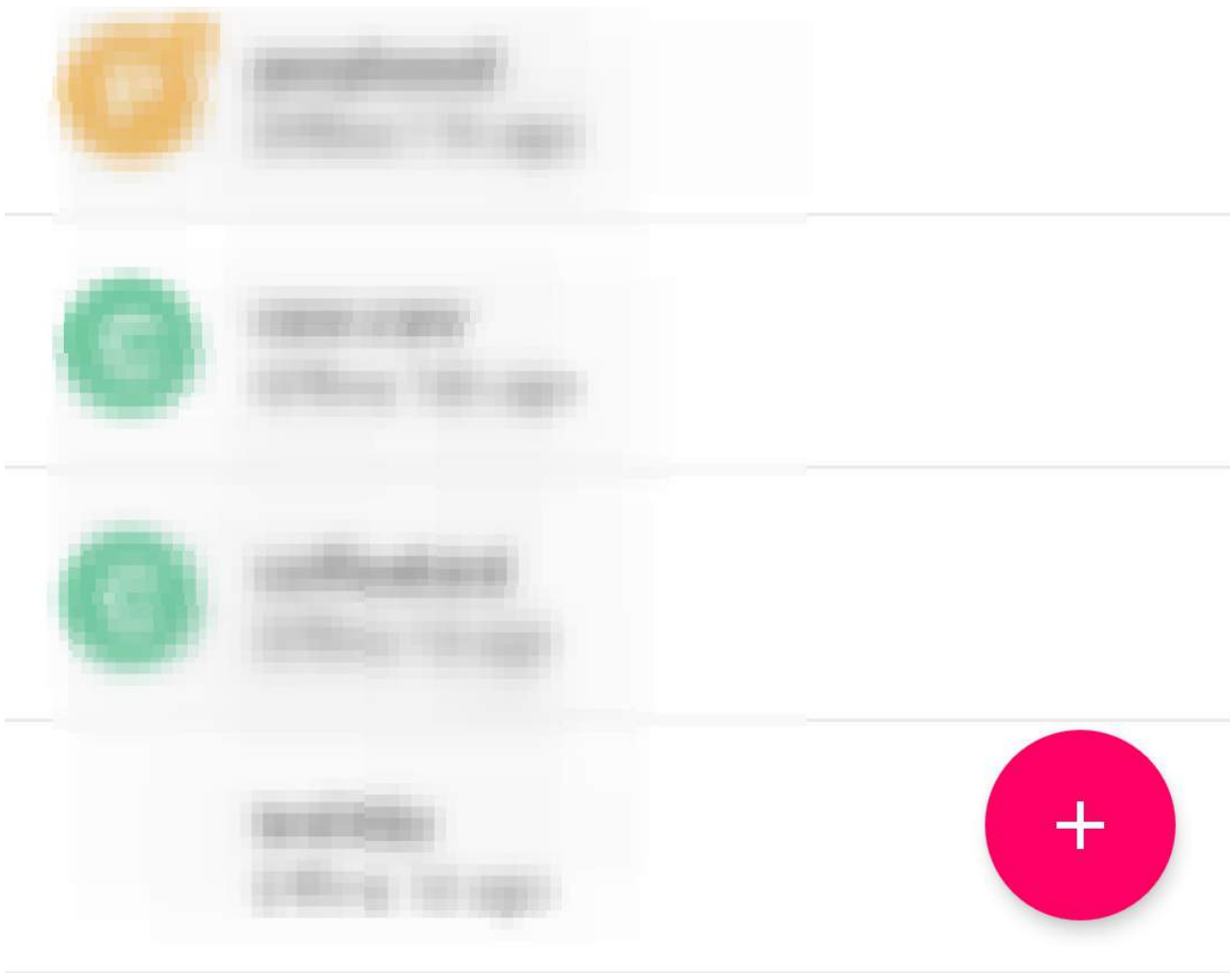
Filter room members

JOINED

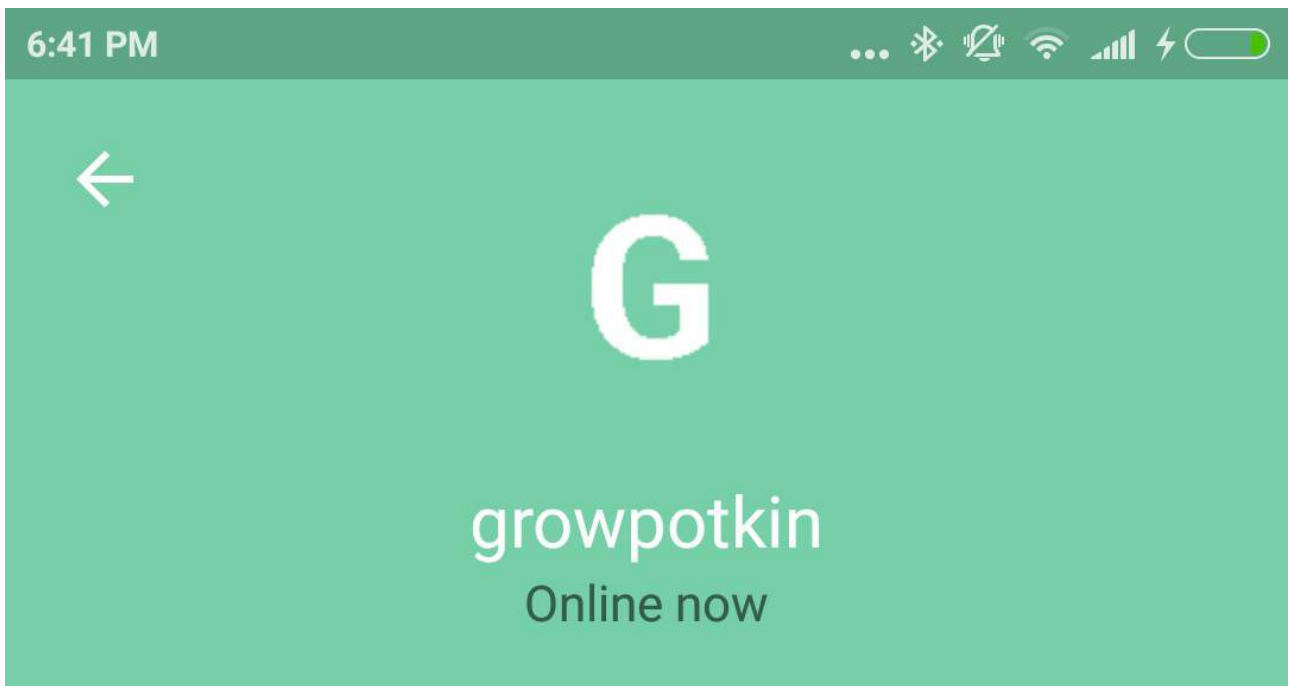


growpotkin
Online now





2. Click on **Show Device List**



Leave this room

DEVICES



Show Device List



DIRECT CHATS



Start New Chat

3. When you are sure the person had the **correct device ID and Key**, click **Verify**

DEVICES

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

https://chat.disroot.org/ via

QIOYCSNJGT



Verify



Blacklist

4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click **Verify That The Keys Match**

Verify device

To verify that this device can be trusted, please contact its owner using some other means (e.g. in person or a phone call) and ask them whether the key they see in their User Settings for this device matches the key below:

Device name

<https://chat.disroot.org/> via

Device ID

QIOYCSNJGT

Device key

[REDACTED]

If it matches, press the verify button below. If it doesn't, then someone else is intercepting this device and you probably want to press the block button instead.

In future this verification process will be more sophisticated.

I VERIFY THAT THE KEYS MATCH

CANCEL

5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.

DEVICES

https://chat.disroot.org/ via [REDACTED]
QIOYCSNJGT

Unverify

Blacklist

Import / Export Room Key

Every time you log out or sign in, the room will generate new key, meaning *you will not be able to read message from previous session* **unless you have the E2E room key.**

1. You can export the E2E key by go to **Settings**. Click **Export E2E room keys**

11:04 AM



Settings

Use native camera



Cryptography

Device name

Mobile

Device ID

[REDACTED]

Device key

[REDACTED]

Export E2E room keys

Export the keys to a local file

Import E2E room keys

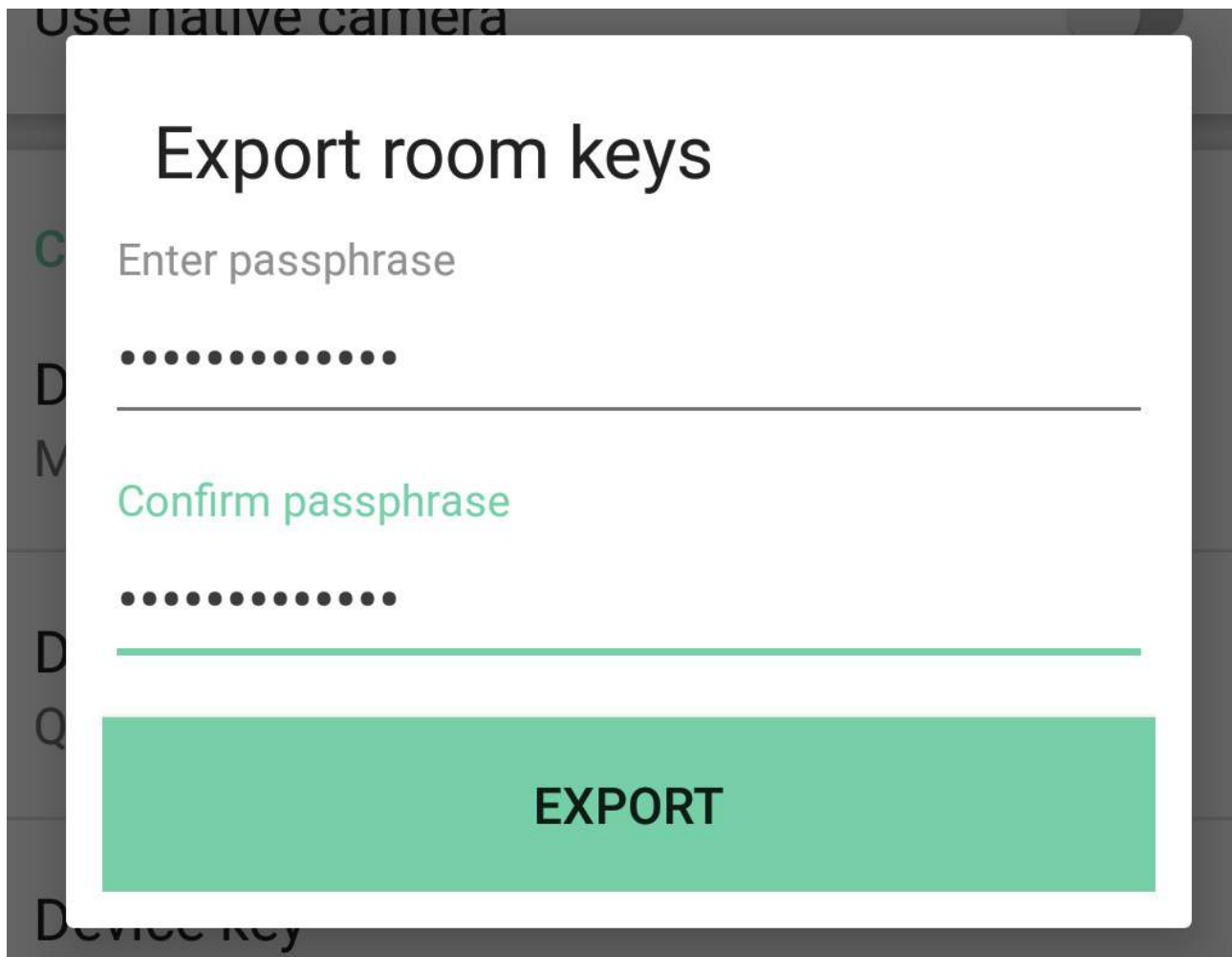
Import the keys from a local file

Encrypt to verified devices only

Never send encrypted messages to
unverified devices from this device



-
2. Fill in your password and click **Export**. It will download your key into Downloads folder with name **riot-keys.txt**



3. To import, the steps are the same. Click **Import E2E room keys**, fill out the password and select location of **riot-keys.txt**

To see [tips and troubleshooting \(tips.md\)](#)

Back to [Index \(index.md\)](#)

Tips and precautions

- **Always manually confirm keys and device IDs with the user before you verify them**
- **Remember to export** and back up your E2E Room Keys!
- *You do not need an email to sign up for Disroot and Matrix!*
- Riot logs your user IPs! Always use a VPN or Tor with them!

Changelogs

Version 1.0 - guide created

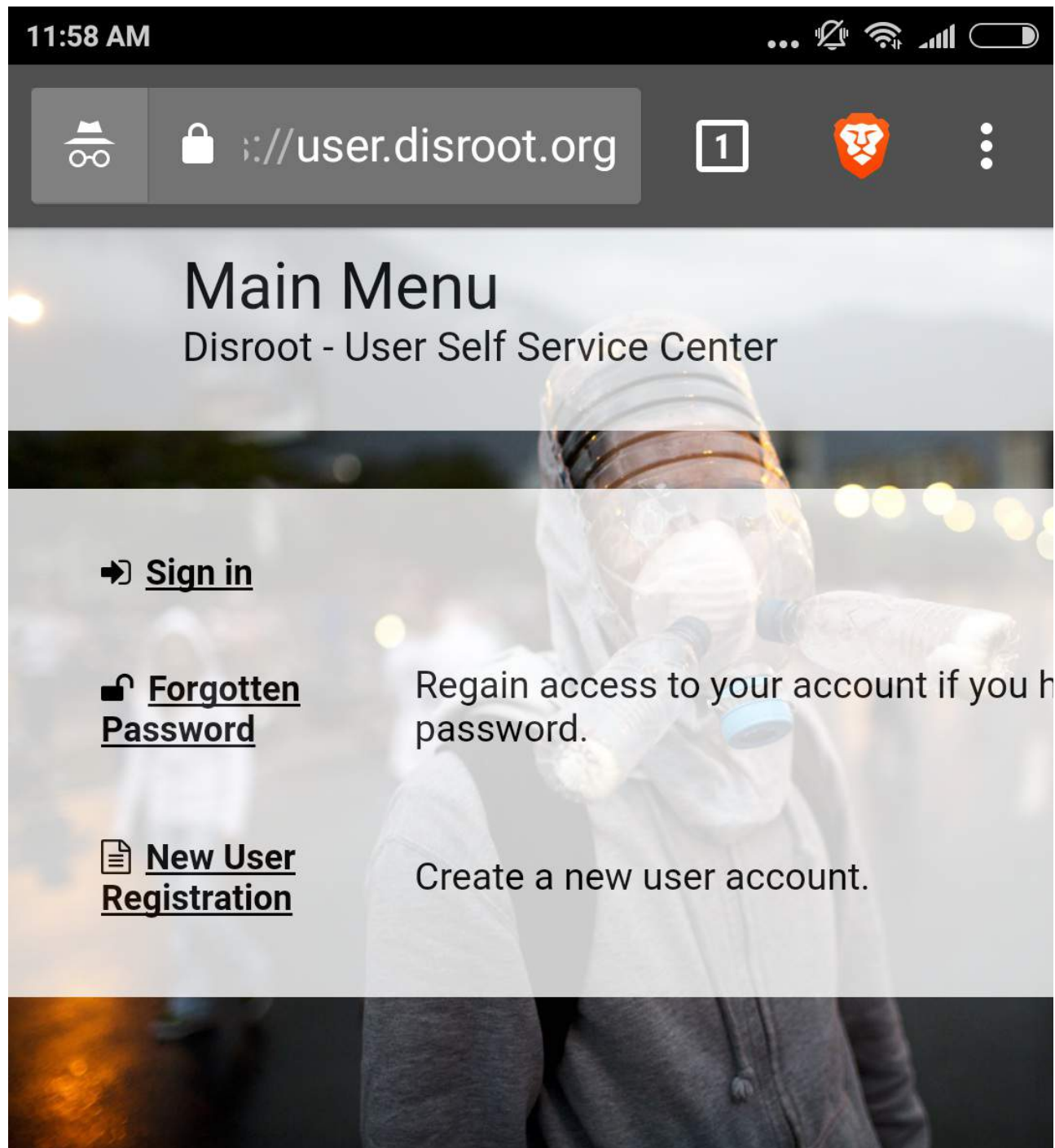
Version 1.1 [sometime in future] - Add Riot over Tor guide.

Create Disroot User Account

This section will guide you through creating an account on Disroot.


Note: You do not need an email to register for Disroot account. You should create a username that is easily identifiable by the members in the chat


1. [Go through here \(https://user.disroot.org/pwn-disroot/public/\)](https://user.disroot.org/pwn-disroot/public/). Note: There are timeout limit on the page if there is no interection. Click **New User Registration**




Idle Timeout: 4 minutes •  [English](#)


11:58 AM



 <https://user.disroot.org>

1







Verification


Disroot - User Self Service Center


Please complete the verification process. This process helps protect your account from abuse.



I'm not a robot

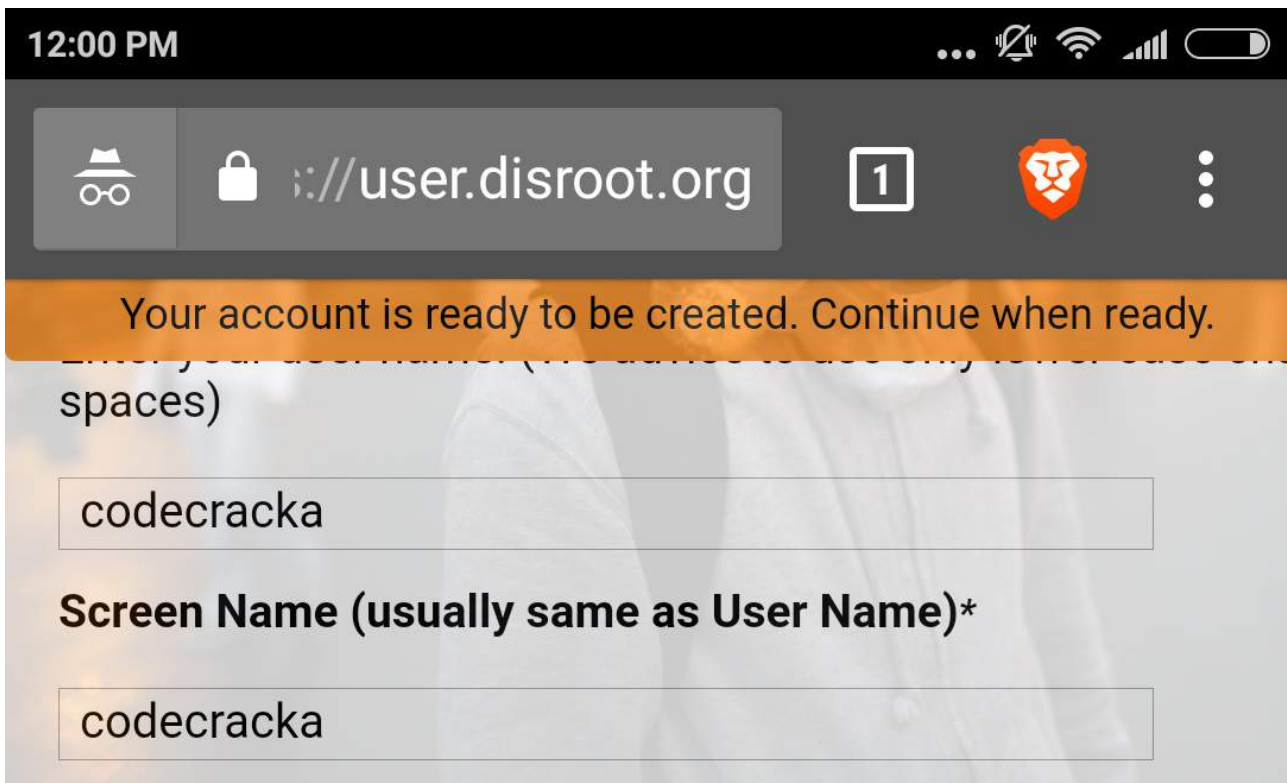

reCAPTCHA
Privacy

 Verify






 Cancel

Idle Timeout: 4 minutes •  [English](#)

2. Fill out username and password. Click **Continue**



12:00 PM

  https://user.disroot.org   

Your account is ready to be created. Continue when ready.

spaces)

codecracka

Screen Name (usually same as User Name)*

codecracka

New Password*

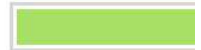
Please follow the below password rules

- Password is case sensitive.
- **Must be at least 8 characters long.**
- Password cannot be longer than 64 characters
- **Password must use ASCII (latin) characters!**(dont use specific characters)
- You may use any special character
- You may use numbers in your password
- Must not include any of the following values: pass
- Must not include part of your name or username.
- Must not include a common word or commonly used characters.

.....



Strength: 0



.....

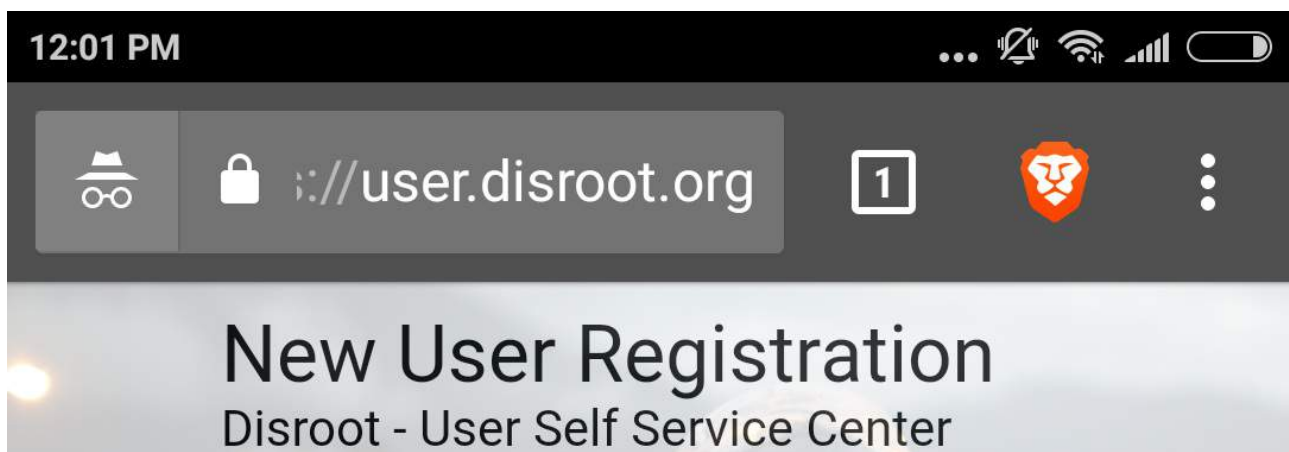


Continue



Cancel

3. Read the TOS (if you wish), check **I Agree** and click **Continue**



Terms Of Service

By using any of the services provided by disroot to the following TERMS OF USE. **TOS v1.0** By using services provided by disroot.org you agree to these conditions. These conditions can be changed at any time with notice. However we highly evaluate transparency best to make sure users are notified as soon as any major changes via email, Diaspora* network announcement forum, minor changes will most likely be published on the announcement forum. Disroot is a community of people who share server resources, collaborate and use services together. It is important that everyone understands it and feels equally responsible for it. Please keep to the following guidelines so we all get the best experience.

Space limits on disk:

Resources are scarce. Keep in mind keeping unnecessary files and emails might limit server space, which can be used for accounts served to others. Don't litter! Accounts on disroot.org do not expire unused accounts. The



I Agree



Continue



Go Back

4. Fill out the security questions and answers. click **Continue**

12:03 PM



://user.disroot.org

1



used to access your account, be sure to supply answers that others to guess or discover.

Your answers meet the requirements. Click Save Answers when

What is left unity

Question:



.....



What is the name of the main character in your favorite ▾



.....



Who is your favorite author? ▾



.....|

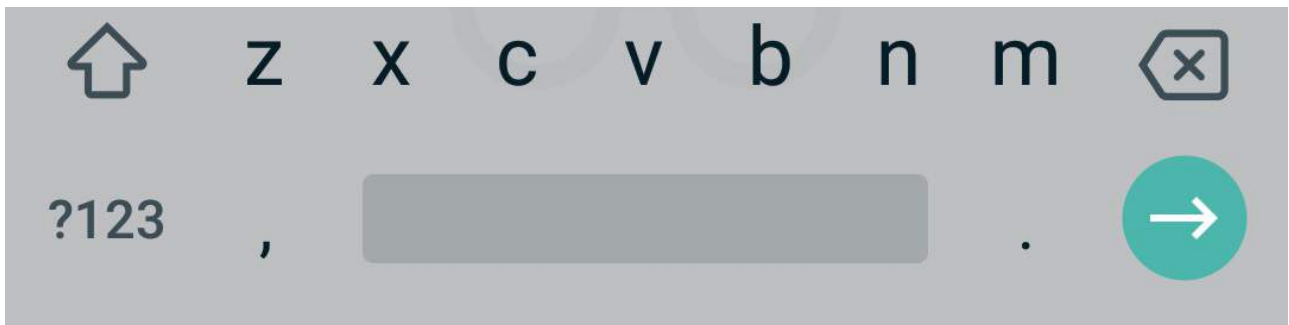


▶▶ Save Answers

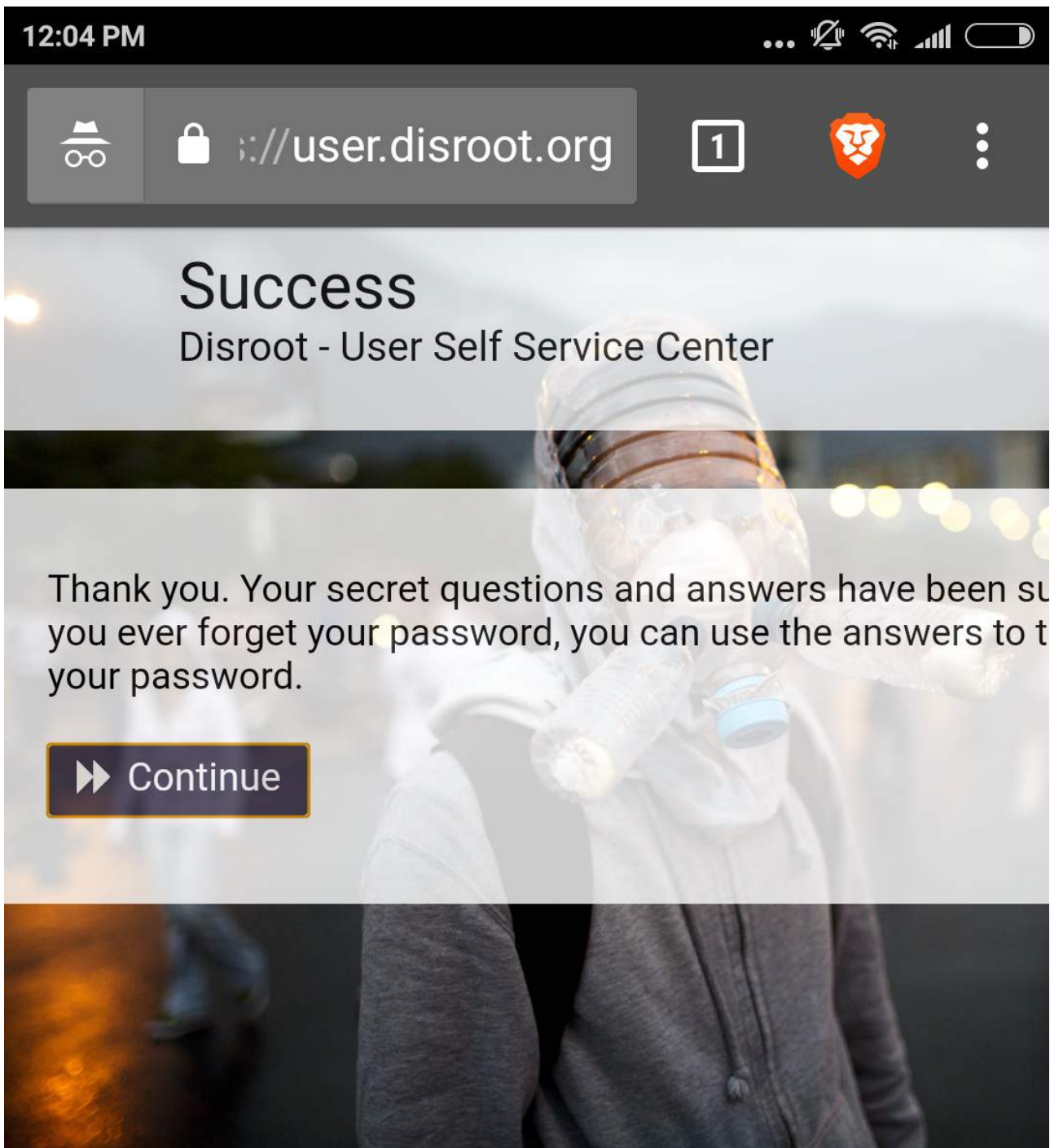
1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

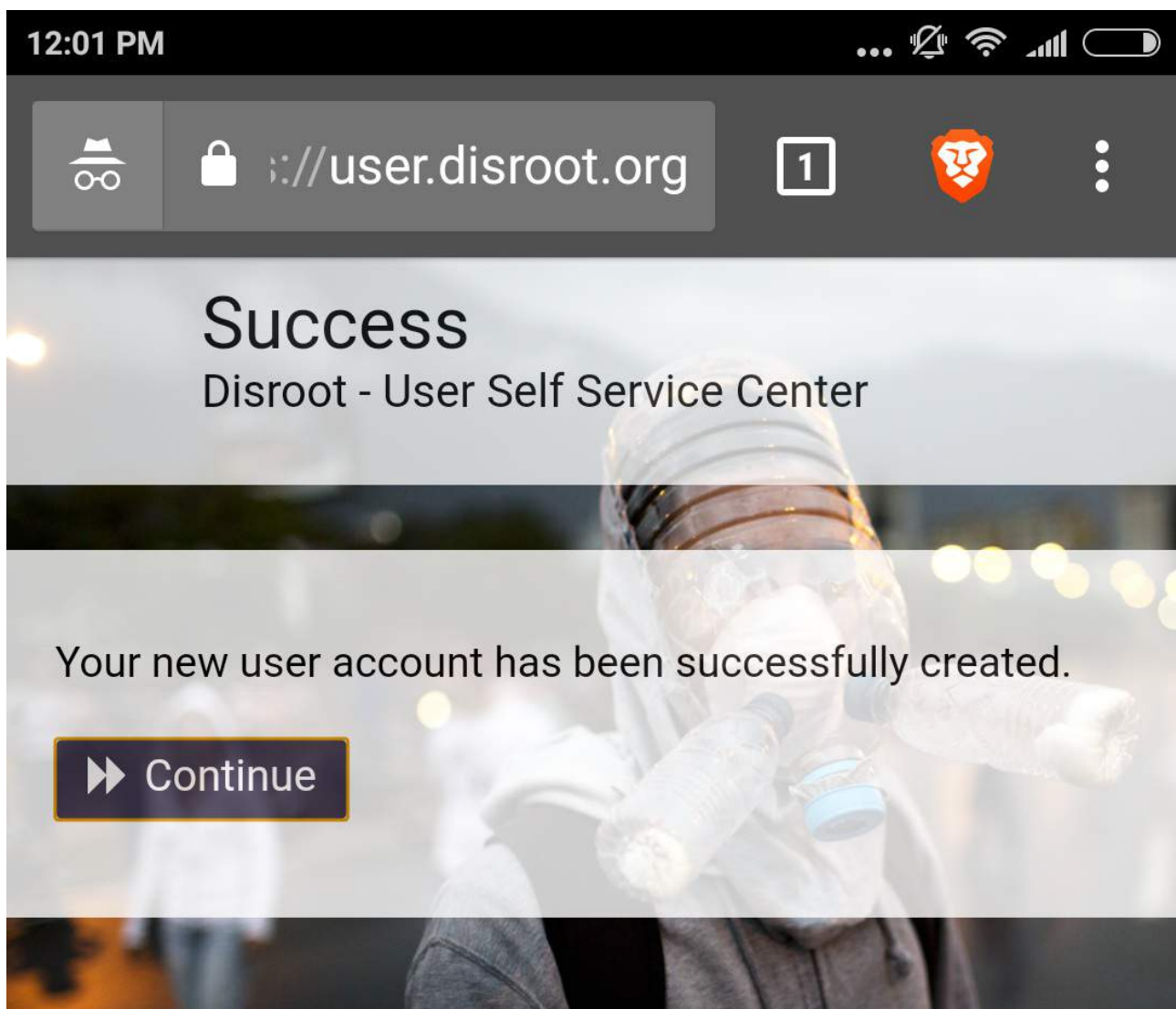


5. it will prompt you this. Click **Continue**



codecracka • Idle Timeout: 4 minutes •  [Eng](#)

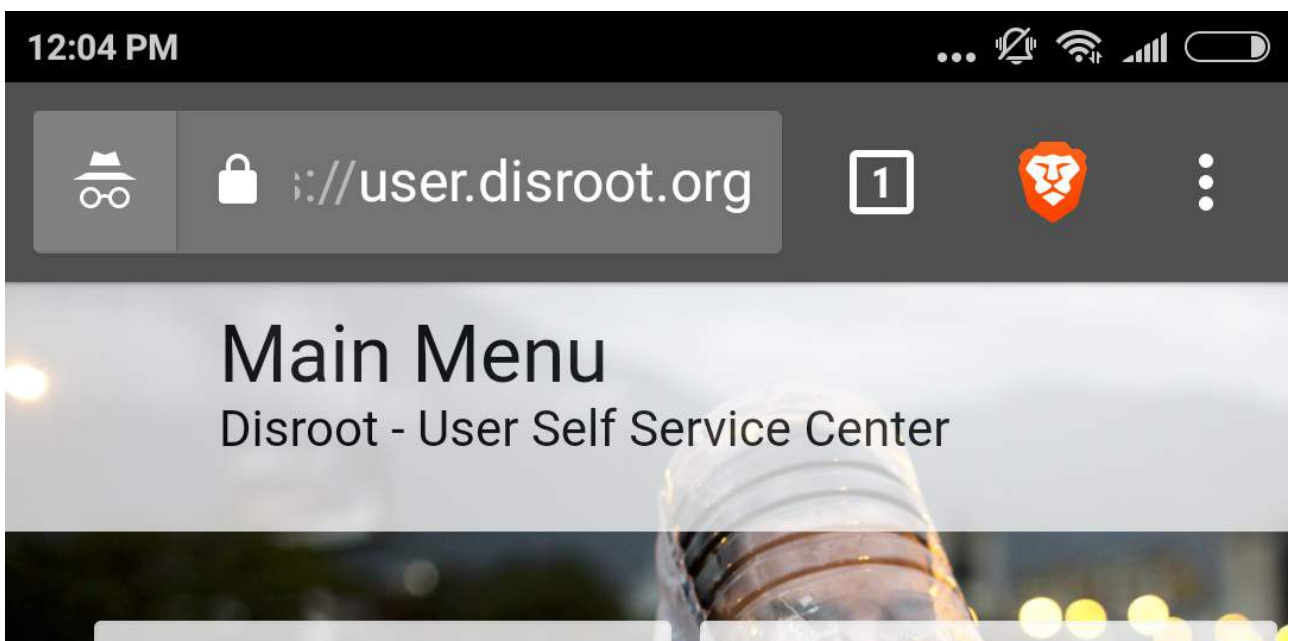
6. Congrats! your user account is created! Click **Continue**





codecracka • Idle Timeout: 4 minutes •  [Eng](#)

7. This is your user page! You can now proceed to the [Riot App \(mobile.md\)](#), [Web client \(web.md\)](#) or [Desktop \(desktop.md\)](#) to login!





Change Password

Change your current password.



Setup Security Questions

Security questions and answers allow you to recover a forgotten password.



Disroot Apps

Personalized shortcuts.



My Account

Information about your password and password policies.

Back to [Index \(index.md\)](https://index.md)

Riot Web Client

Login

[Proceed to here \(user.md\)](#) if you haven't created an account.

*Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint.
It is important to back up your E2E Room Key every time you log out*

1. Go to <https://chat.disroot.org> (<https://chat.disroot.org>) and fill out your created username & password



Sign in

Sign in with

disroot.org Matrix ID ▼

growpotkin|

.....

[Forgot your password?](#)

Sign in

☒ Default server ☐ Custom server

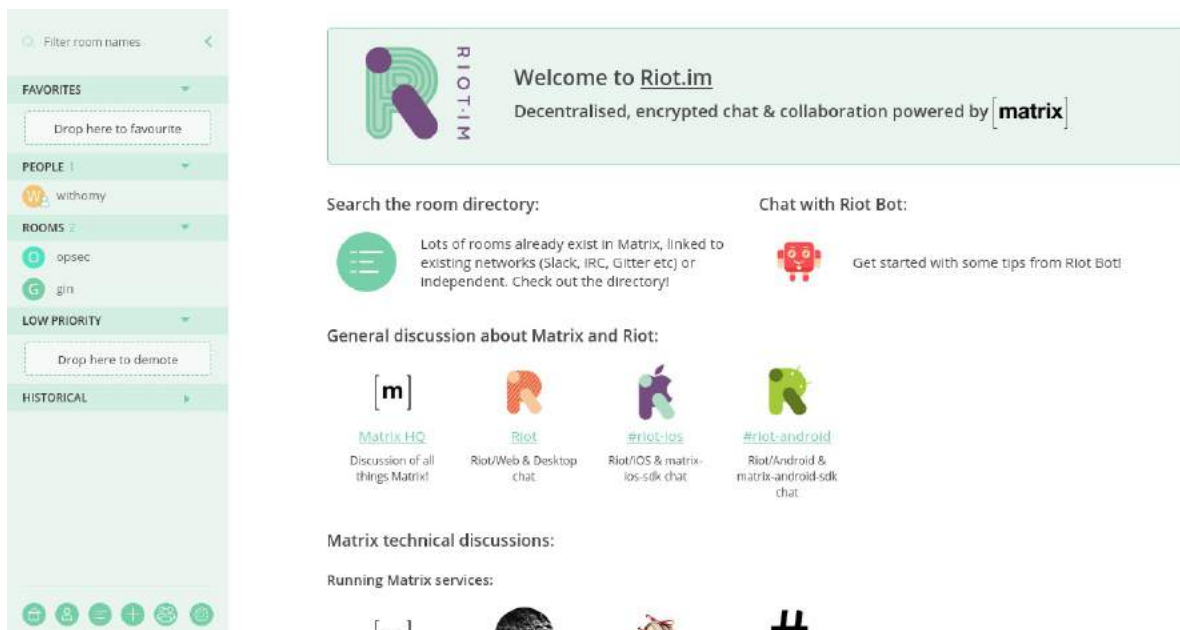
[Create an account](#)

[Login as guest](#)

English (US) ▼

[blog](#) · [twitter](#) · [github](#) · [powered by Matrix](#)

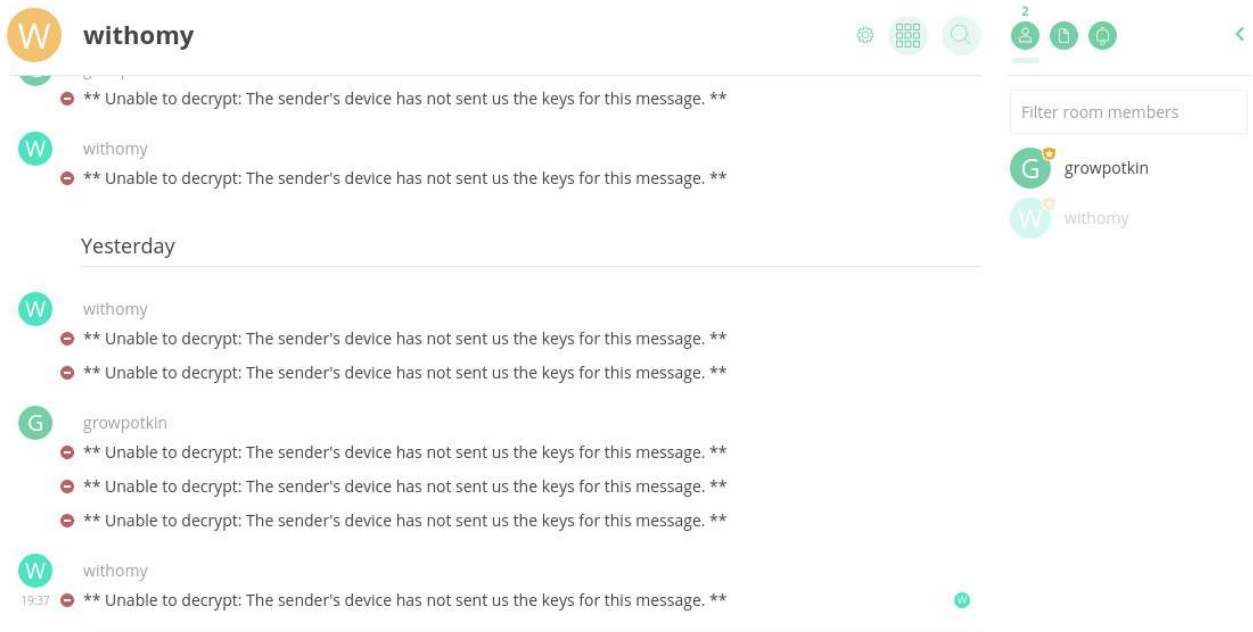
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat**



3. Fill in the username you want to connect, click the name if necessary.



4. You are now connected with the user! First you must verify the keys with the user. Click on the user icon to drop down the options.



5. You should exchange your device and key ID with the user to manually verify the fingerprint. Once done you can click verify. You should see the lock sign instead of warning sign if verified. To unverify click it again.



Import / Export Keys

1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys

Settings



VOIP

☐ Disable Peer-to-Peer for 1:1 calls

Missing Media Permissions, [click here to request](#).

DEVICES

Device ID	Device Name	Last seen	
KXXBNSPHOT	https://chat.disroot.org/ via IE on Windows		Delete
			Delete
			Delete
			Delete

CRYPTOGRAPHY

Device ID: KXXBNSPHOT
Device key: WPQh MLN/ fhHf z/Qn ch9T lhvG 70RU f+Tn xjlf /GSQ JQ0

Export E2E room keys

Import E2E room keys

- Click **Export E2E Room Keys**. A prompt will pop up. Fill in the password and click **Export**. Your keys will be downloaded as **riot-keys.txt**

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

- To Import click **Import E2E Room Keys**. Fill in the password and select the key file.

DEVICE ID: [XXXXXXXXXX]



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

Choose File

No file chosen

Enter passphrase

Import

Cancel

Back to [Index \(index.md\)](#)