Greymass

Account Creation in Anchor

Guide for Anchor on Android

Version: 0.36.3

Step 1 - Add Account

This is the first screen you will see after you install Anchor on Android.

To proceed, press "Add Account"

Note: Select "Go to preferences" to edit the following parameters

- Show Testnets - Adds "Jungle Testnet" as an option within account creation

- Show Debug info - Can provide helpful debug information to assist in troubleshooting
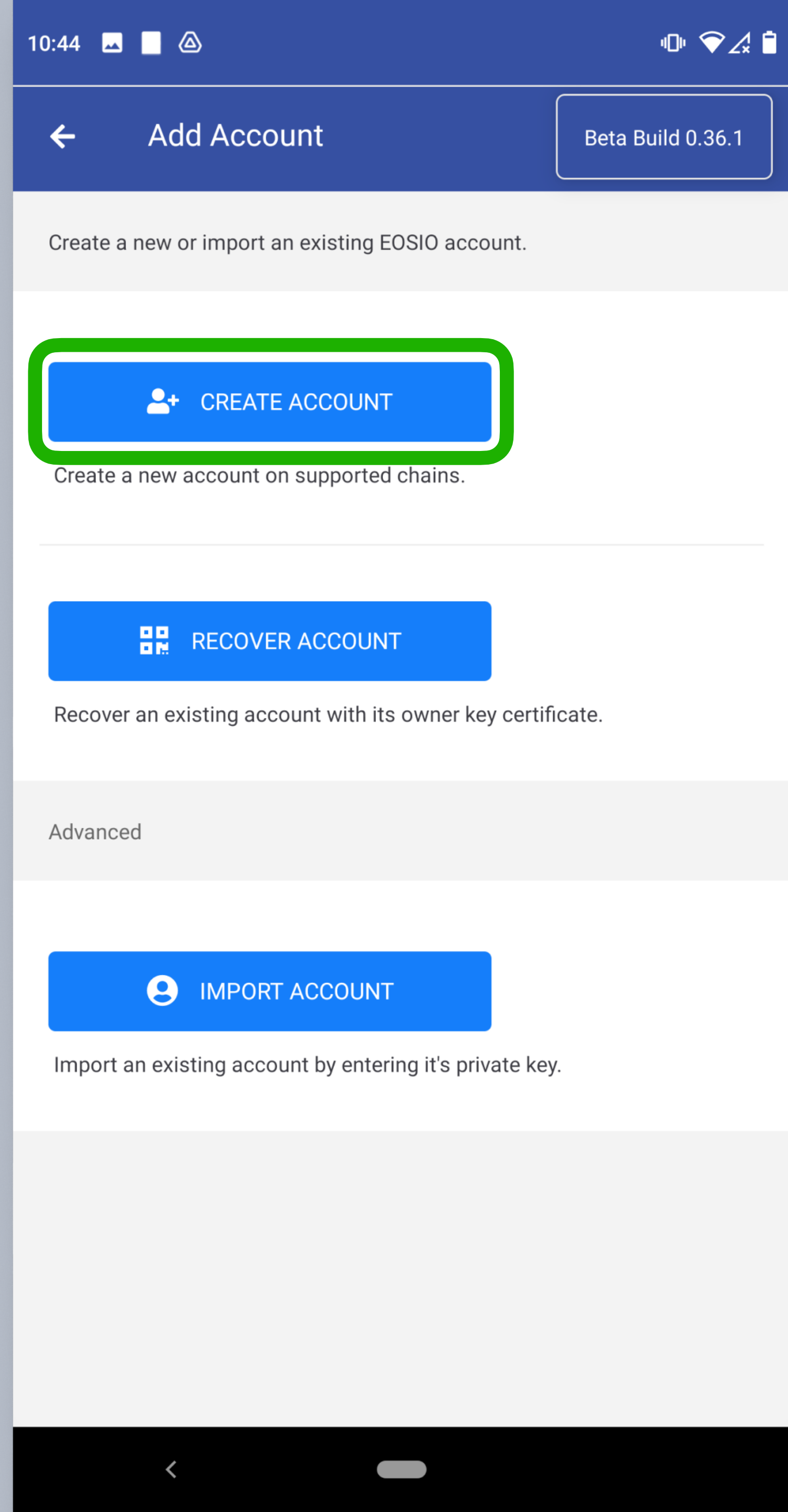
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Last updated 2022.05.06 - support@greymass.com

Step 2 - Create Account

Select "Create Account"

On this screen, you can also Recover your account via a document called an "Owner Key Certificate" or you can import and account using its private key.

Both of these additional options are covered in more depth in the following tutorials: Account Import and Account Recovery

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10:44

← **Add Account**   Beta Build 0.36.1

Create a new or import an existing EOSIO account.

CREATE ACCOUNT

Create a new account on supported chains.

RECOVER ACCOUNT

Recover an existing account with its owner key certificate.

Advanced

IMPORT ACCOUNT

Import an existing account by entering it's private key.

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Step 3 - Select Token

For our example, we'll be selecting "Jungle Testnet - Free"

Note: This screen can have other token options, but are currently limited as the app is in Beta

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← Account Type | Beta Build 0.36.1

Select the network you want to create your new EOSIO account on.

JUNGLE 3 (TESTNET)

Jungle Testnet - Free

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Step 4 - Account Name

This is where you will select your account name. You can create a name of your own or let "Random Name" select one for you.

There are a couple of important criteria to consider

- Can use no more than 8 characters

- Will include ".gm" at the end

- Names with particular words will not be created

Once a name has been created, select "Continue"

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Step 5 - Confirm Information

This screen will confirm your information and preferred method of security. "Biometry" and "PIN" (Not shown) are both available options for security

Once you are ready, select "Create Account" to move on.

Note: At this point and going forward, you will be prompted to authorize activity in Anchor via your preferred security method.
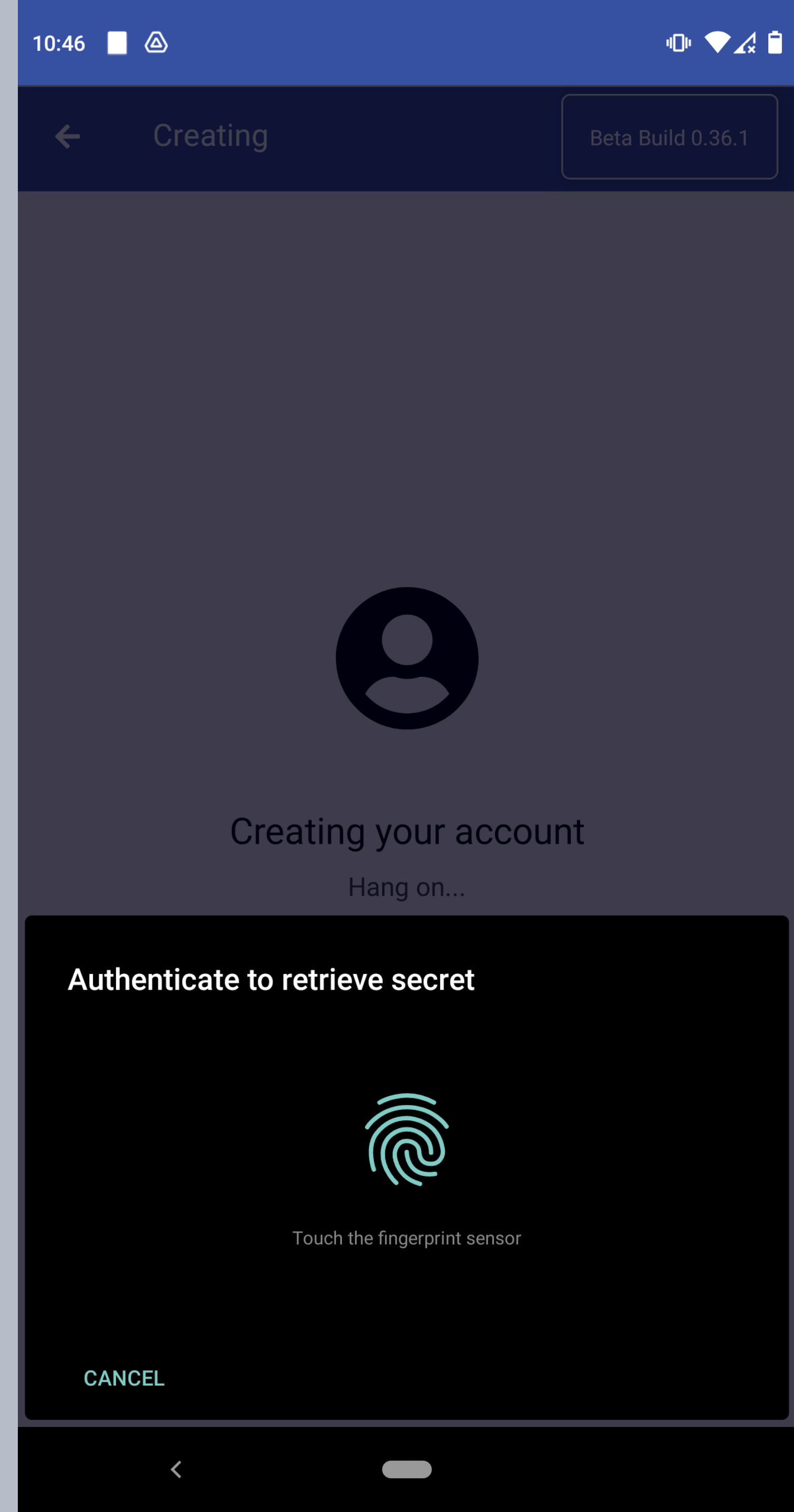
Step 6 - Account Created

At this point, technically, your account is created and is ready for use.

However, it it's HIGHLY recommended that you backup your account. If you do not backup your account, you will NOT be able to recover your account, in case of an emergency.

Select "Backup Account" to continue.

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Account Created

demoacct.gm@active

You can not recover your account if you don't have the owner certificate printed and the encryption words written down. Let's do that now.

✓ LATER

🖶 BACKUP ACCOUNT

Step 7 - Backup Account

Backing up your account is critical to account recovery.

Creating your Owner Key Certificate quite literally exports your owner key into an encrypted certificate that you can print out and store in a secure place. Once exported, the owner key is removed from your device, but with that certificate, you will be able to recover access to your account on any device.

This certificate will be the ONLY source of the owner key for your account. As Anchor is "non-custodial", we purposely do not retain any user information in order to allow our users the highest level of security possible. Users are the sole owners of their accounts and only they are entrusted with the ability to make any changes to their account.

Creating this certificate insures that the governance of your account is as secure as possible.

Select "Continue" to advance.

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Step 8 - Create Certificate

You can now either print out or save your Owner Key Certificate. While it is recommended that you print a physical copy, saving a PDF is also an option.

At this stage, the certificate is NOT enough to recover your account. You must save the 6 words that will be presented in the following steps in order for your certificate to be considered authentic.

Once you have printed or saved your certificate, select "Print Certificate to Continue"

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← **Back up account**   Beta Build 0.36.1

Print Key Certificate

🖨 **Print**

↪ **Share**

The certificate is not usable until the encryption words are written down so so don't worry about sending over email or other less secure means.

ⓘ Pro Tip: Print more than one document.

PRINT CERTIFICATE TO CONTINUE

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Step 9 - Save the 6 Words

On this screen, you are presented with 6 words that you will enter into the spaces provided on the bottom of the Owner Key Certificate.

Note: While making sure the spelling is correct, the order of the words is of equal importance. Make sure you are matching the number to the left of the word to the matching space on your certificate.

Select "Continue" to advance

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Write encryption key

1	fruit	2	caution
3	head	4	when
5	switch	6	trophy

Write down your encryption keywords, this is the only time they will be displayed.

⚠ Warning
Important: Your backup sheet will not be usable if you do not write down your encryption words.
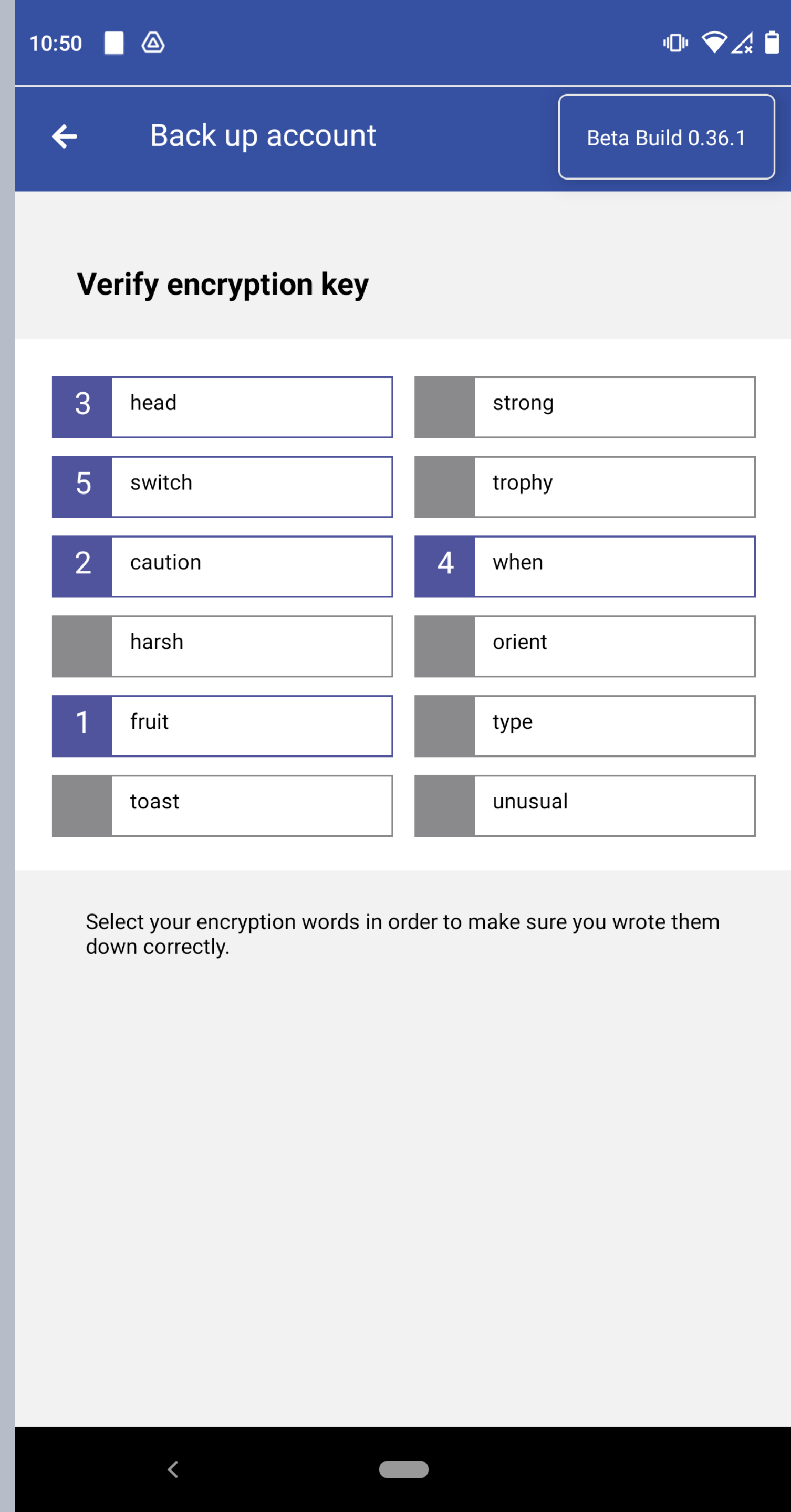
ⓘ Tip: Use a ballpoint pen or permanent marker.

CONTINUE

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Step 10 - Verify 6 words

Now that you've written down the 6 words on the bottom of your Owner Key Certificate, Anchor will ask you to verify the 6 words. A couple important pieces of info to note:

- Spelling and word order is critical here. Make sure you're taking the time to get the words exactly right.

- It's worth mentioning again that without the 6 words, your Owner Key Certificate will be unable to decrypt the key to recover your account.

- Please DO NOT memorize the words and assume the certificate will work without it. It will not and we will be unable to provide you the words.

Once you've entered the 6 words correct, the screen will advance on its own.

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← **Back up account**   Beta Build 0.36.1

Verify encryption key

3	head		strong
5	switch		trophy
2	caution	4	when
	harsh		orient
1	fruit		type
	toast		unusual

Select your encryption words in order to make sure you wrote them down correctly.

![Greymass logo]

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Step 11 - Key Certificate Info

This page is to remind you of the importance of your Owner Key Certificate, the role it plays in Anchor, and the necessity for secure storage.

Treat this like any other important document. With the Owner Key Certificate, anyone can change the keys of your account and take over access, locking you out of your assets

This, as well as any other keys in Anchor, are for your eyes only. Anchor Support will never ask for your Owner Key Certificate or any other account keys, nor do we have any way to provide them to you or override them. That certificate is the one and only master key. Keep it safe

Select "Continue" to move along

10:50

← **Back up account**   Beta Build 0.36.1

Key certificate security

Your key certificate with the encryption keywords entered is the master key to your account. With it you can recover your account should you lose or reset your phone. You can also use it to setup your account in Anchor on multiple devices. Store it in a secure location, don't photograph it or show it to anyone unless you intend for them to take possession of your account.

❌ Don't photograph your certificate.

✅ Store it in a safe location.

CONFIRM

Account Creation in Anchor - Android
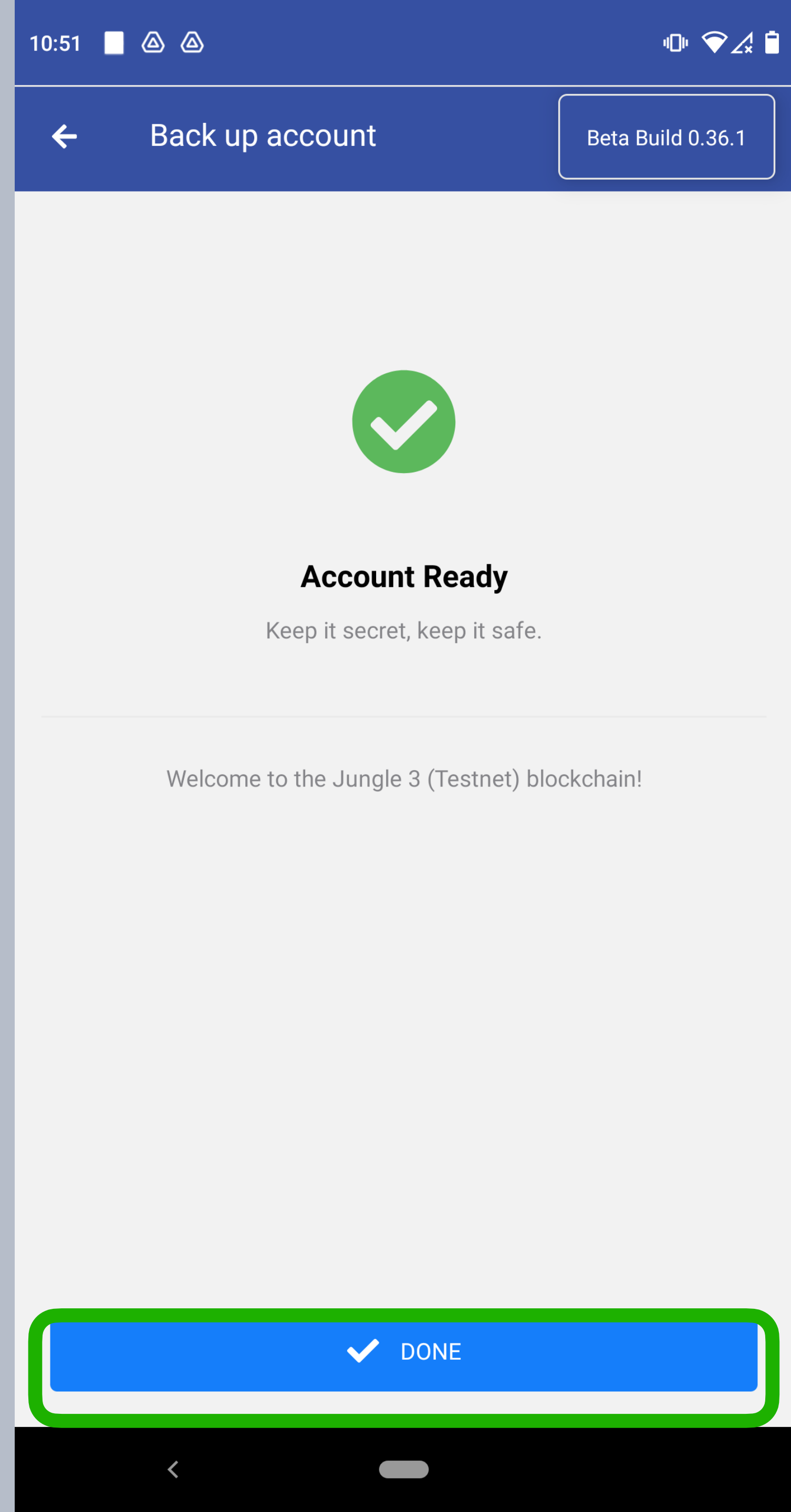
Step 12 - Account Ready

Congratulations, your account is created and ready to use!

Before you begin using your account, we HIGHLY recommend you test out your Owner Key Certificate beforehand. This accomplishes two things:

- Makes sure the certificate is valid and working as intended

- Gets you familiar with the recovery process

This is as low of stakes as possible, which is the best time to test a backup. To see more on that process, see our guide on Account Creation here

For now, let's validate and test your account. Click "Done" to continue.

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← **Back up account**   Beta Build 0.36.1

✓

Account Ready

Keep it secret, keep it safe.

Welcome to the Jungle 3 (Testnet) blockchain!

✓ **DONE**

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Step 13 - Account Validation

Now that your account is created, lets test it out!

To start, lets access your account within Anchor. From the Home Screen select "Accounts" and then select your Account Name.

From your account page, you can see basic information about your account. To see more info you can go to

- Web Wallet - See balance and have basic transactions, such as send and receive.

- Block Explorer - See balance and all information about your account on the chain. You cannot perform transactions, but you can see all of your history, as well as your public keys.
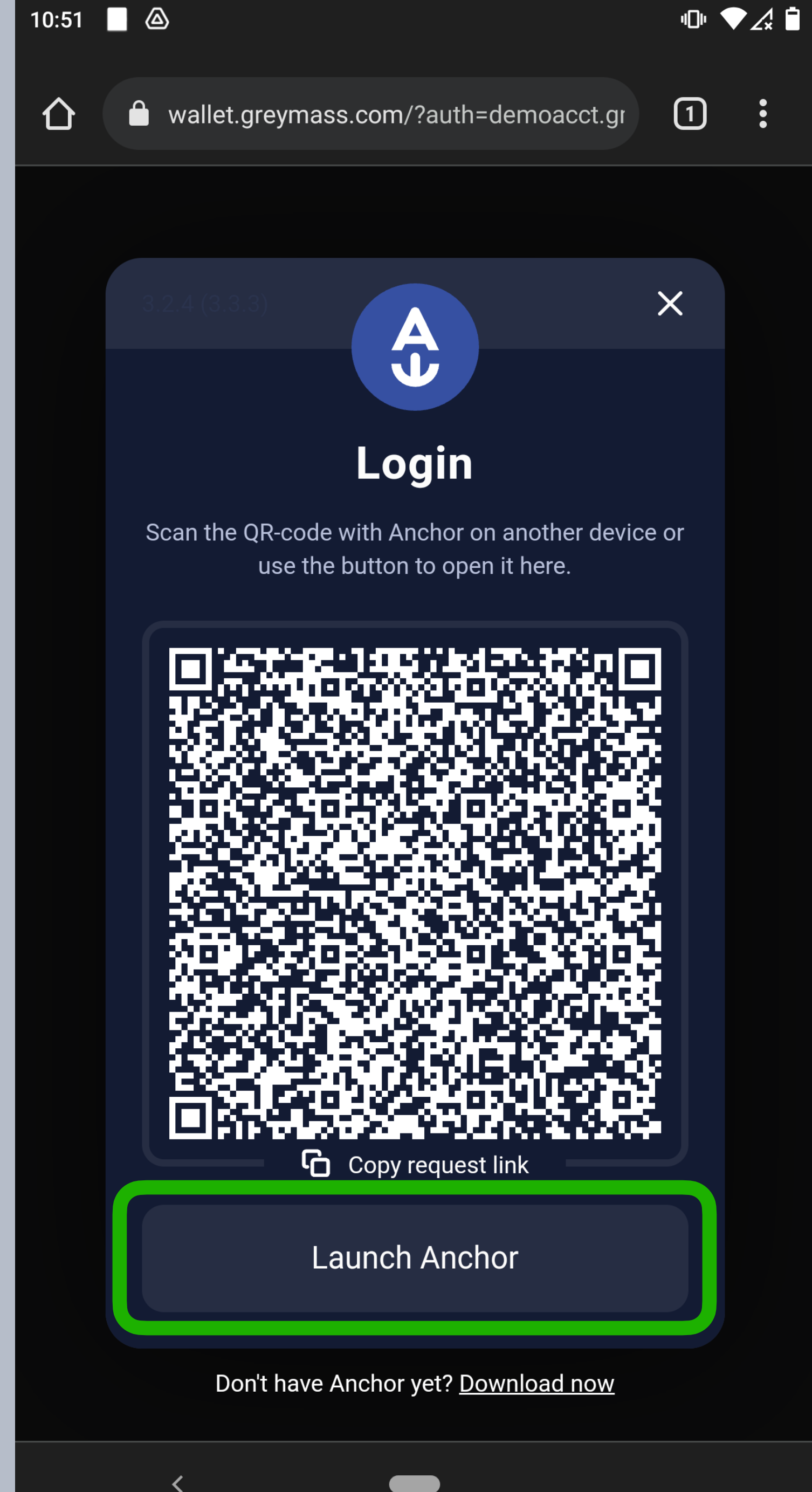
For now, lets select "Open in Web Wallet" to begin with
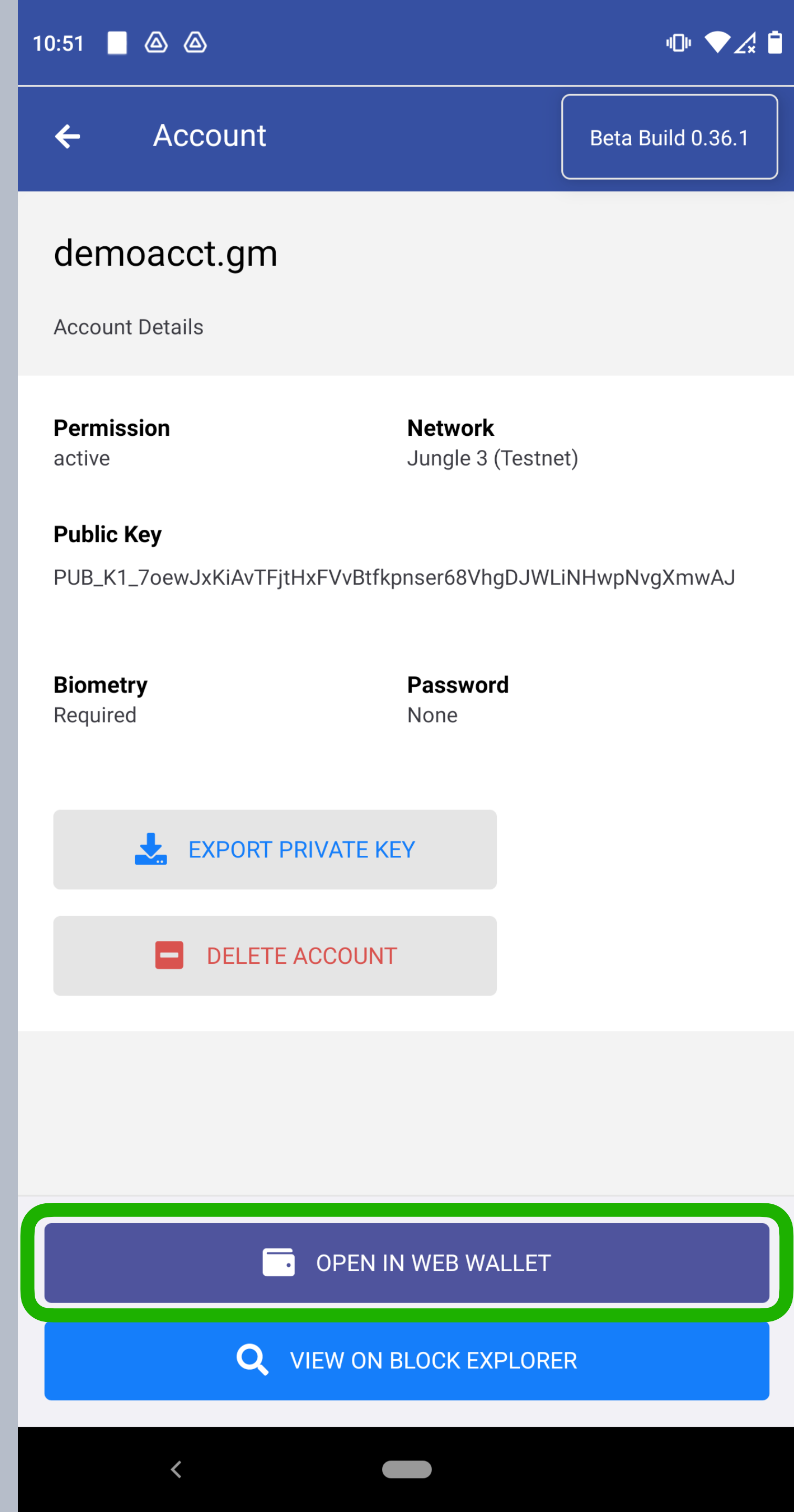
Step 14 - Anchor Login

When you click on Web Wallet, you'll be taken to a browser window where Anchor will provide an authentication prompt.

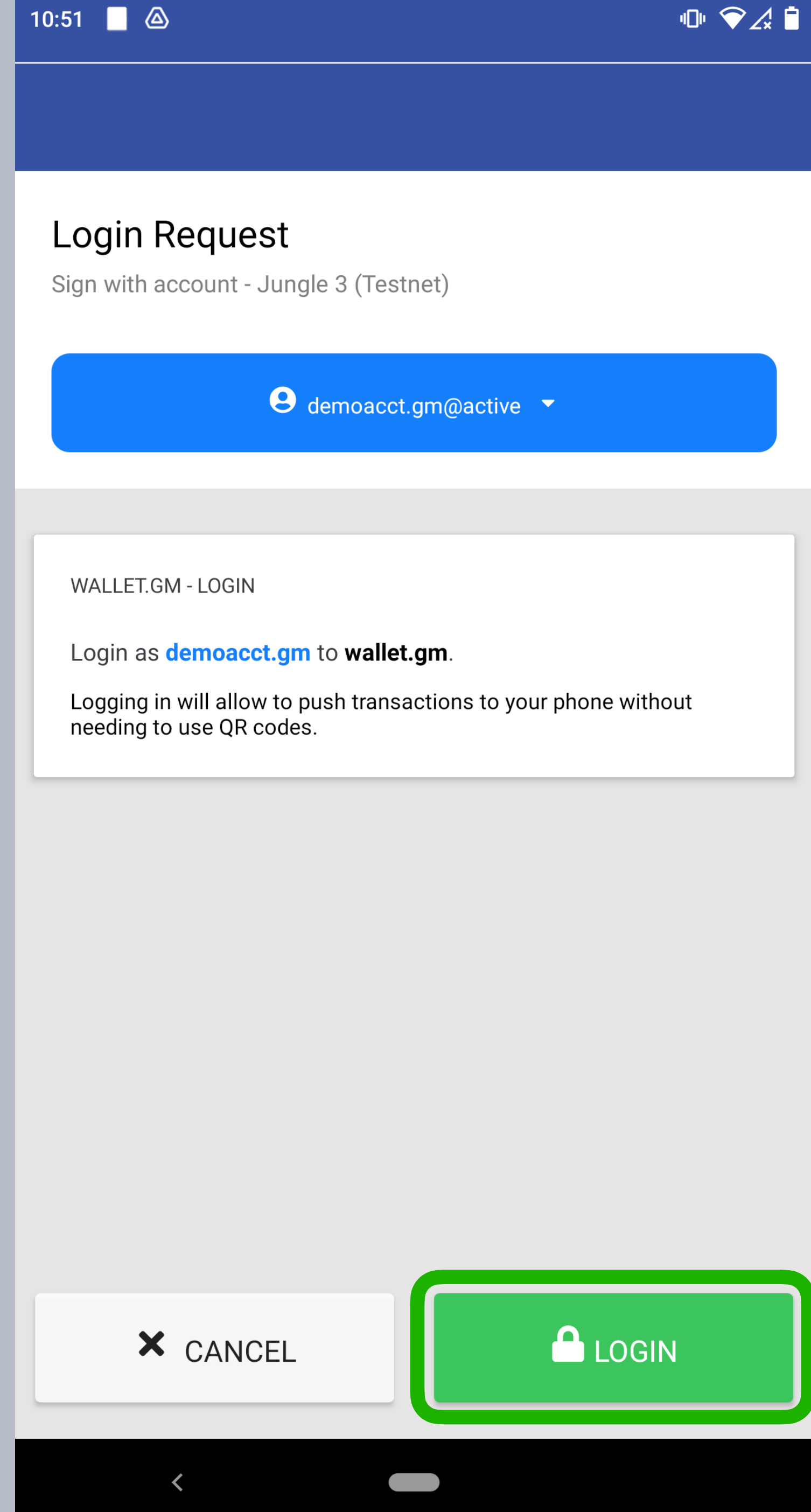As Anchor is on the Android device you're using, you will want to select "Launch Anchor" to continue

Step 15 - Login Request

Once Anchor is launched, you'll be brought to the Login Request page. Anchor acts as an authenticator of any transactions to your account, not only just for token transfers, but also access to your account.

What you're seeing here is Anchor validating that you are intending to log as your account to a site. (In our case, demoacct.gm is logging into our web wallet, which can be seen in the login summary).

This is to help prevent unauthorized access to your account and help maintain the security of your assets. A page like this will be prompted and displayed whenever any action is taken on behalf of your account.

To log into the web wallet, select "Login" at the bottom.

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Login Request

Sign with account - Jungle 3 (Testnet)

demoacct.gm@active ▾

WALLET.GM - LOGIN

Login as **demoacct.gm** to **wallet.gm**.

Logging in will allow to push transactions to your phone without needing to use QR codes.
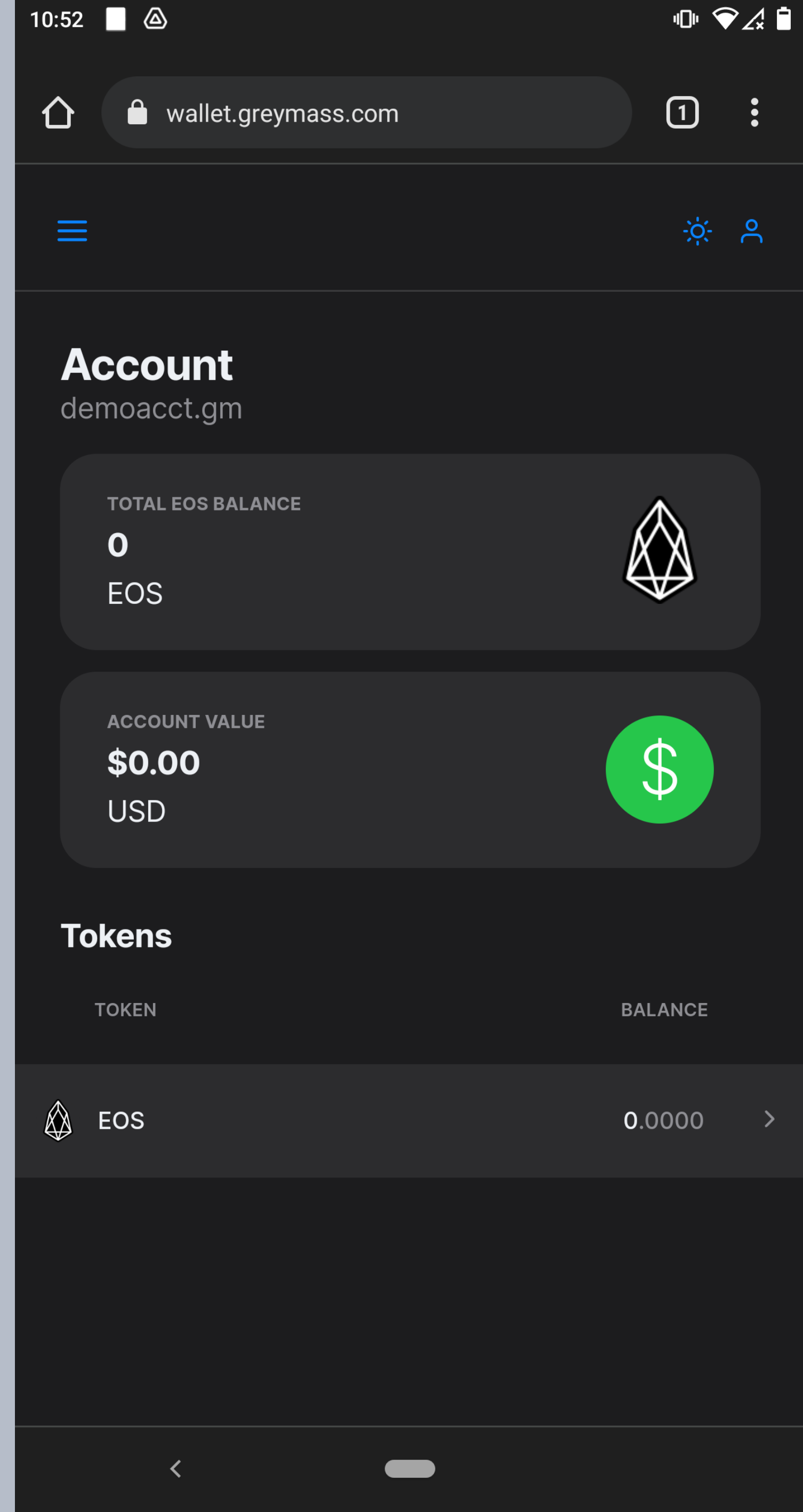
✕ CANCEL

🔒 LOGIN

Step 16 - Unicove Web Wallet

Once you've authorized the login via the previous screen, you'll be presented with the Greymass web wallet that we call "Unicove". Here you can see your balance as well as send/receive tokens.

A full guide on Unicove will be released at a later date. We intended add additional features down the road, but for now it can work as a simple web wallet to handle token transfers.

Now that you've gotten the hang of how Anchor works, let's check out our account on the the block explorer.

Go back to Anchor and get back to your account page, as shown earlier, but this time select "View on Block Explorer"

Step 17 - bloks.io Explorer

Once you've selected "View on Block Explorer", you'll be taken to bloks.io, which is a block explorer for EOS-based tokens.

One thing that you'll notice right off the start is that you were not authenticated to access this info by Anchor. That is because all the info you see here is publicly available from the blockchain.

You will not be able to change anything about your account (keys, tokens, etc), but you can see the entire history of activity on your account. Block explorers are an incredibly helpful tool in troubleshooting issues, verifying transactions, and much more.
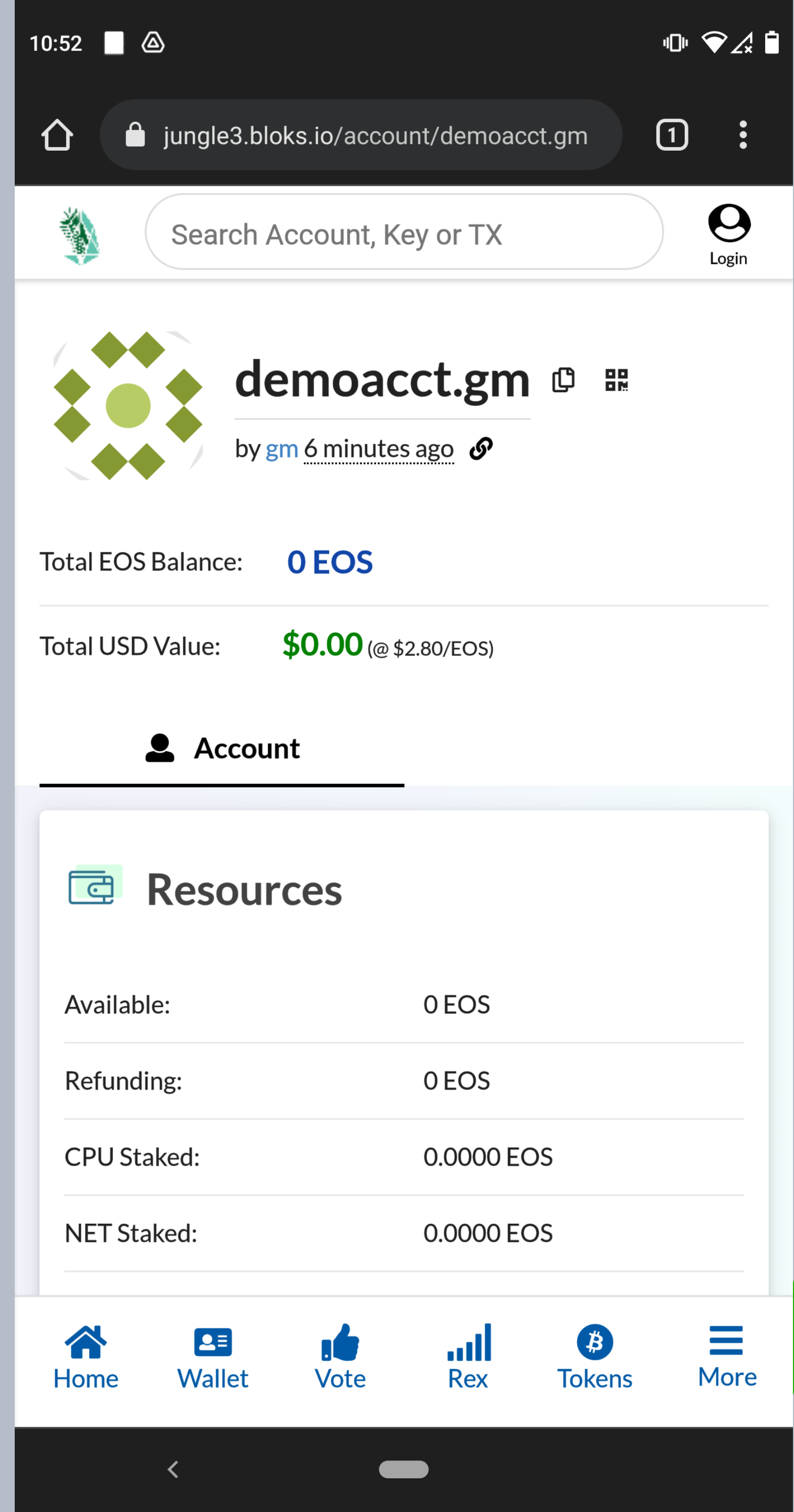
Step 18 - Good to Go!

If you've made it this far, you've done a quite a bit today!

- Created an EOS-based account

- Backed it up and verified that back up

- Tested login access to your account

- Viewed your account on a block explorer

I'm sure this is a lot of information, but if you have any questions at all, please do not hesitate to reach out to our Support Team at support@greymass.com or by sending us a ticket via our Support Portal here.

Thanks and take care!

10:51

? Help

Beta Build 0.36.1

ANCHOR

Ready for login and signing requests, start a login or signature on a webpage or in another app.

ACCOUNTS   APPS

SCAN QR

You have Successfully completed the guide

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