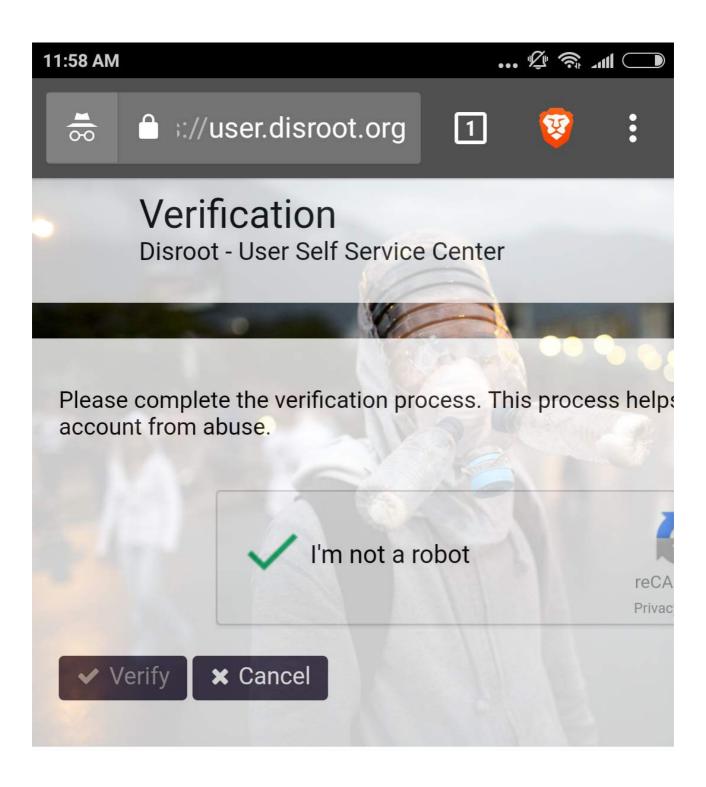
#### **Create Disroot User Account**

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

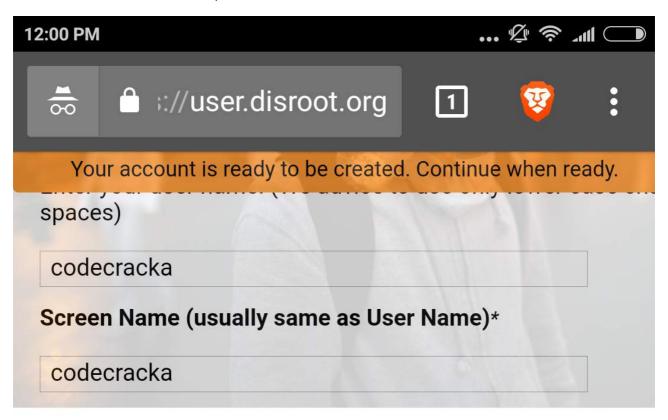
**Note:** You do not need an email to register for Disroot account. You should create a username that is easily identifyable by the members in the chat

1. <u>Go through here (https://user.disroot.org/pwn-disroot/public/)</u>. *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

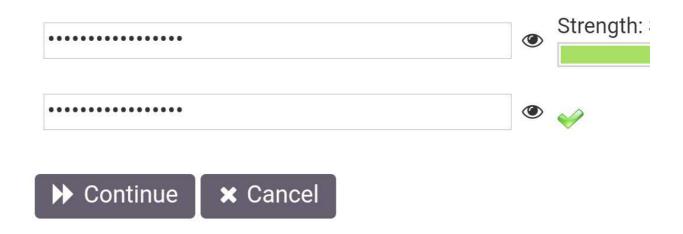


#### New Password\*

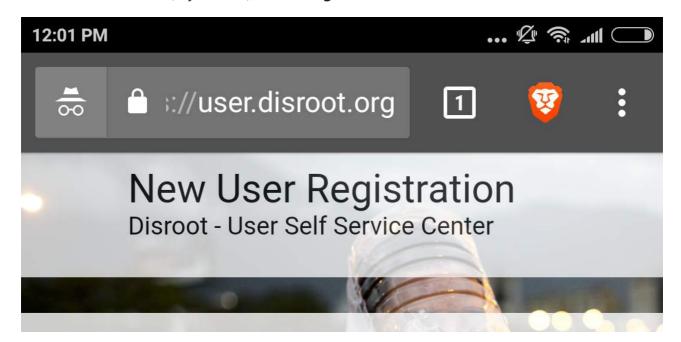
## Please follow the below password rules

Password is case sensitive

- · I GOOTTOIG TO CASE SCHOLLING.
- Must be at least 8 characters long.
- Password cannot be longer then 64 characters
- Password must use ASCII (latin) characters!(dont specific characters)
- You may use any special character
- o 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 us characters.



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

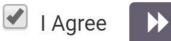


### Terms Of Service

By using any of the services provided by disrocto the following TERMS OF USE. TOS v1.0 By using services provided by disroot.org you agree to of 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 like published on the announcement forum. Disroot is all share servers resources, collaborate and us services together. It is important that everyor understands it and feels equally responsible for keep to the following guidelines so we all get

### Space limits on disk:

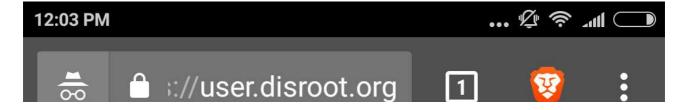
Resources are scarce. Keep in mind keeping unnearly and emails might limit server space, which can accounts served to others. Don't litter! Accounts the standard accounts.

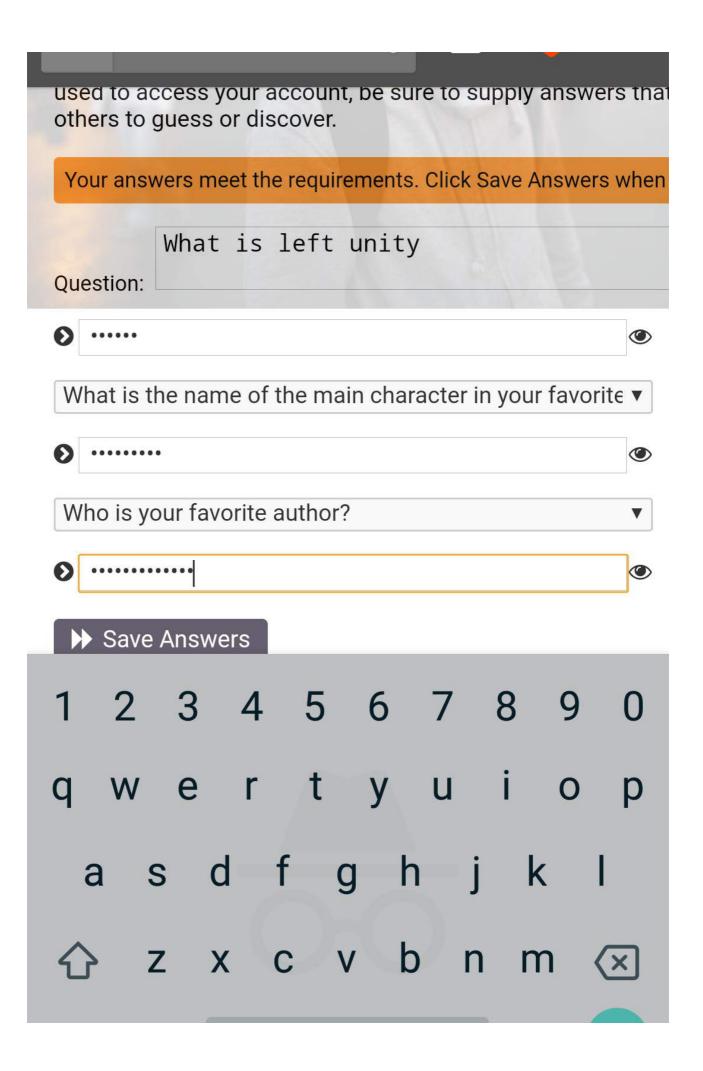




**◀** Go Back

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

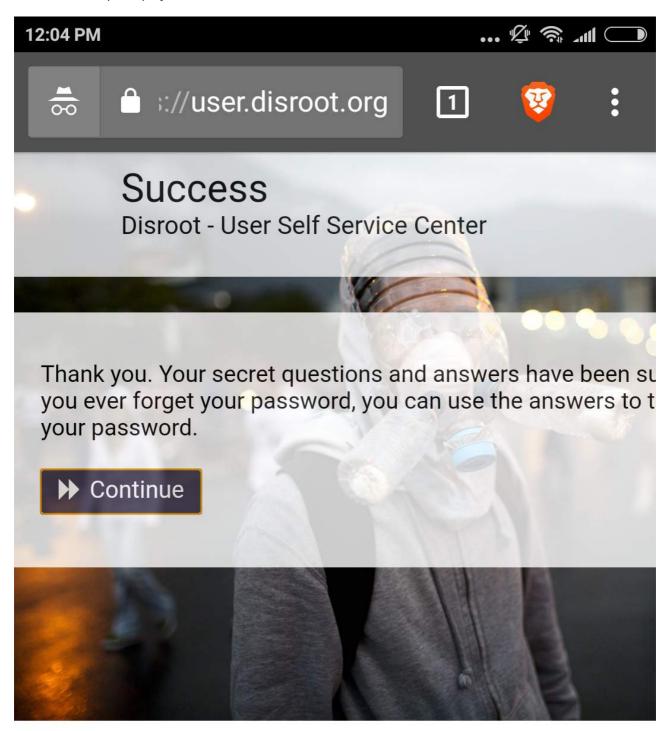




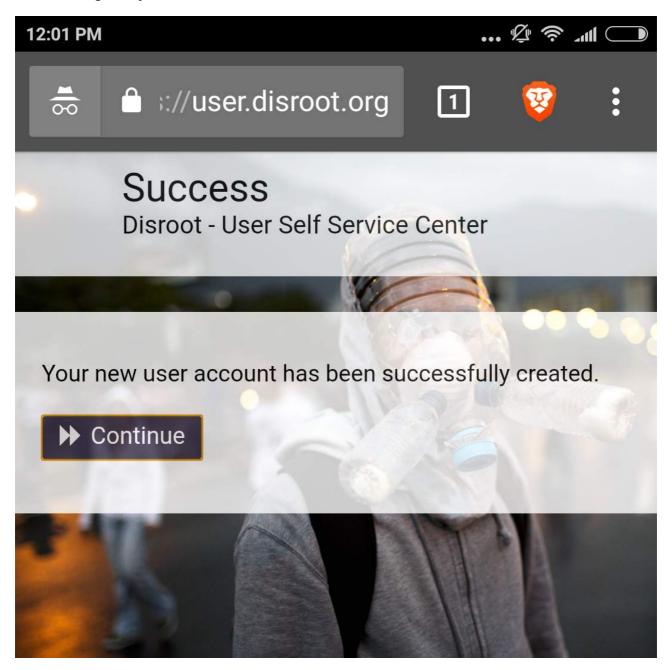
?123



5. it will prompt you this. Click Continue



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



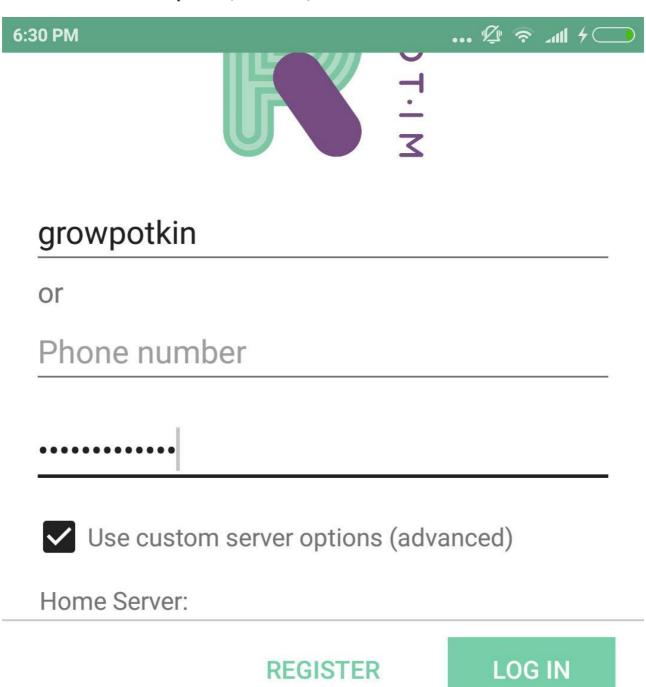
codecracka • Idle Timeout: 4 minutes • Eng

7. This is your user page! You can now proceed to the <u>Riot App (mobile.md)</u>, <u>Web client (web.md)</u> or <u>Desktop (desktop.md)</u> to login!

**Back to Index (index.md)** 

### **Install / Login**

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





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







Use custom server options (advanced)

Home Server:

https://disroot.org ←

**Identity Server:** 

https://matrix.org

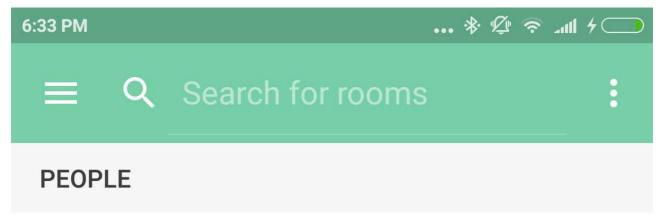
Forgot password?



REGISTER

**LOG IN** 

4. This is how the user page look like







### **ROOMS**













### **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)**



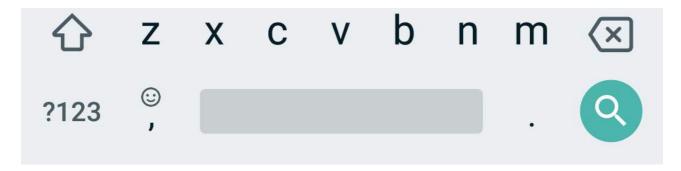
withomy Online now



1 2 3 4 5 6 7 8 9

qwertyuiop

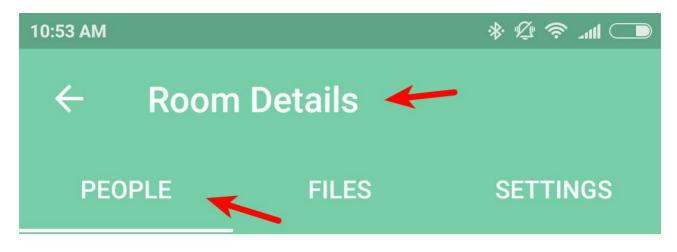
asdfghjkl



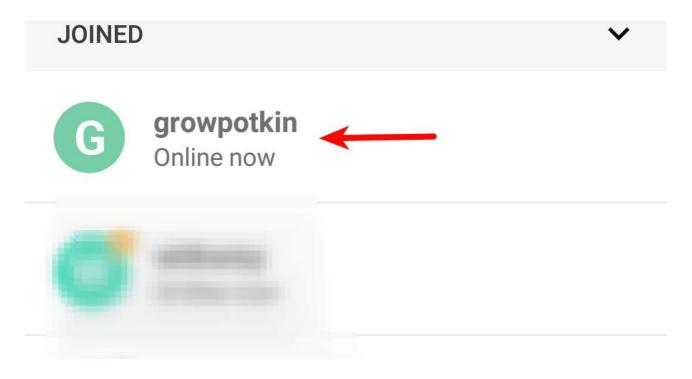
#### **Verify Fingerprint**

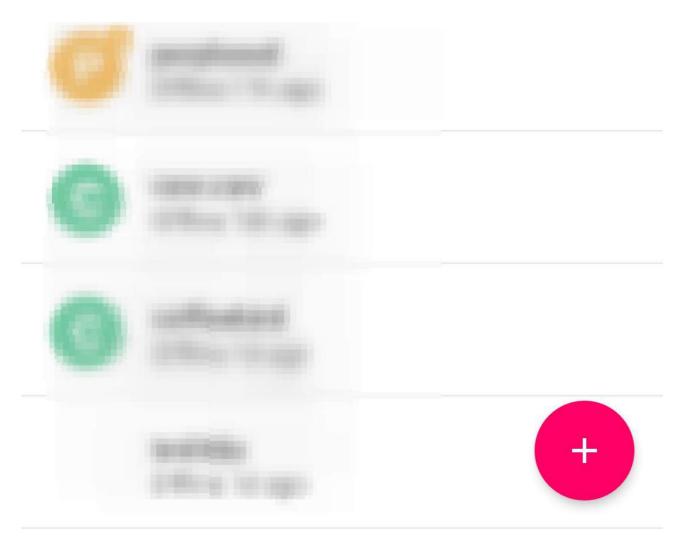
To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should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

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

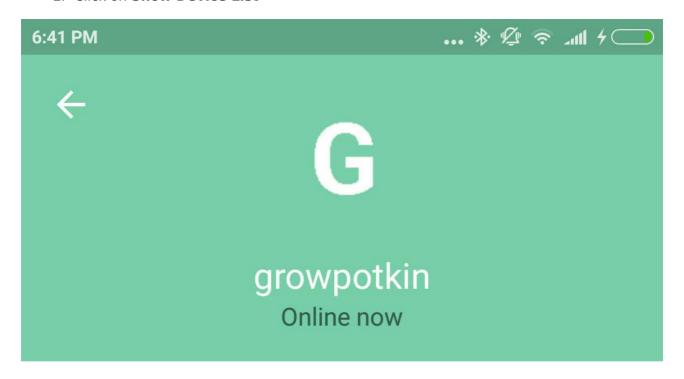


### Filter room members





#### 2. Click on **Show Device List**





Leave this room

### **DEVICES**



**Show Device List** 

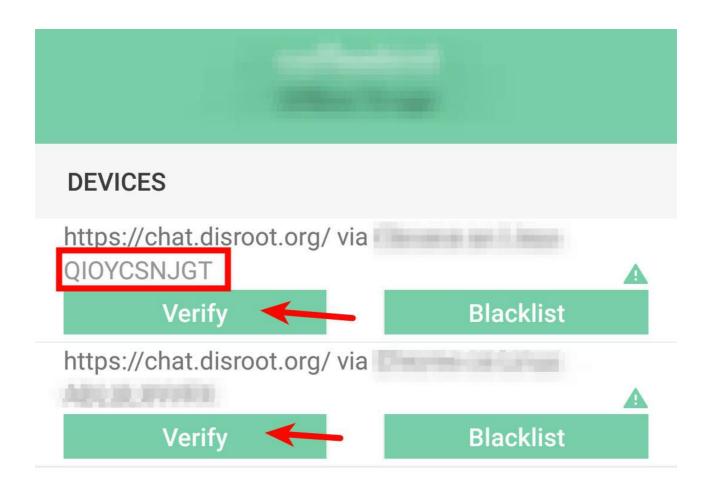


### **DIRECT CHATS**



+ Start New Chat

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



4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click I 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** 

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

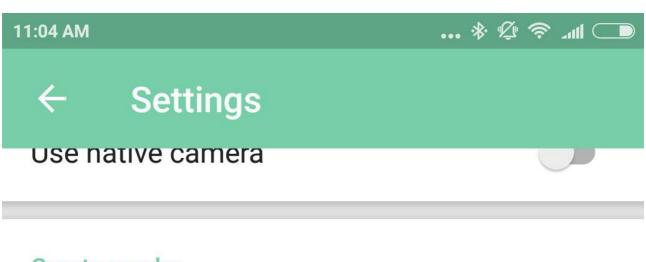
5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.



#### **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



### Cryptography

Device name

**Device ID** 

Device key

# Export E2E room keys

Export the keys to a local file

# Import E2E room keys

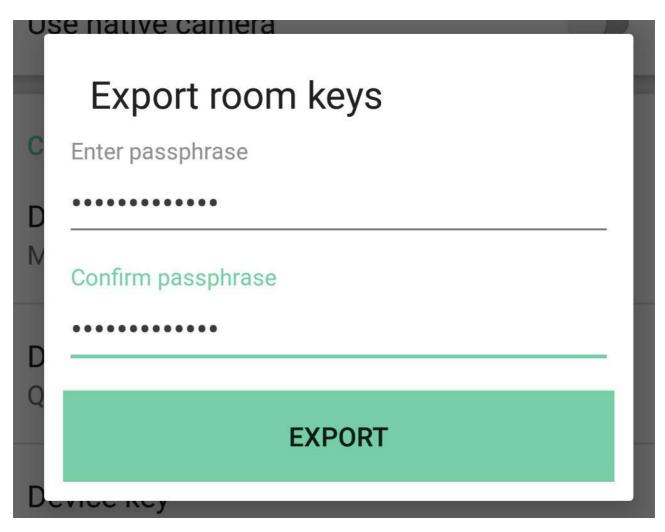
Import the keys from a local file

### 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 <a href="Index.md">Index.md</a>)

### **Riot Web Client**

### Login

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

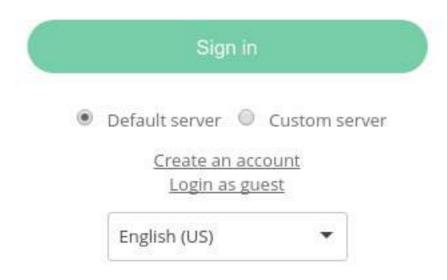
Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint. It is important to back up your E2E Room Key every time you log out

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



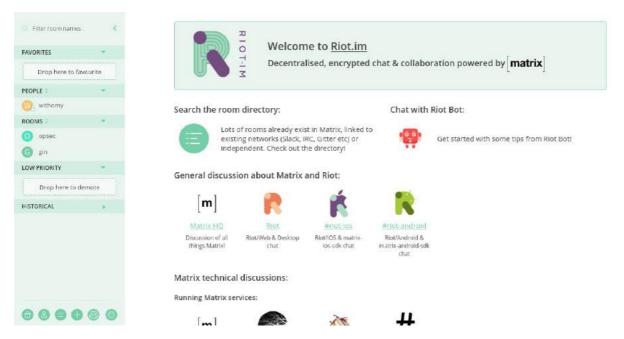
## Sign in

Sign in with	disroot.org Matrix ID	•
growpotkin		
Forgot your pas	sword?	



blog · twitter · github · powered by Matrix

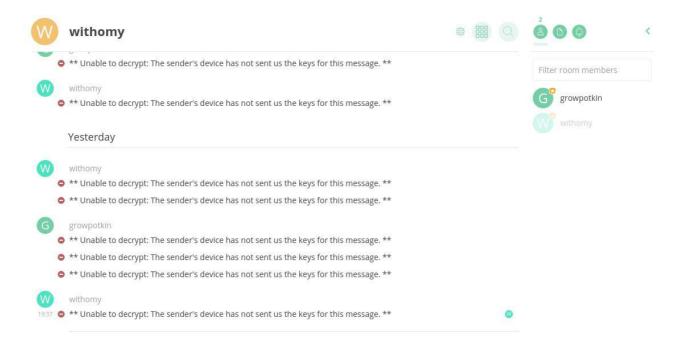
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat** 



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.

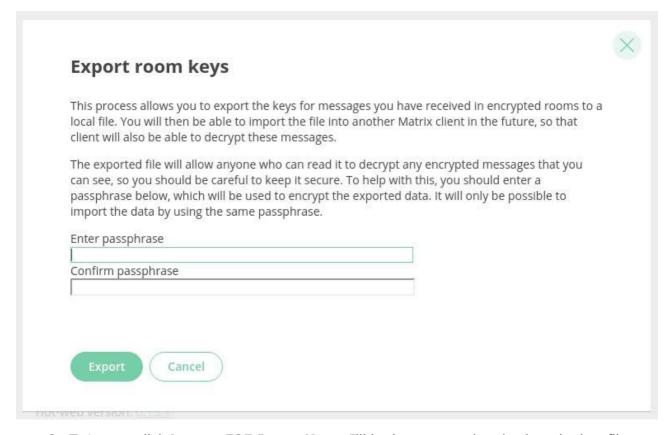


### **Import / Export Keys**

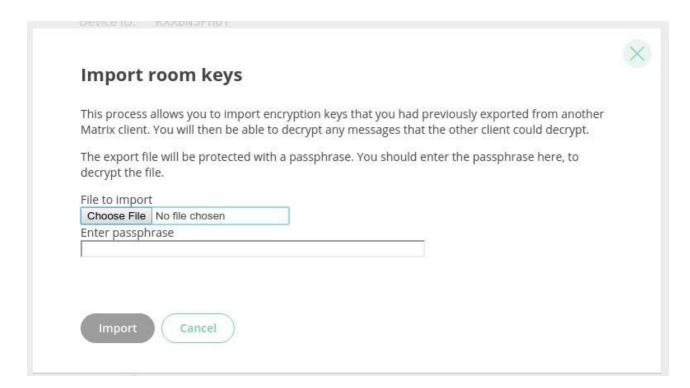
1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys



2. 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** 



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



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

#### Login

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



### Sign in

Sign in with	disroot.org Matrix ID	*
growpotkin		
***********		

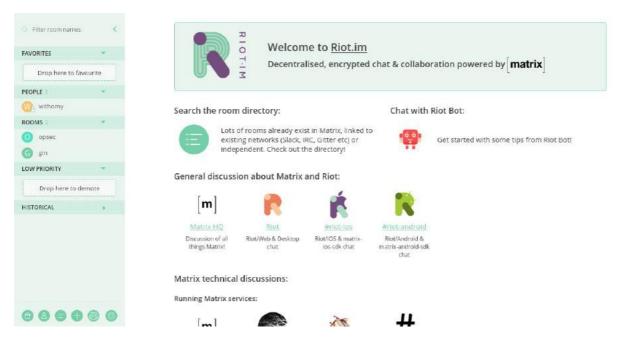
#### Forgot your password?



#### What does this mean?

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

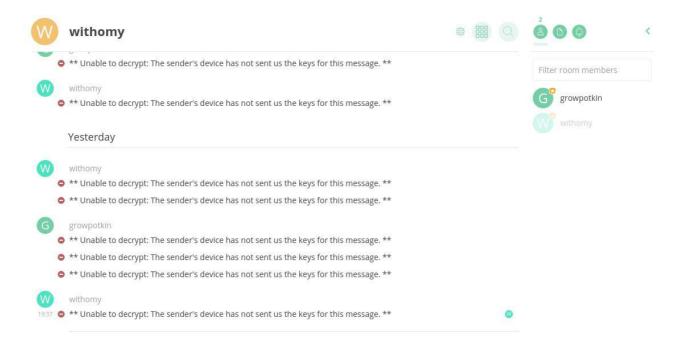
#### Chat



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.

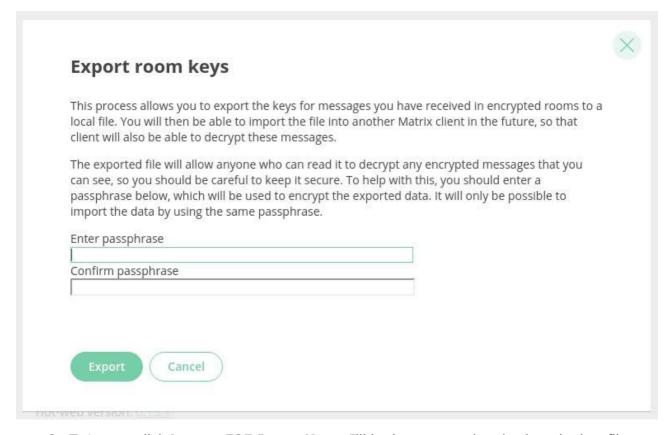


### **Import / Export Keys**

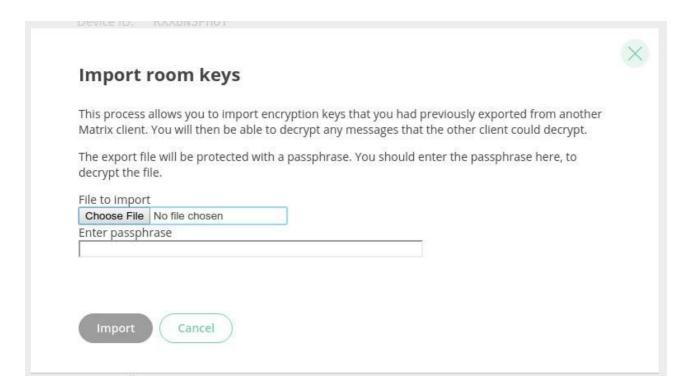
1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys



2. 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** 



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



#### Back to Index (index.md)

**Guide To Using Matrix on Disroot** 



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

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

**Create an Account (user.md)** 

Android/iOS (mobile.md)

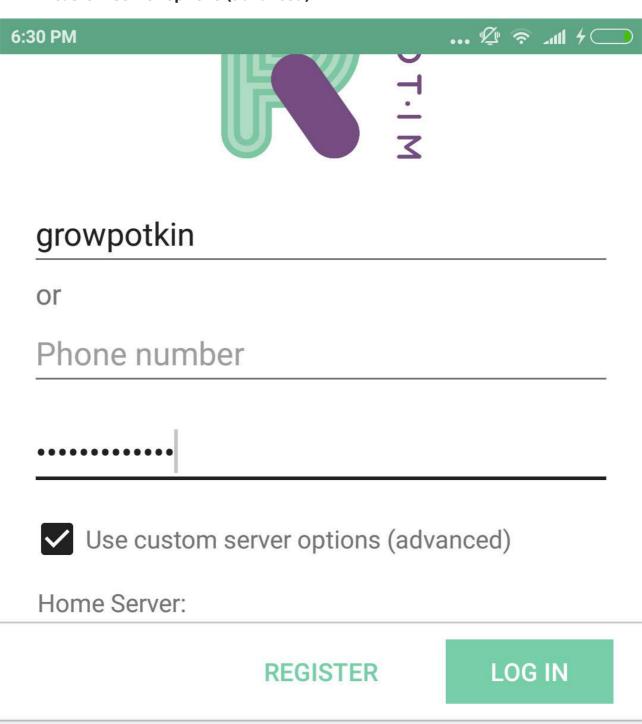
**Web Client (web.md)** 

**Desktop (desktop.md)** 

Tips (tips.md)

#### **Install / Login**

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





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







Use custom server options (advanced)

Home Server:

https://disroot.org ←

**Identity Server:** 

https://matrix.org

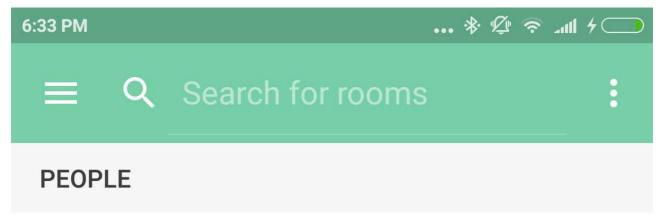
Forgot password?



REGISTER

**LOG IN** 

4. This is how the user page look like







# **ROOMS**













## **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)**



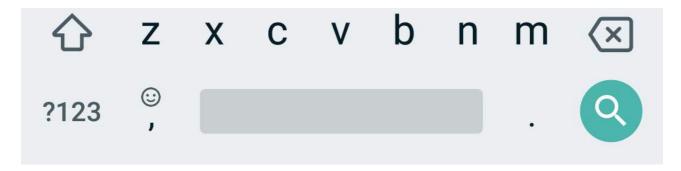
withomy Online now



1 2 3 4 5 6 7 8 9

qwertyuiop

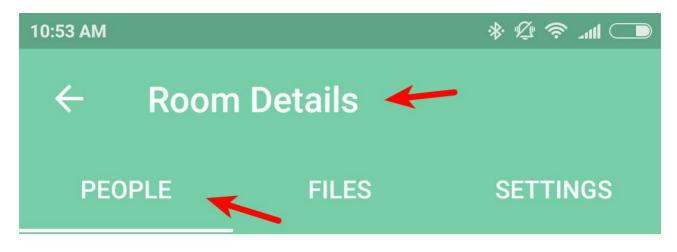
asdfghjkl



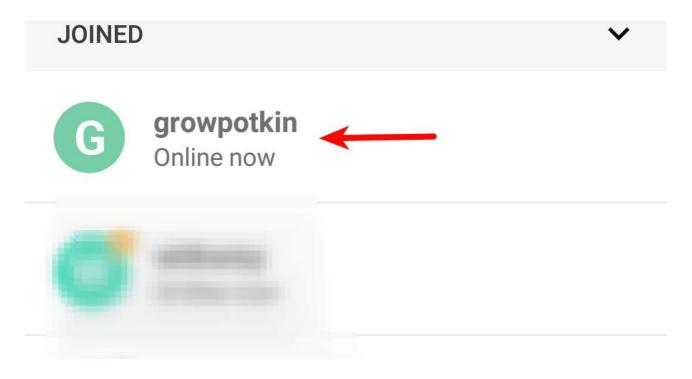
### **Verify Fingerprint**

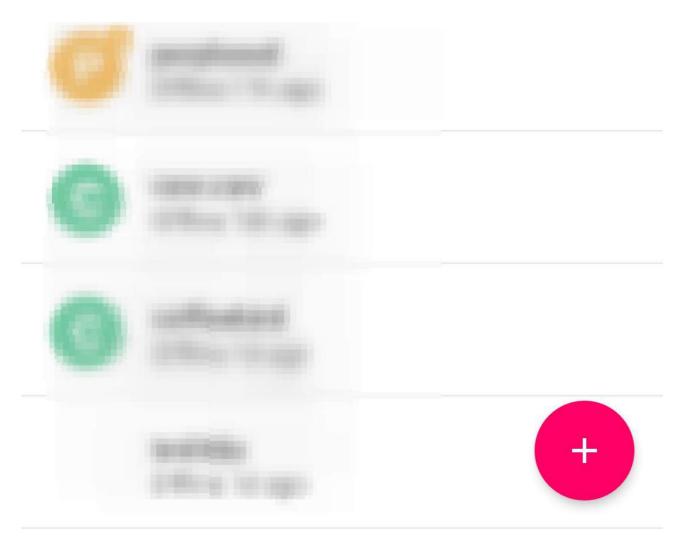
To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should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

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

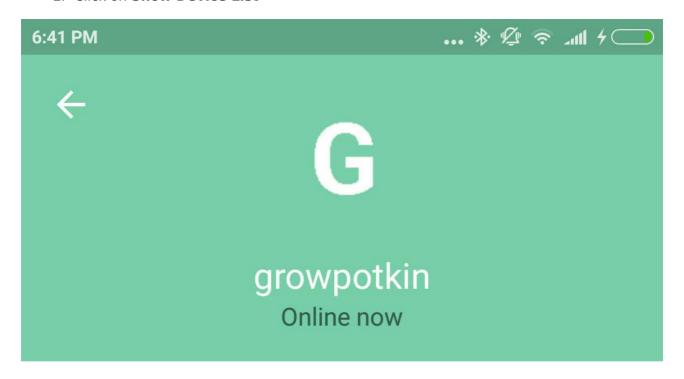


## Filter room members





#### 2. Click on **Show Device List**





Leave this room

# **DEVICES**



**Show Device List** 

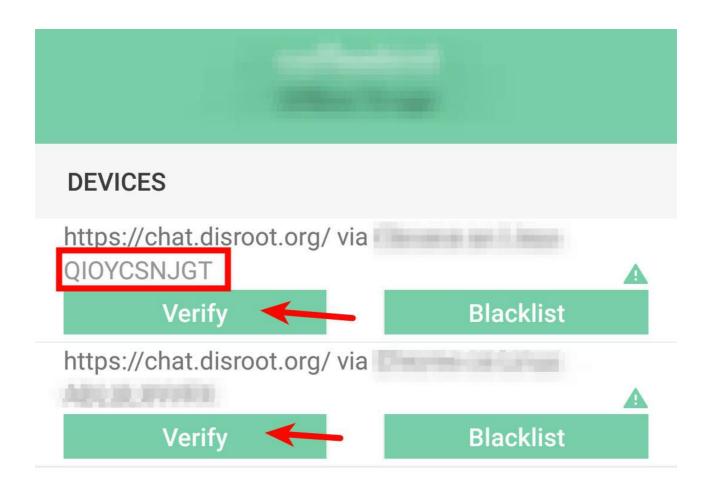


# **DIRECT CHATS**



+ Start New Chat

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



4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click I 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** 

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

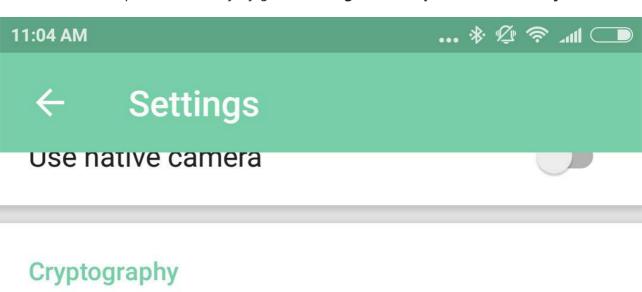
5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.



### **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



Device name

**Device ID** 

Device key

# Export E2E room keys

Export the keys to a local file

# Import E2E room keys

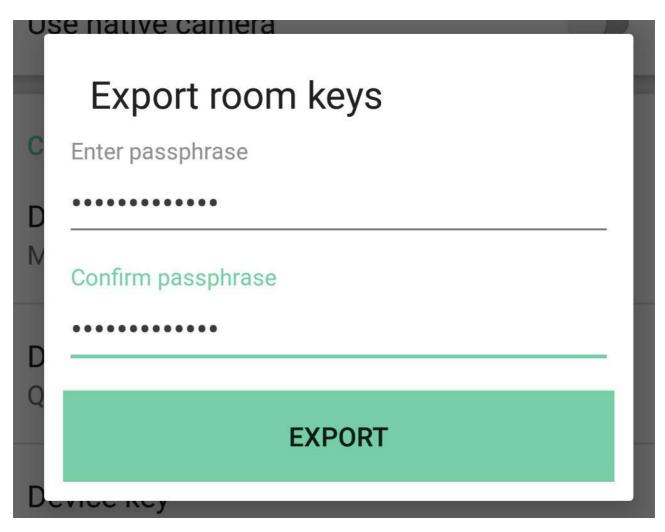
Import the keys from a local file

# 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**

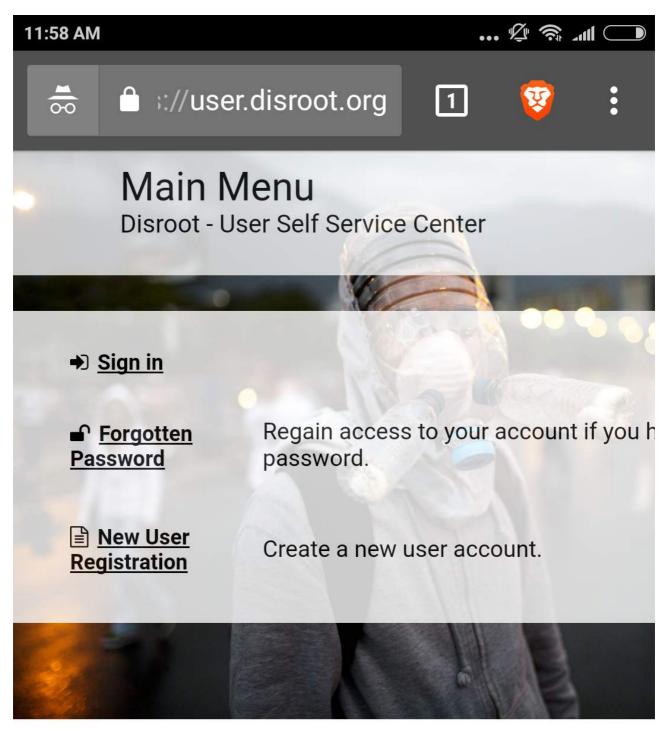
```
Version 1.0 - guide created
Version 1.1 [sometime in future] - Add Riot over Tor guide.
```

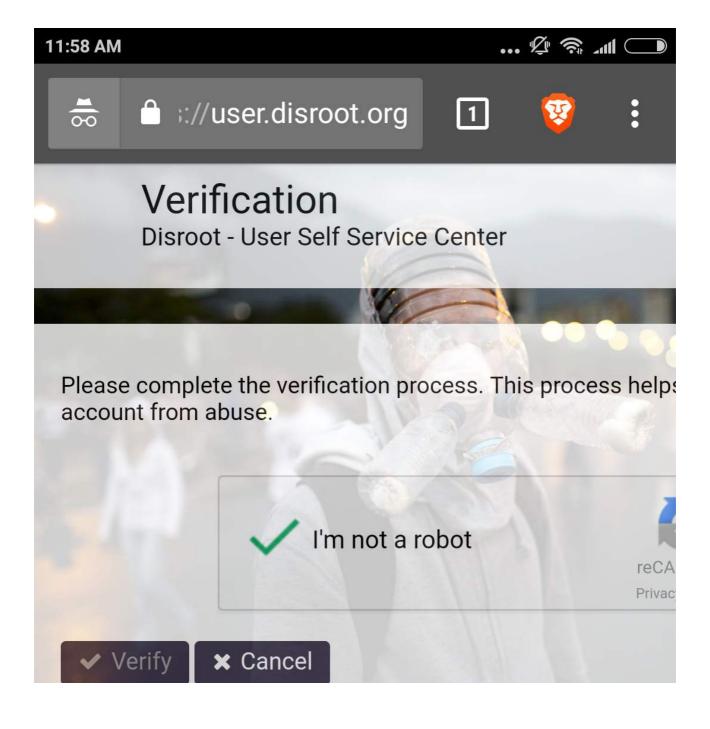
#### **Create Disroot User Account**

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 identifyable by the members in the chat

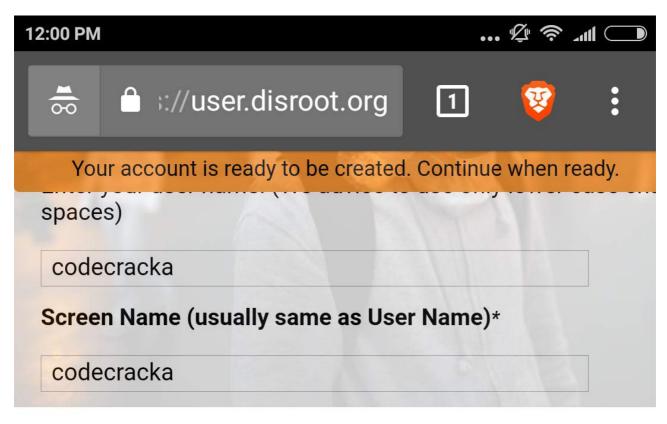
1. <u>Go through here (https://user.disroot.org/pwn-disroot/public/)</u>. *Note: There are timeout limit on the page if there is no interection.* Click **New User Registration** 





Idle Timeout: 4 minutes • English

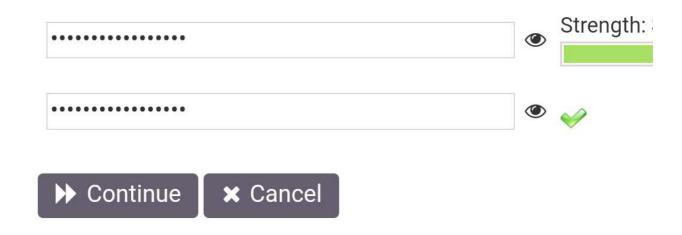
2. Fill out username and password. Click Continue



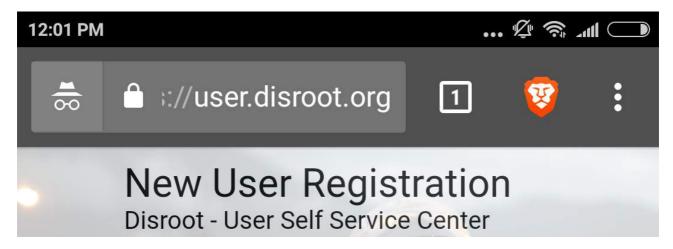
New Password\*

## Please follow the below password rules

- Password is case sensitive.
- Must be at least 8 characters long.
- Password cannot be longer then 64 characters
- Password must use ASCII (latin) characters!(dont 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 us characters.



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



# Terms Of Service

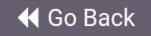
By using any of the services provided by disrocto the following TERMS OF USE. TOS v1.0 By using services provided by disroot.org you agree to continuous can be changed at any time with notice. However we highly evaluate transparency best to make sure users are notified as soon as any major changes via email, Diaspora\* network announcement forum, minor changes will most like published on the announcement forum. Disroot is all share servers resources, collaborate and us services together. It is important that everyor understands it and feels equally responsible for keep to the following guidelines so we all get

# Space limits on disk:

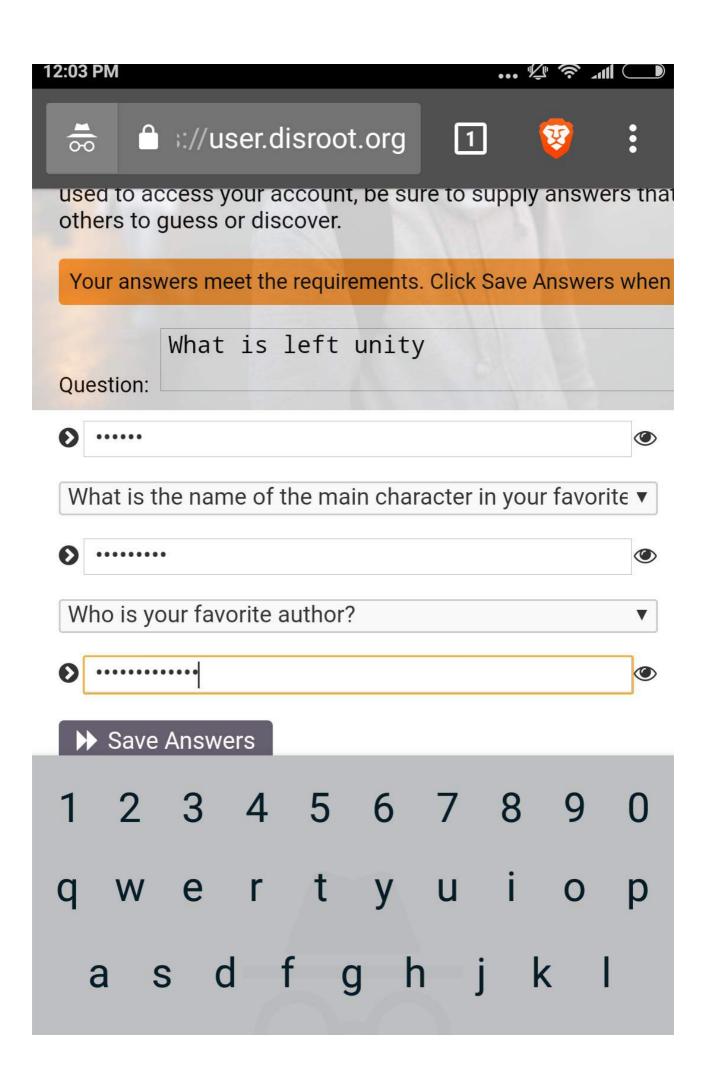
Resources are scarce. Keep in mind keeping unneand emails might limit server space, which can accounts served to others. Don't litter! Accounts are done not explain unused accounts.

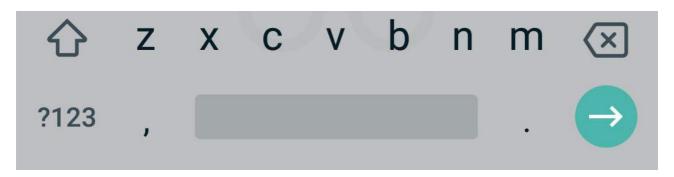




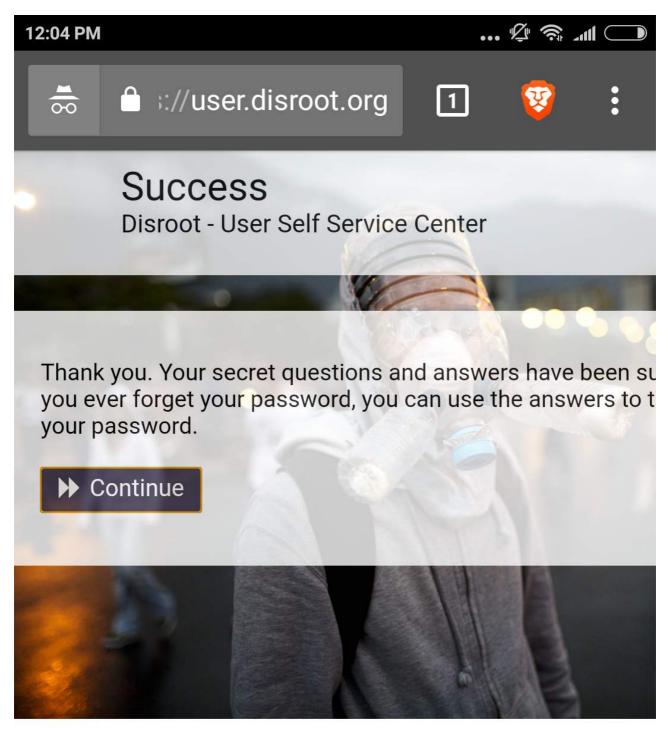


4. Fill out the security questions and answers. click Continue

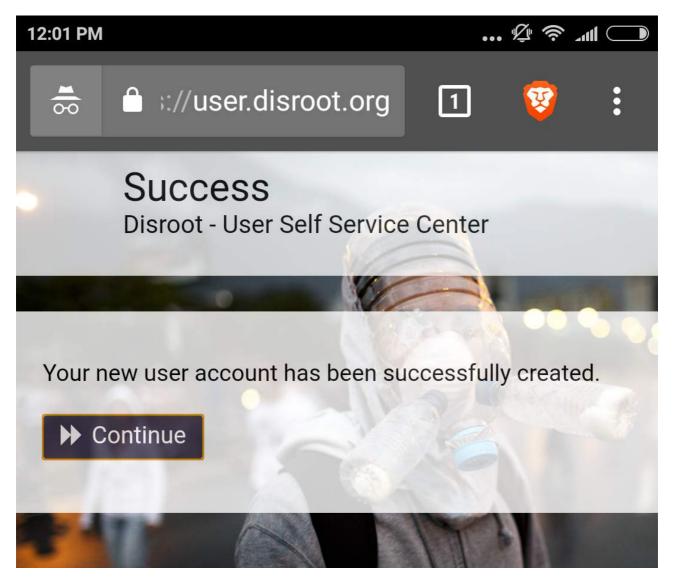


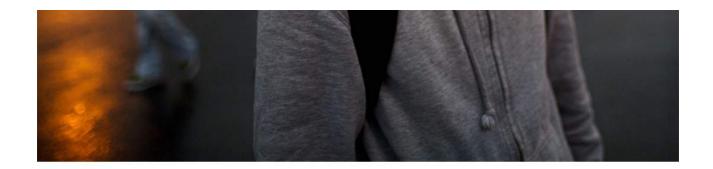


5. it will prompt you this. Click Continue



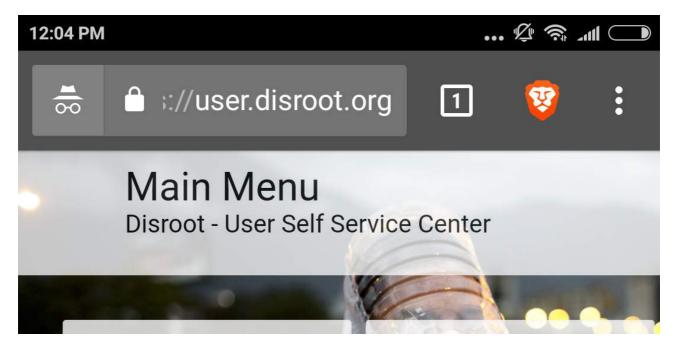
6. Congrats! your user account is created! Click Continue

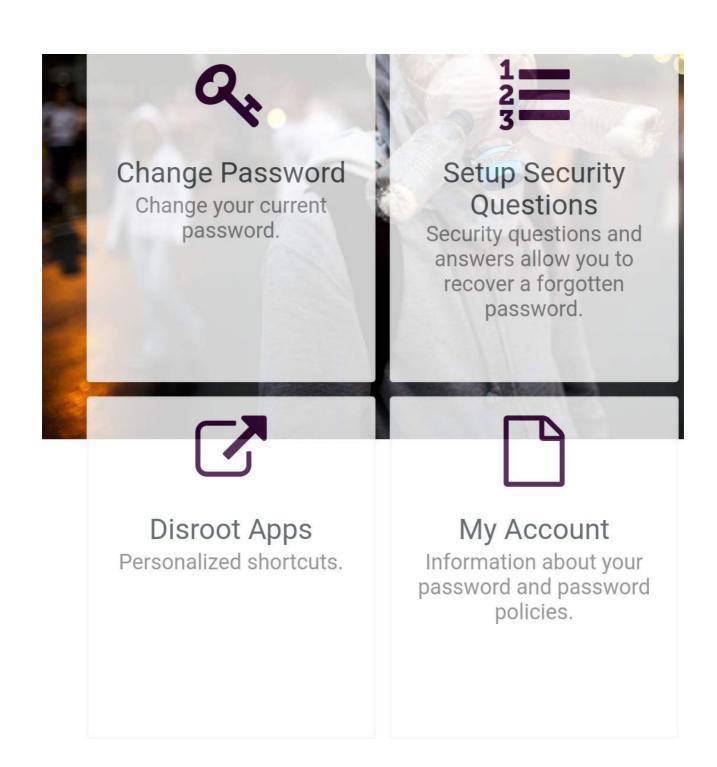




codecracka • Idle Timeout: 4 minutes • Eng

7. This is your user page! You can now proceed to the <u>Riot App (mobile.md)</u>, <u>Web client (web.md)</u> or <u>Desktop (desktop.md)</u> to login!





Back to **Index (index.md)** 

**Riot Web Client** 

Login

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

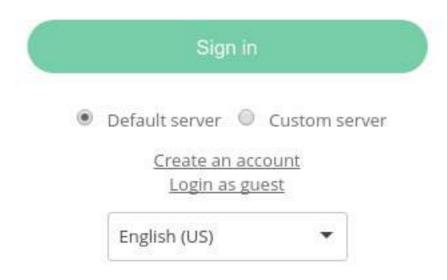
Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint. It is important to back up your E2E Room Key every time you log out

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



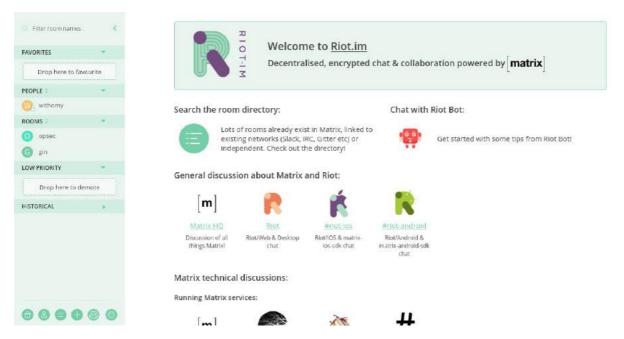
# Sign in

Sign in with	disroot.org Matrix ID	•
growpotkin		
Forgot your pas	sword?	



blog · twitter · github · powered by Matrix

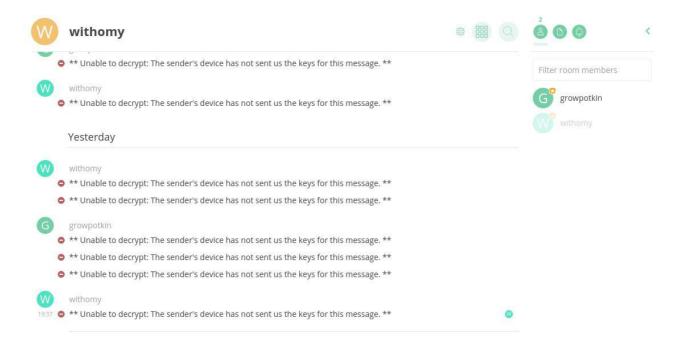
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat** 



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.

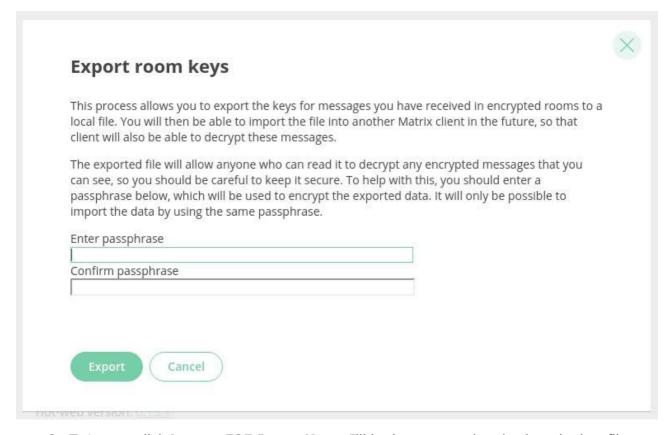


## **Import / Export Keys**

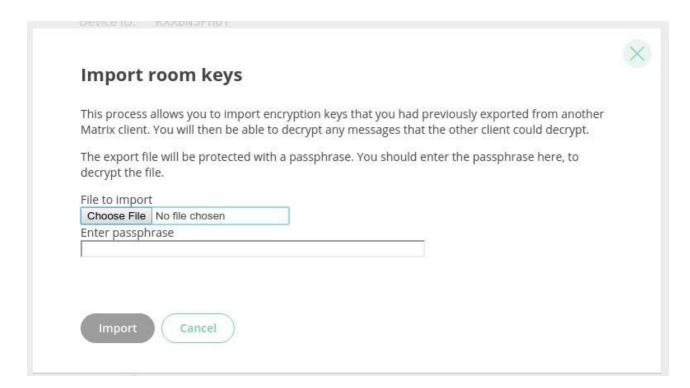
1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys



2. 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** 



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



Back to **Index (index.md)** 

## **Riot Web Client**

## Login

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

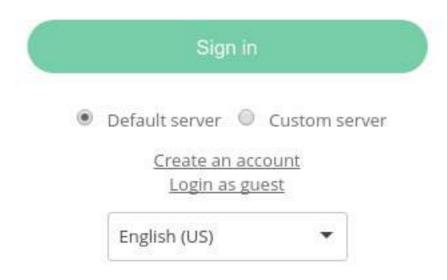
Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint. It is important to back up your E2E Room Key every time you log out

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



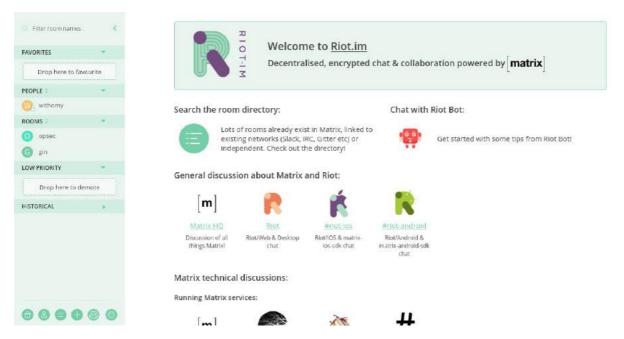
# Sign in

Sign in with	disroot.org Matrix ID	•
growpotkin		
Forgot your pas	sword?	



blog · twitter · github · powered by Matrix

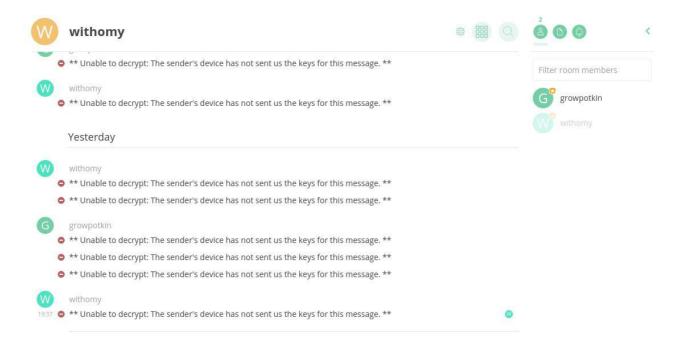
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3. Fill in the username you want to connect, click the name if necessary.



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.

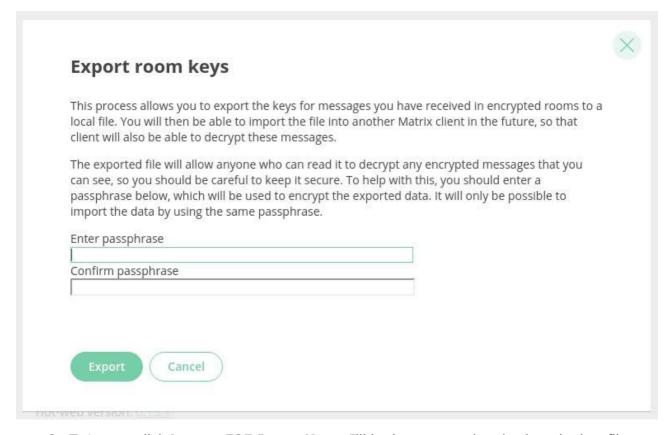


## **Import / Export Keys**

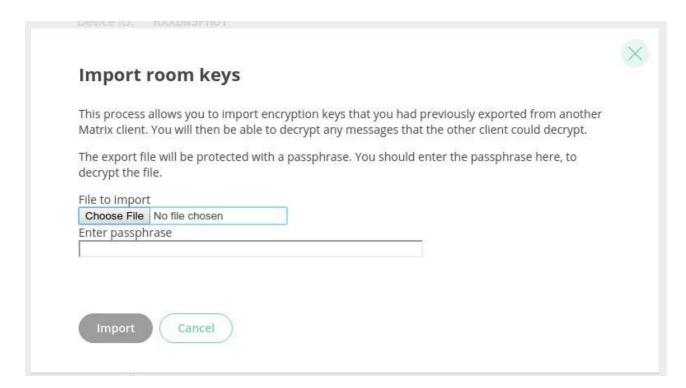
1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys



2. 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** 



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



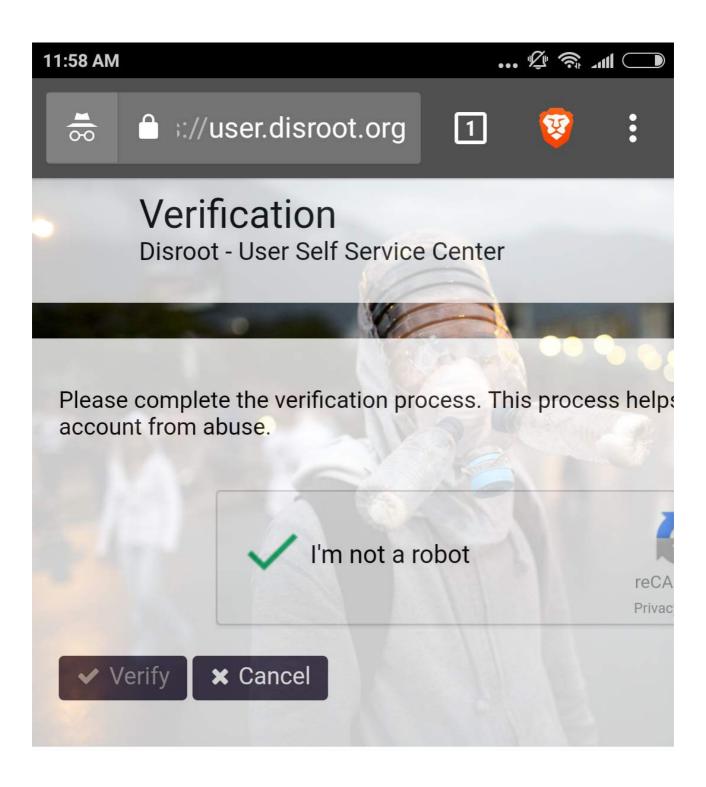
Back to **Index (index.md)** 

#### **Create Disroot User Account**

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

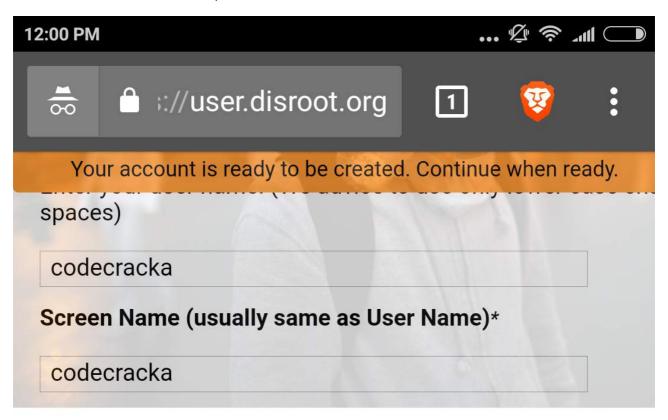
**Note:** You do not need an email to register for Disroot account. You should create a username that is easily identifyable by the members in the chat

1. <u>Go through here (https://user.disroot.org/pwn-disroot/public/)</u>. *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

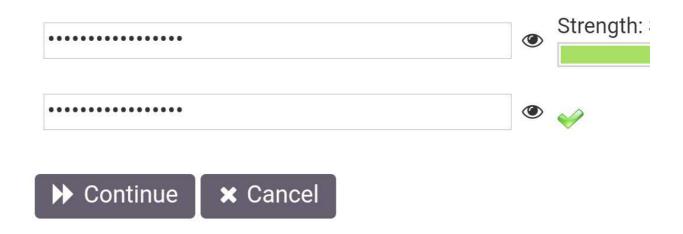


#### New Password\*

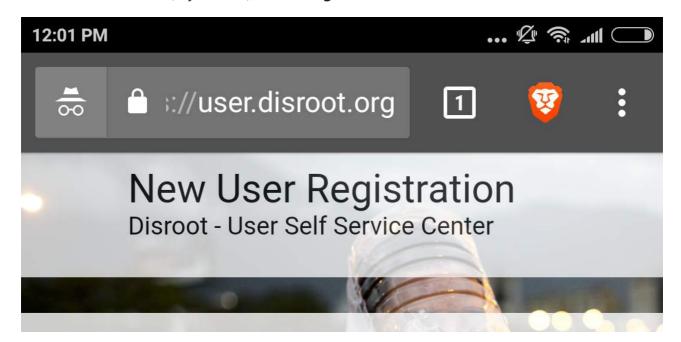
## Please follow the below password rules

Password is case sensitive

- · I GOOTTOIG TO CASE SCHOLLING.
- Must be at least 8 characters long.
- Password cannot be longer then 64 characters
- Password must use ASCII (latin) characters!(dont specific characters)
- You may use any special character
- o 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 us characters.



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

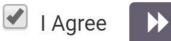


### Terms Of Service

By using any of the services provided by disrocto the following TERMS OF USE. TOS v1.0 By using services provided by disroot.org you agree to of 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 like published on the announcement forum. Disroot is all share servers resources, collaborate and us services together. It is important that everyor understands it and feels equally responsible for keep to the following guidelines so we all get

### Space limits on disk:

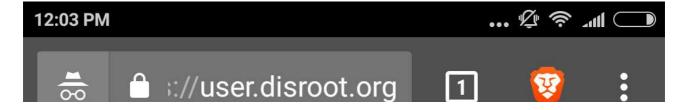
Resources are scarce. Keep in mind keeping unnearly and emails might limit server space, which can accounts served to others. Don't litter! Accounts the standard accounts.

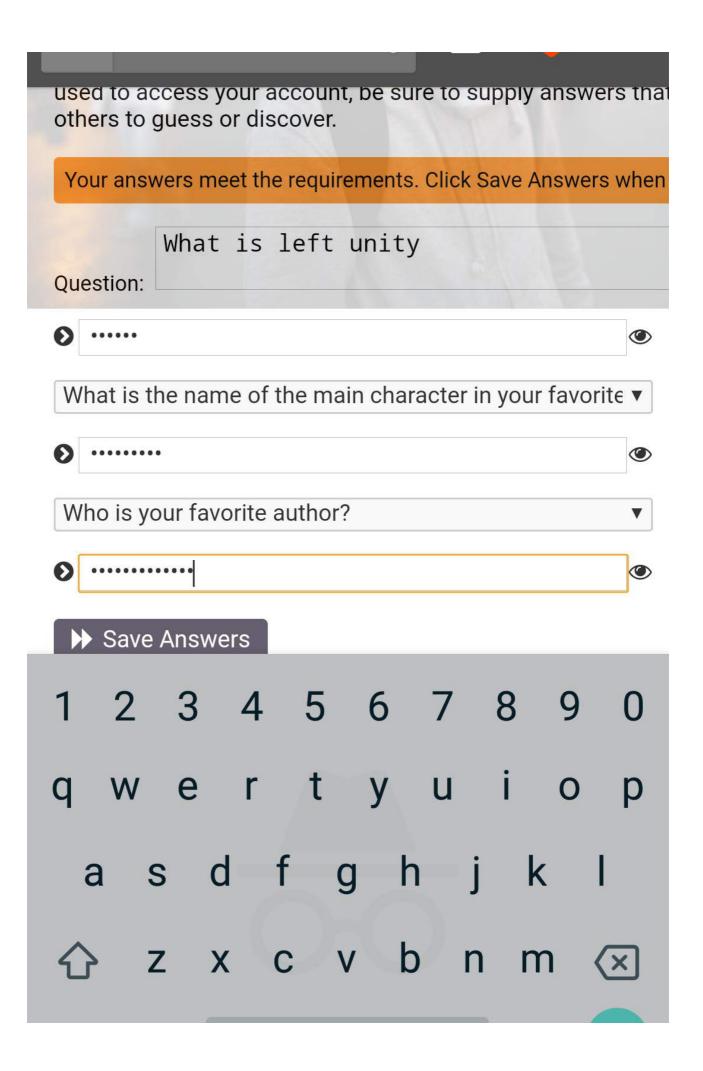




**◀** Go Back

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

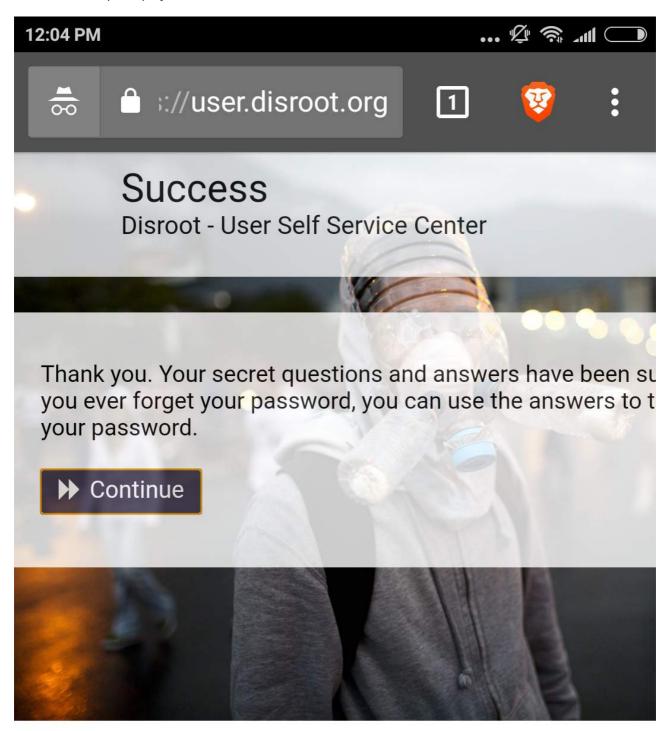




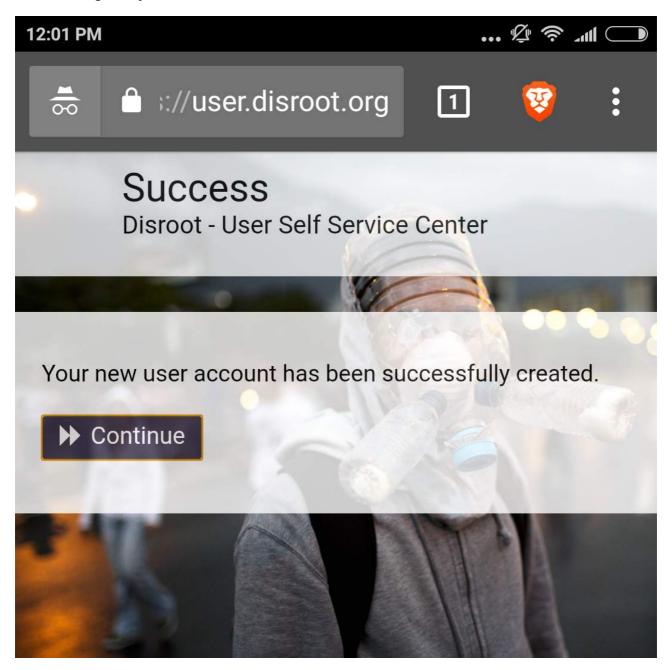
?123



5. it will prompt you this. Click Continue



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



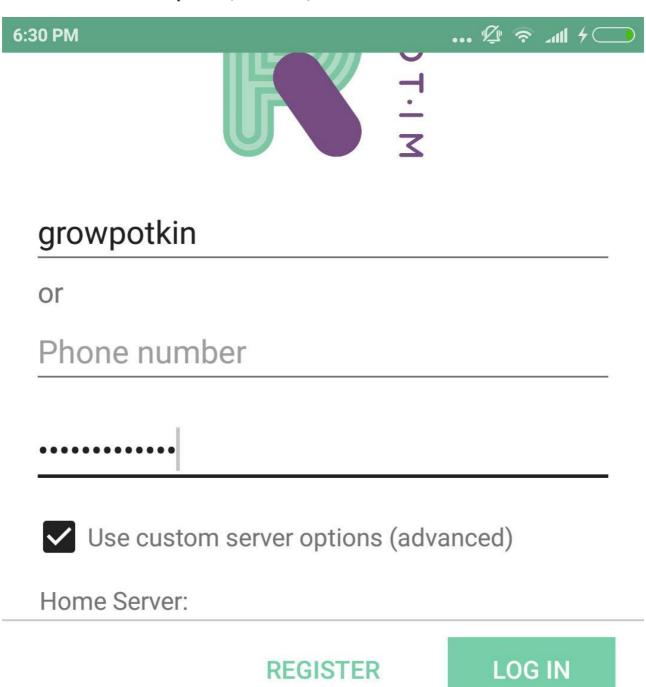
codecracka • Idle Timeout: 4 minutes • Eng

7. This is your user page! You can now proceed to the <u>Riot App (mobile.md)</u>, <u>Web client (web.md)</u> or <u>Desktop (desktop.md)</u> to login!

**Back to Index (index.md)** 

### **Install / Login**

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





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







Use custom server options (advanced)

Home Server:

https://disroot.org ←

**Identity Server:** 

https://matrix.org

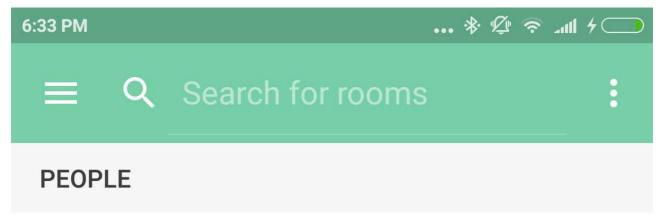
Forgot password?



REGISTER

**LOG IN** 

4. This is how the user page look like







### **ROOMS**













### **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)**



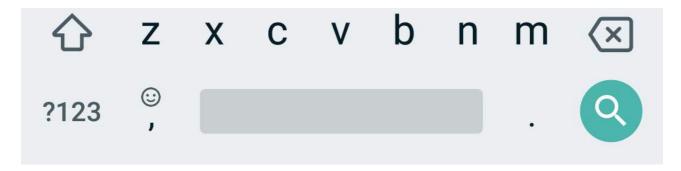
withomy Online now



1 2 3 4 5 6 7 8 9

qwertyuiop

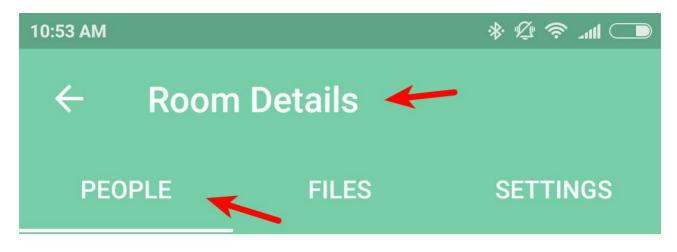
asdfghjkl



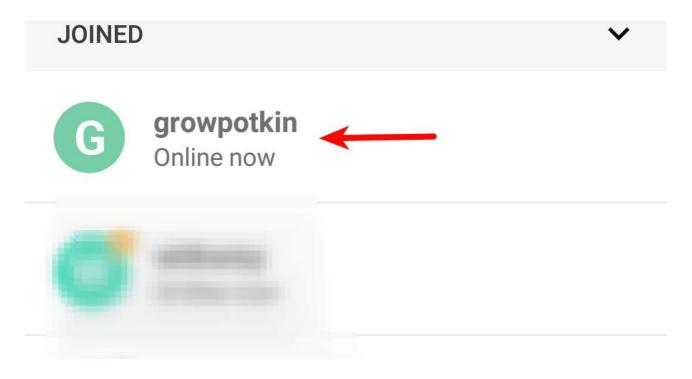
#### **Verify Fingerprint**

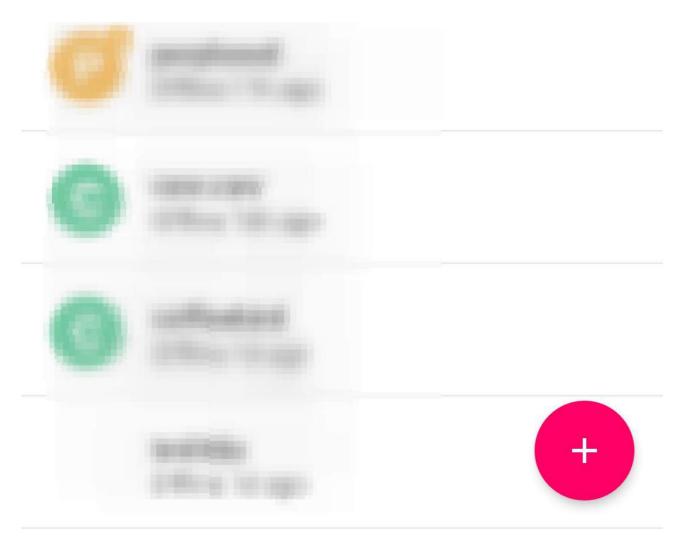
To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should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

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

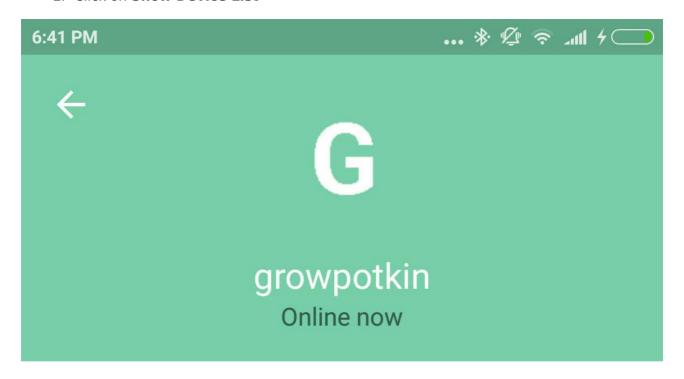


### Filter room members





#### 2. Click on **Show Device List**





Leave this room

### **DEVICES**



**Show Device List** 

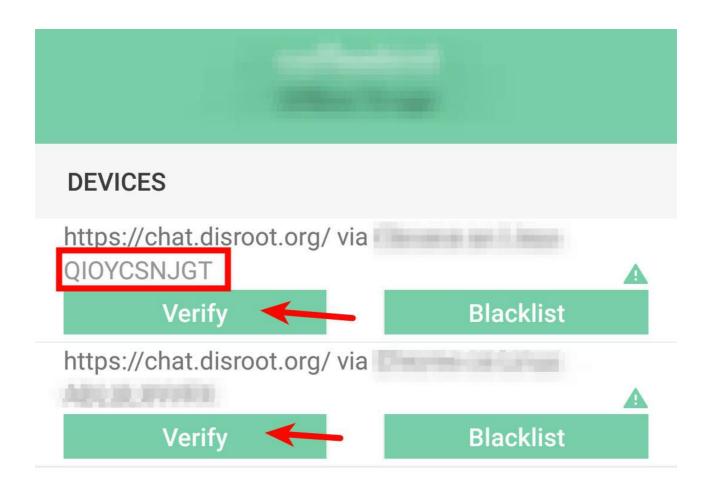


### **DIRECT CHATS**



+ Start New Chat

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



4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click I 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** 

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

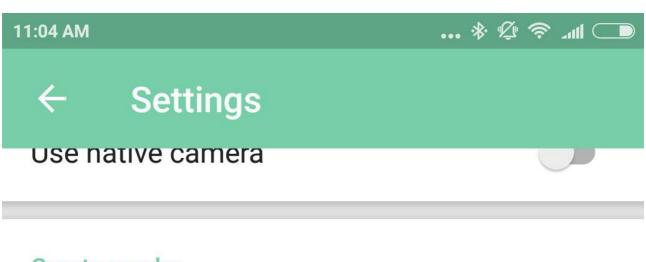
5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.



#### **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



### Cryptography

Device name

**Device ID** 

Device key

# Export E2E room keys

Export the keys to a local file

# Import E2E room keys

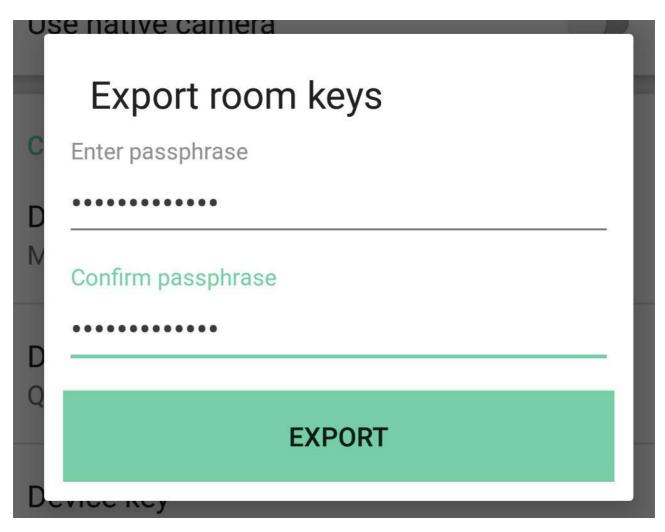
Import the keys from a local file

## 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 <a href="Index.md">Index.md</a>)

### **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 <u>Windows / MacOS (https://riot.im/desktop.html)</u>, <u>Debian (http://data.agaric.com/how-install-riot-desktop-matrix-client-debian-based-systems)</u> and <u>Build from Source (https://github.com/vector-im/riot-web#running-as-a-desktop-app)</u>

#### Login

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



### Sign in

Sign in with	disroot.org Matrix ID	*
growpotkin		
**********		

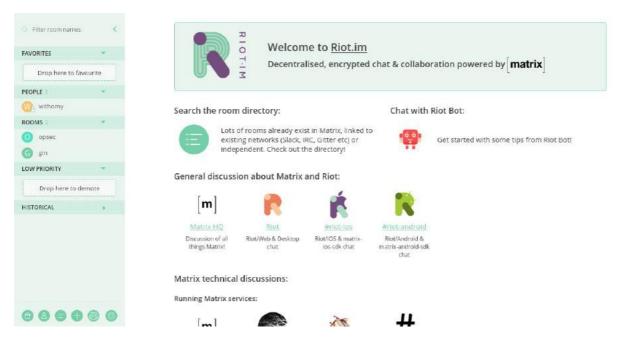
#### Forgot your password?



#### What does this mean?

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

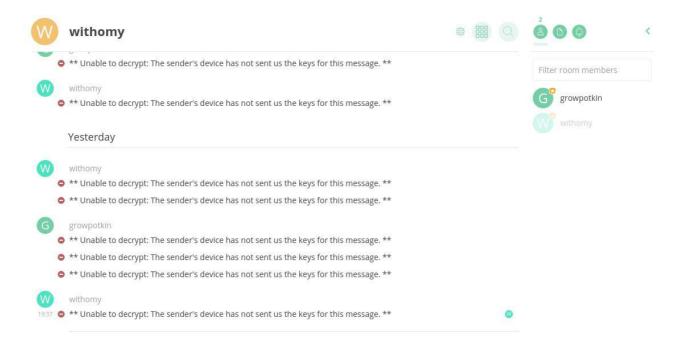
#### Chat



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.

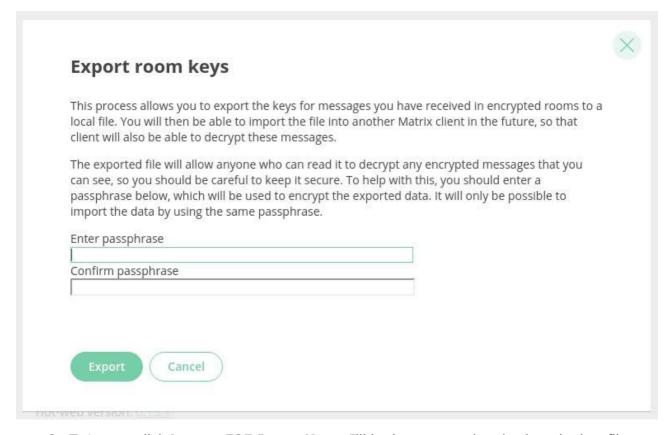


### **Import / Export Keys**

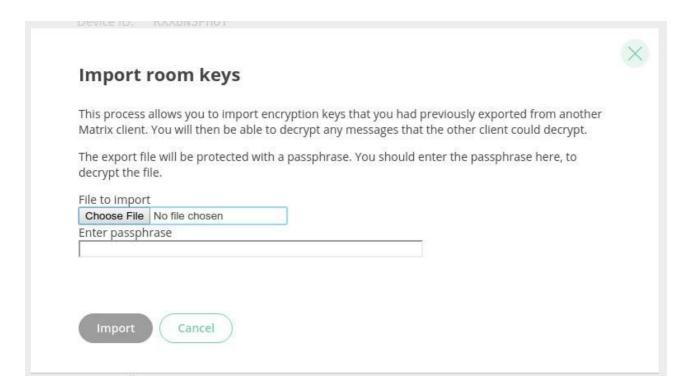
1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys



2. 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** 



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



#### Back to Index (index.md)

**Guide To Using Matrix on Disroot** 



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

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

**Create an Account (user.md)** 

Android/iOS (mobile.md)

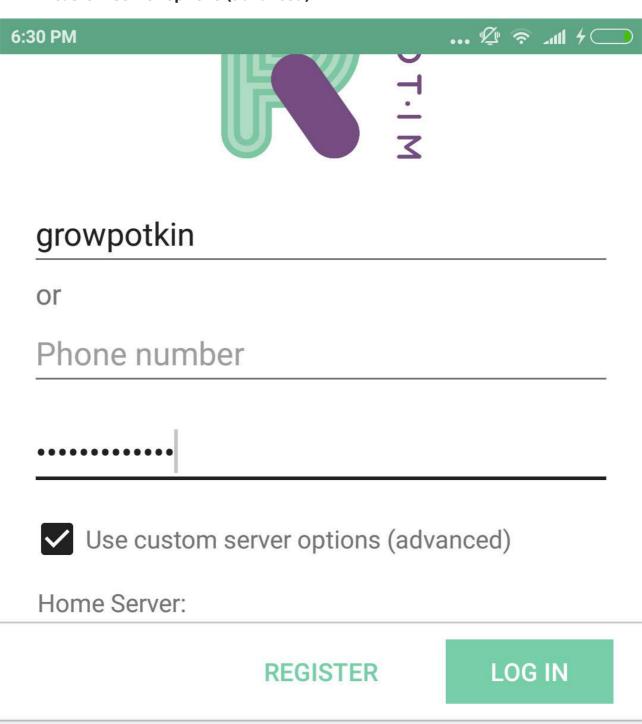
**Web Client (web.md)** 

**Desktop (desktop.md)** 

Tips (tips.md)

#### **Install / Login**

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





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







Use custom server options (advanced)

Home Server:

https://disroot.org ←

**Identity Server:** 

https://matrix.org

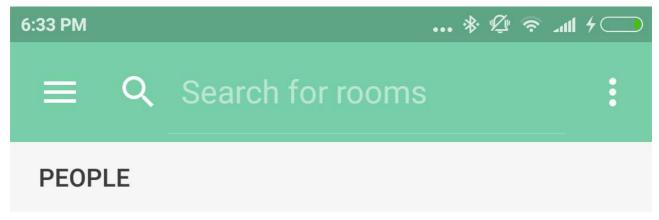
Forgot password?



REGISTER

**LOG IN** 

4. This is how the user page look like







### **ROOMS**



gii











### **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)**



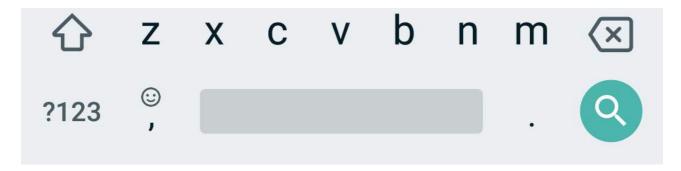
withomy Online now



1 2 3 4 5 6 7 8 9

qwertyuiop

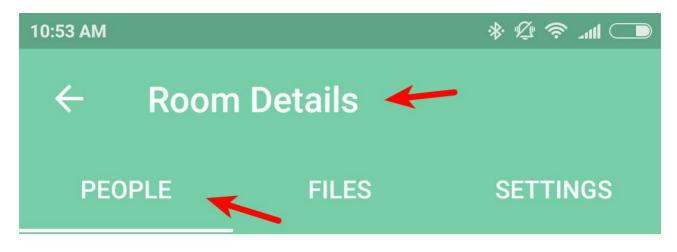
asdfghjkl



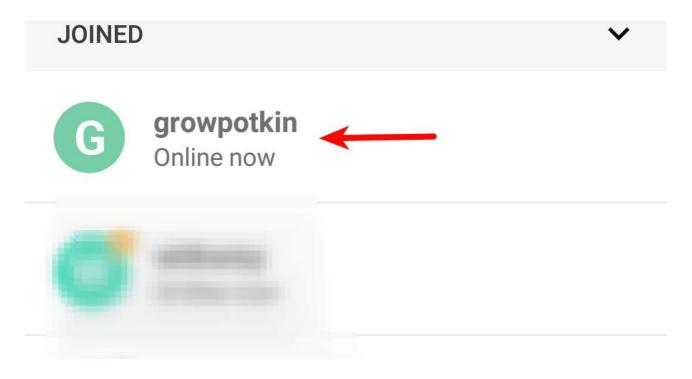
#### **Verify Fingerprint**

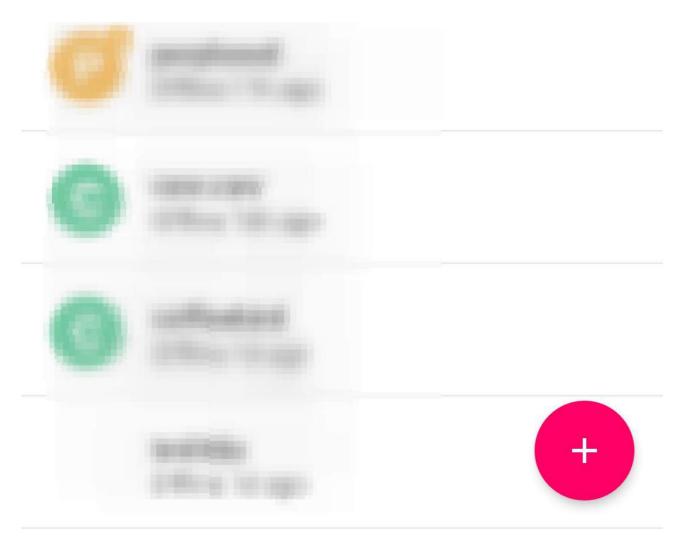
To read, send or receive encrypted message you must first verify the keys of user. (and vice versa) They should exchange the fingerprints with you to confirm they are the person you communicate to. An example of fingerprint is **APOCJNQLMB**, each fingerprint is unique and exact 10 characters. You should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

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

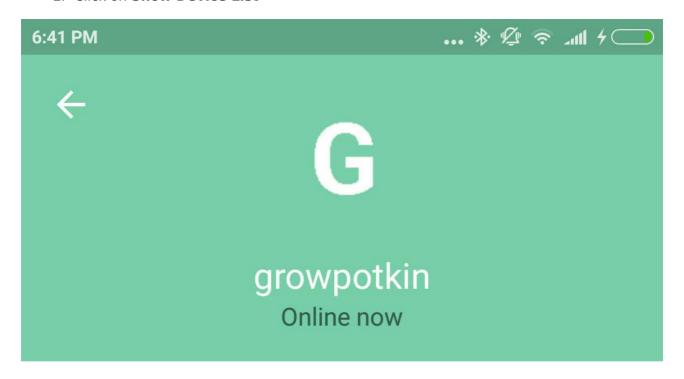


### Filter room members





#### 2. Click on **Show Device List**





Leave this room

### **DEVICES**



**Show Device List** 

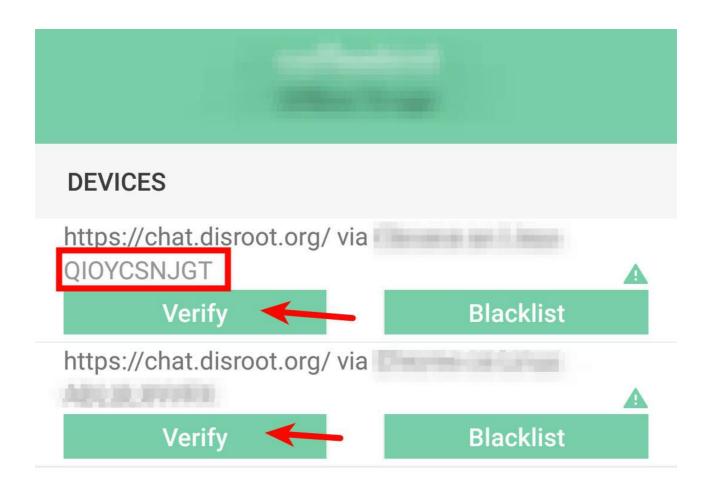


### **DIRECT CHATS**



+ Start New Chat

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



4. It will ask you to confirm the key, device ID and its fingerprint. When ready, click I 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** 

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.

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I VERIFY THAT THE KEYS MATCH

CANCEL

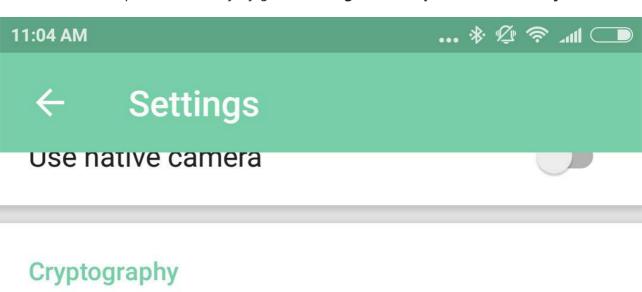
5. Now their key is verified. **You should see the lock** instead of the warning sign. To *Unverify* click it again.



#### **Import / Export Room Key**

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



Device name

**Device ID** 

Device key

# Export E2E room keys

Export the keys to a local file

# Import E2E room keys

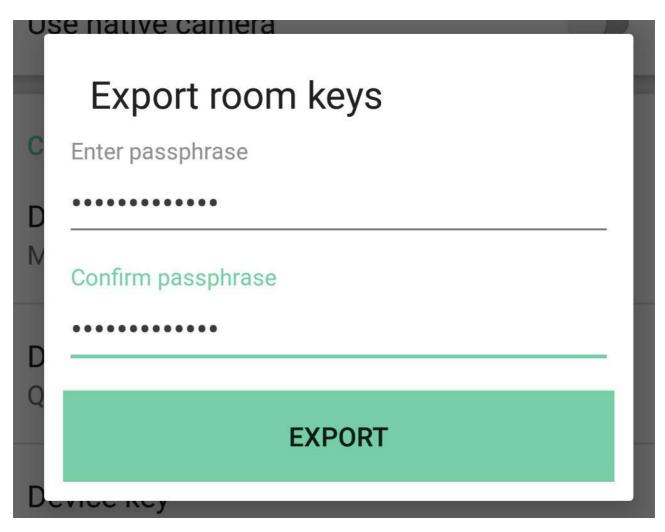
Import the keys from a local file

## 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**

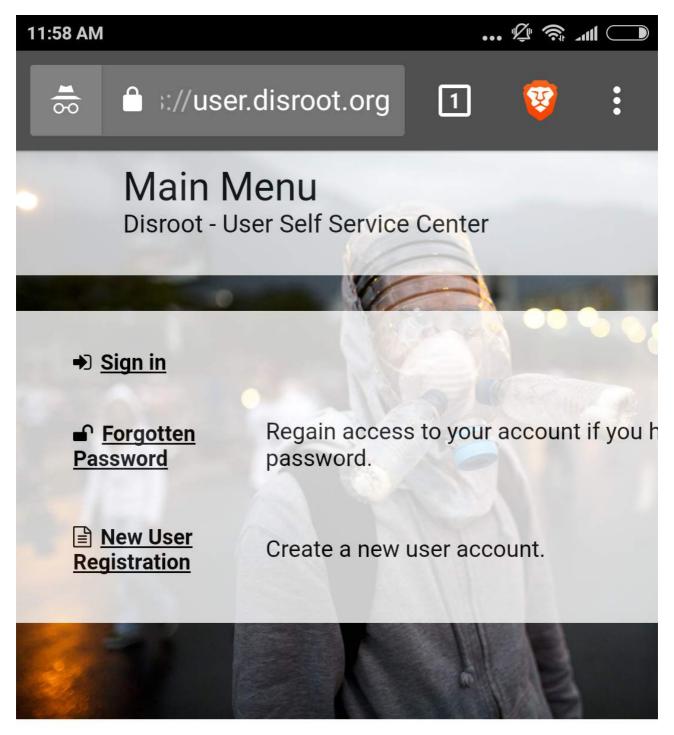
```
Version 1.0 - guide created
Version 1.1 [sometime in future] - Add Riot over Tor guide.
```

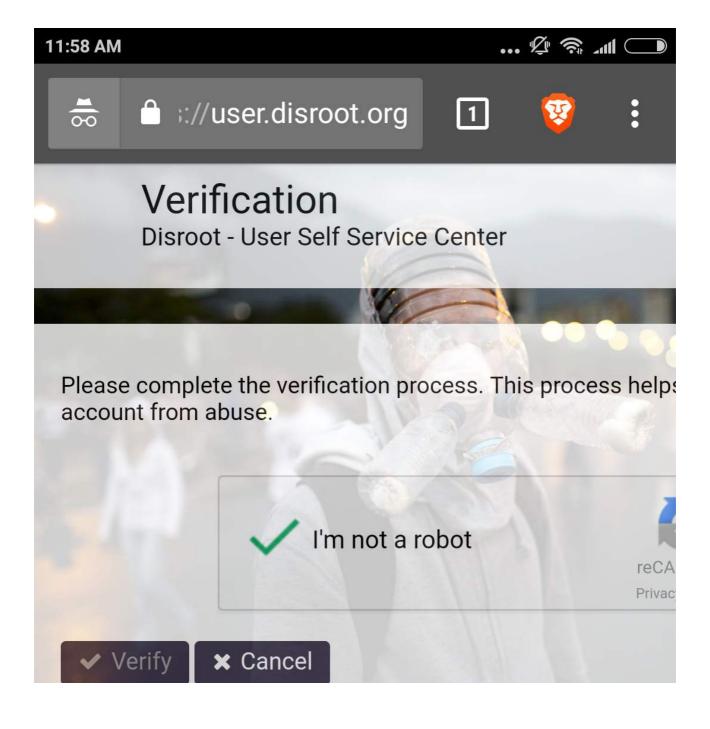
#### **Create Disroot User Account**

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 identifyable by the members in the chat

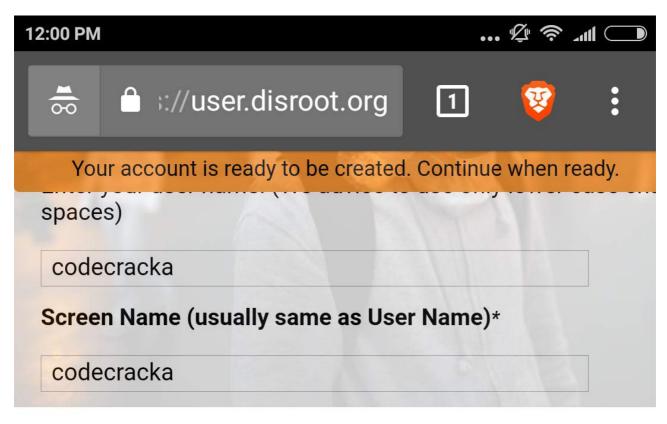
1. <u>Go through here (https://user.disroot.org/pwn-disroot/public/)</u>. *Note: There are timeout limit on the page if there is no interection.* Click **New User Registration** 





Idle Timeout: 4 minutes • English

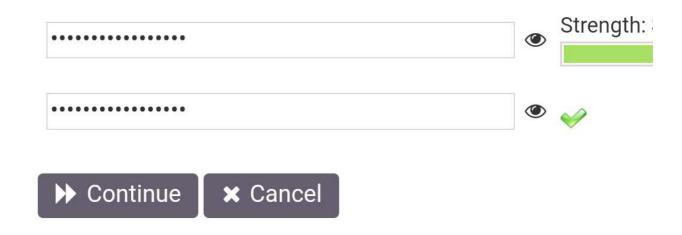
2. Fill out username and password. Click Continue



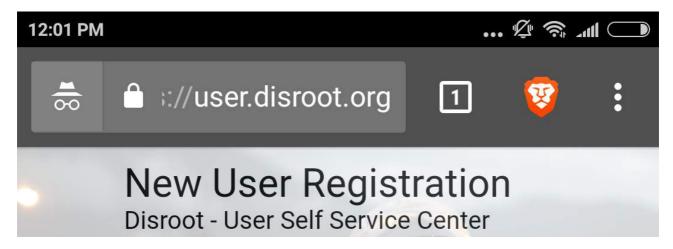
New Password\*

### Please follow the below password rules

- Password is case sensitive.
- Must be at least 8 characters long.
- Password cannot be longer then 64 characters
- Password must use ASCII (latin) characters!(dont 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 us characters.



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



### Terms Of Service

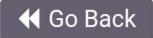
By using any of the services provided by disrocto the following TERMS OF USE. TOS v1.0 By using services provided by disroot.org you agree to continuous can be changed at any time with notice. However we highly evaluate transparency best to make sure users are notified as soon as any major changes via email, Diaspora\* network announcement forum, minor changes will most like published on the announcement forum. Disroot is all share servers resources, collaborate and us services together. It is important that everyor understands it and feels equally responsible for keep to the following guidelines so we all get

### Space limits on disk:

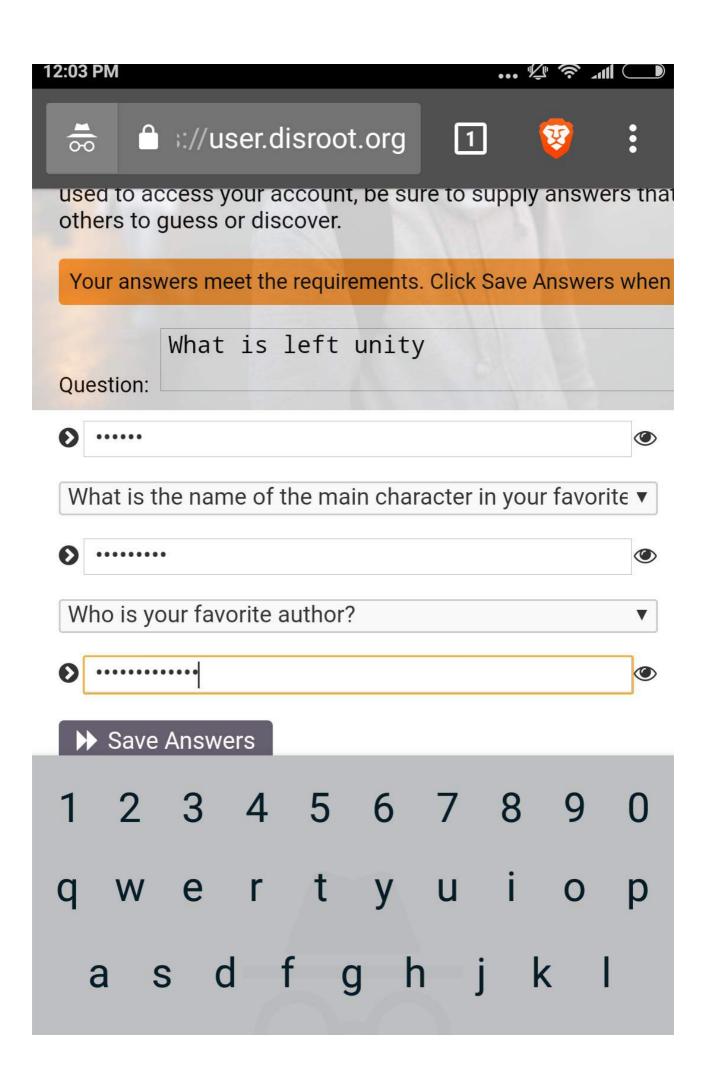
Resources are scarce. Keep in mind keeping unneand emails might limit server space, which can accounts served to others. Don't litter! Accounts associated associated associated.

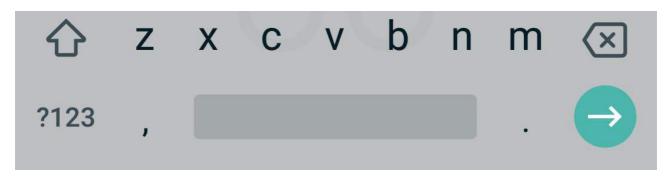




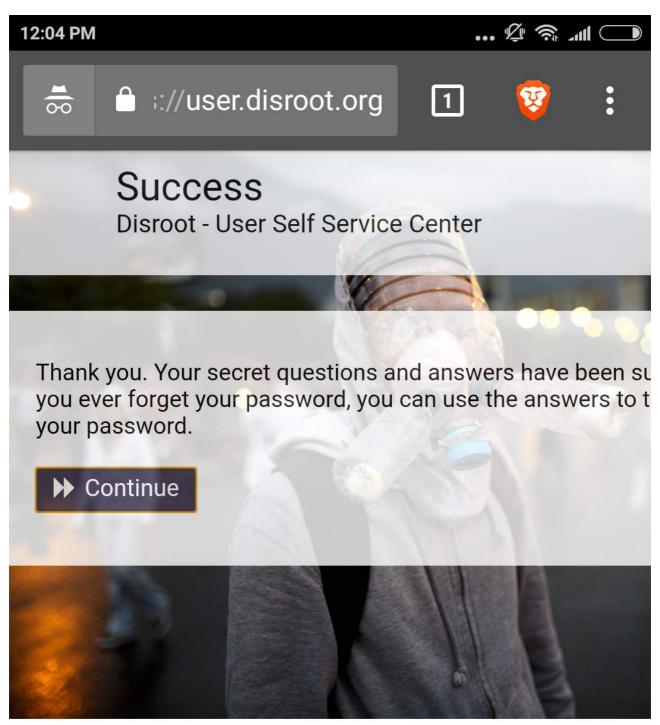


4. Fill out the security questions and answers. click Continue

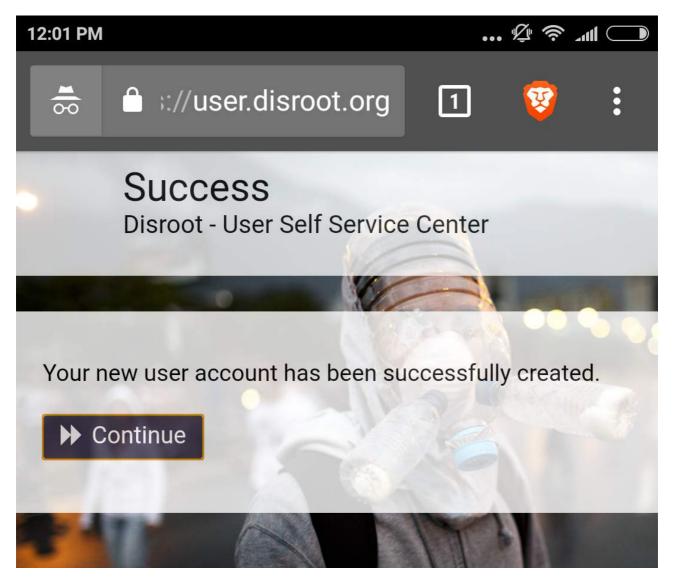


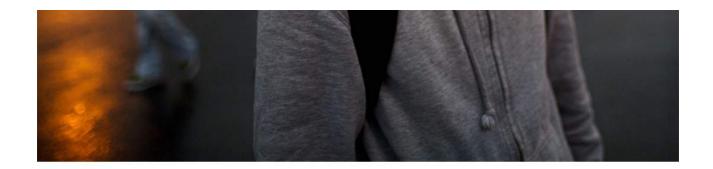


5. it will prompt you this. Click Continue



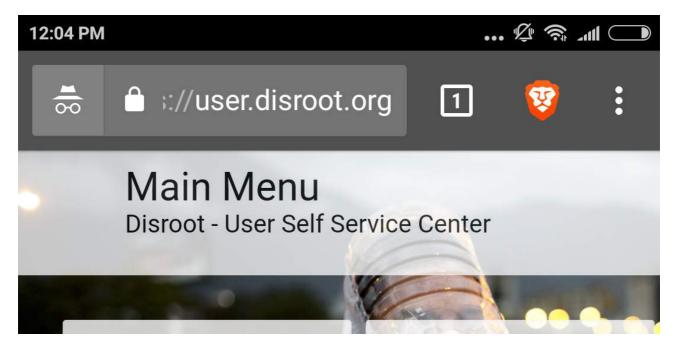
6. Congrats! your user account is created! Click Continue

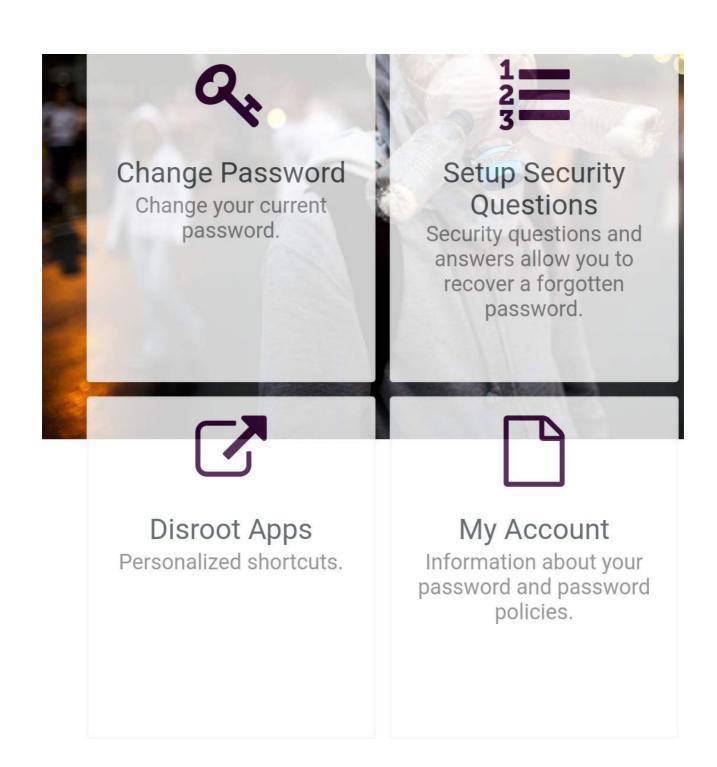




codecracka • Idle Timeout: 4 minutes • Eng

7. This is your user page! You can now proceed to the <u>Riot App (mobile.md)</u>, <u>Web client (web.md)</u> or <u>Desktop (desktop.md)</u> to login!





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**Riot Web Client** 

Login

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

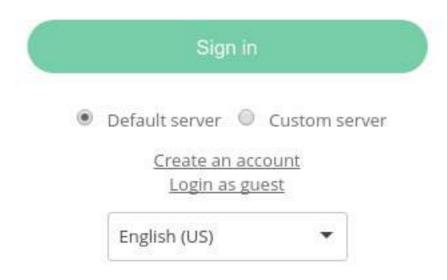
Note: Keep in mind that if your Device ID and keys changed you must re-verify your fingerprint. It is important to back up your E2E Room Key every time you log out

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



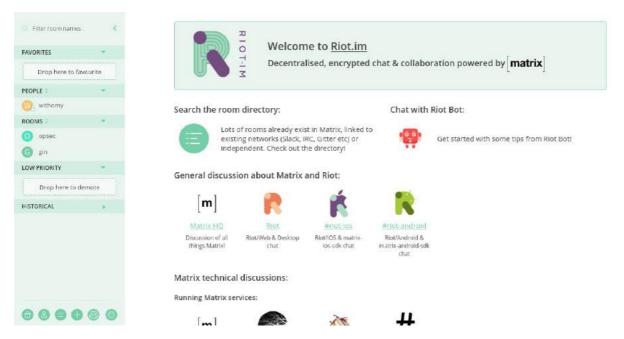
# Sign in

Sign in with	disroot.org Matrix ID	•
growpotkin		
Forgot your pas	sword?	



blog · twitter · github · powered by Matrix

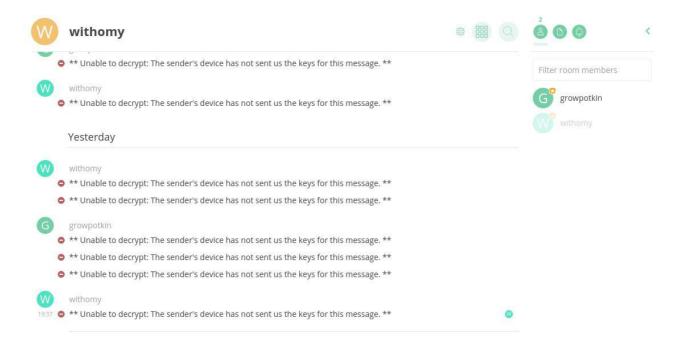
2. This is your home page. To Add User click on the Second Icon in the Bottom Left, **Start Chat** 



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.

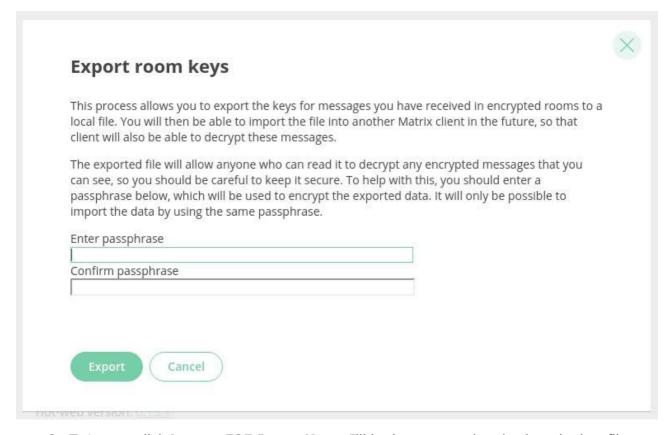


### **Import / Export Keys**

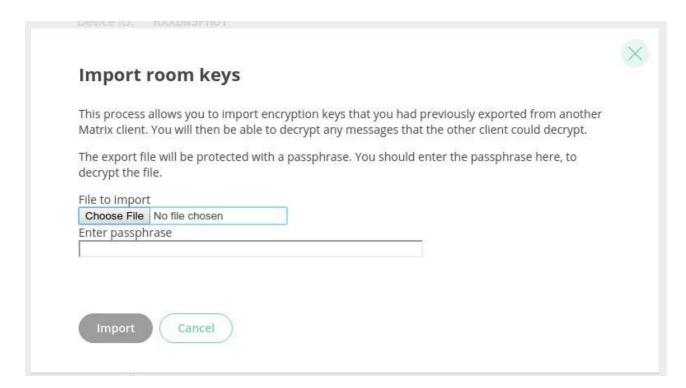
1. Go to **Settings** (last icon at the Bottom Left), scroll down to E2E Room Keys



2. 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** 



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



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