

End user documentation

Cardano

International Blockchain Lab – FS2022

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Figure 1: Cardano

(<https://www.cointribune.com/analyses/institutions-entreprises/la-raison-de-la-croissance-de-cardano-ada/>)

Figure 2: Cardano

1. Introduction

Cardano is a blockchain platform for changemakers, innovators, and visionaries, with the tools and technologies required to create possibility for the many, as well as the few, and bring about positive global change.

2. Guidance to Cardano Token

To receive the tokens (KT_Cardano) created by our Team Cardano you need to install a wallet on your PC. This wallet will allow you to connect to the Cardano Testnet network and receive tokens in your virtual wallet. In order to proceed with the installation, you need to have one of the following operating systems (there is no mobile application available):

- Windows 8.1, Windows 10 (Only 64-bit Windows is supported)
- macOS 10.13, macOS 10.14, macOS 10.15, macOS 11.1
- Linux OS Tested against:
 - o Ubuntu 18.04 LTS, Ubuntu 20.04 LTS
 - o Fedora 28
 - o Aimed at all Linux distributions

And the following performances are recommended:

Recommended hardware requirements

- 64-bit Dual core processors
- 16 GB of RAM
- 25 GB of free drive space
- Broadband Internet connection

3. Step by Step installation guide

1. To download the wallet you need to navigate to the Cardano page:
<https://testnets.cardano.org/en/testnets/cardano/get-started/wallet/>
2. Then you will have the option to select the desired operating system and download the version to your computer:

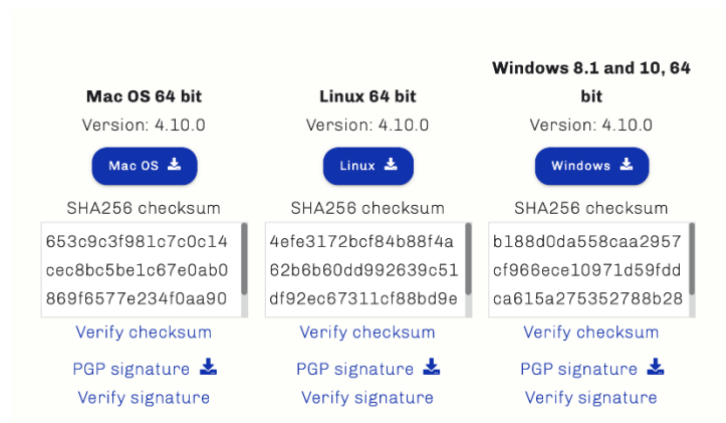


Figure 3: Select OS

3. Once downloaded, you need to complete the installation by opening the newly downloaded file. For the installation you need to read, understand and accept the terms and conditions of the application and proceed with “next” until the end of the installation with the recommended options provided by the installation tool.

- When the installation is finished, you must open the newly downloaded program (Daedalus Wallet) and you will find yourself with the following screen:

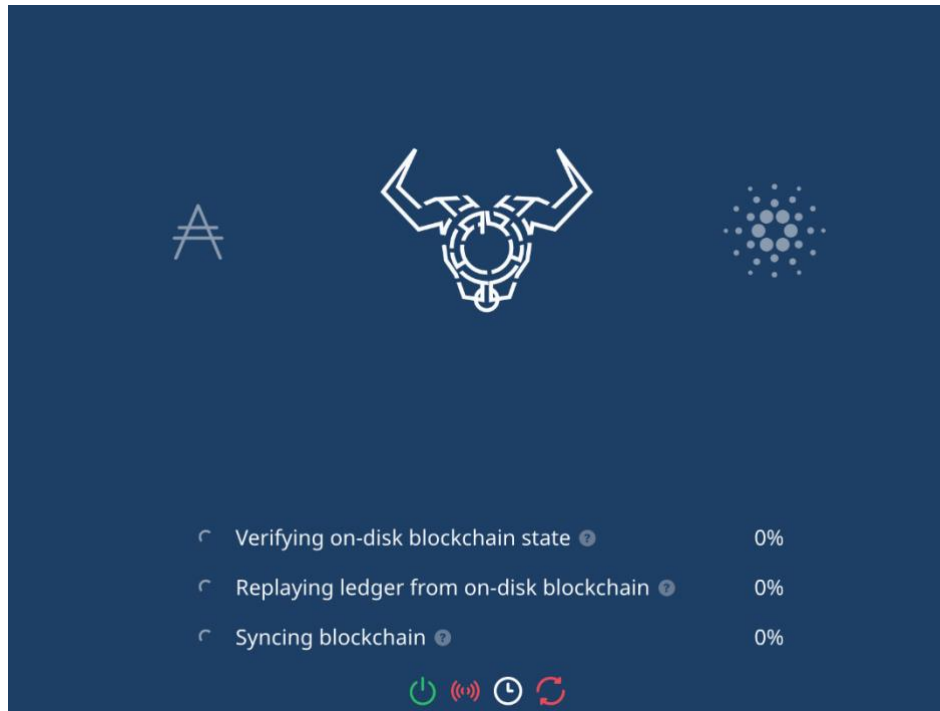


Figure 4: Installation

This part will take you some time till the application is synchronised with the Testnet Blockchain for the first time. While the wallet synchronises with the testnet, you won't be able to see any transaction in your wallet. Depending on your internet connection, this time can go from 2 to 4 hours.

- When synchronization is finished, we will have the possibility to create a new wallet. To do this click on the first quadrant on the left.

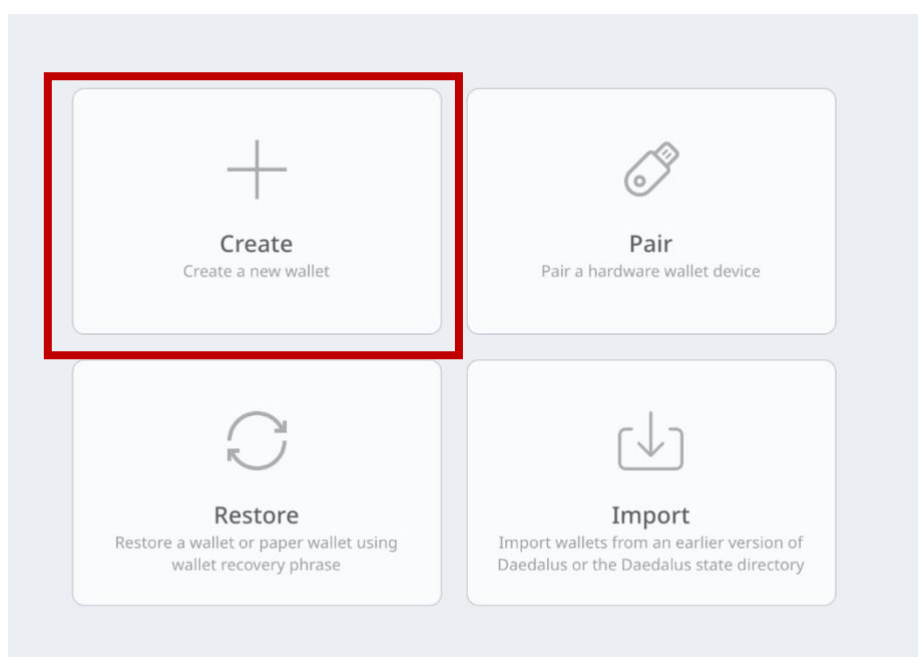
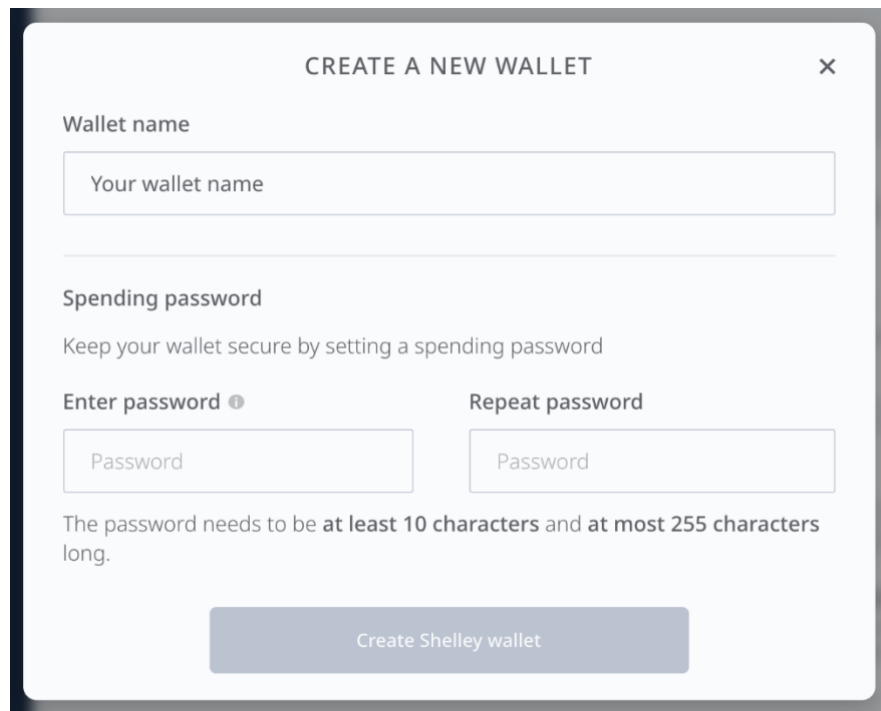


Figure 5: Select new wallet

6. You will then be able to give a meaningful name to your wallet and choose a password as protection on your computer.



CREATE A NEW WALLET ×

Wallet name

Your wallet name

Spending password

Keep your wallet secure by setting a spending password

Enter password ⓘ Repeat password

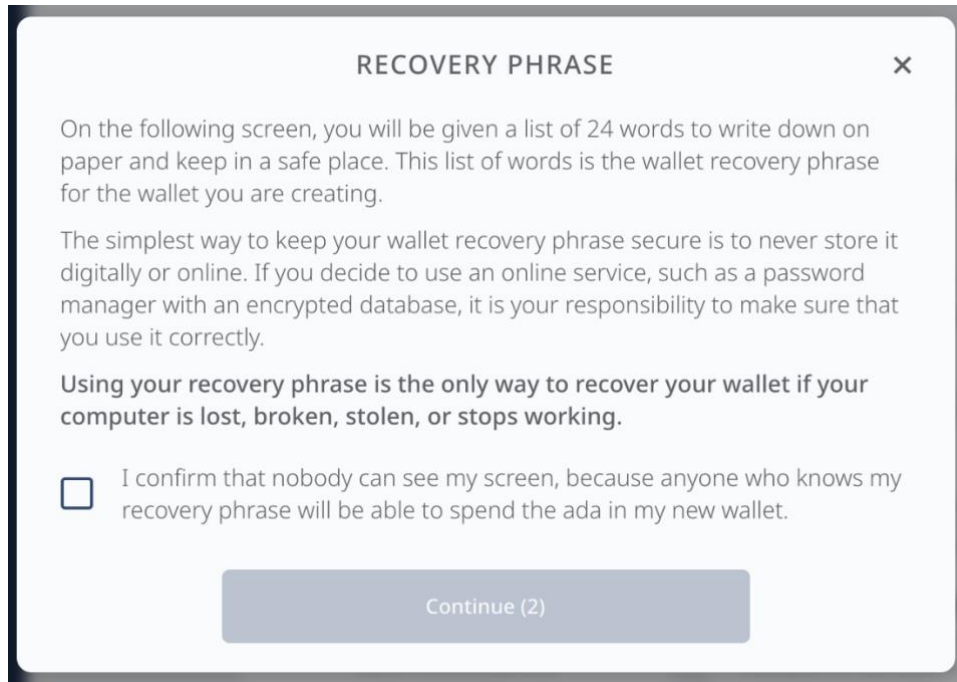
Password Password

The password needs to be **at least 10 characters** and **at most 255 characters** long.

Create Shelley wallet

Figure 6: Create a new wallet

7. You should then read carefully the information about the “Recovery Phrase”, which is the 24-word phrase that is the only key that will allow you to access your wallet in the event of damage to your computer:



RECOVERY PHRASE ×

On the following screen, you will be given a list of 24 words to write down on paper and keep in a safe place. This list of words is the wallet recovery phrase for the wallet you are creating.

The simplest way to keep your wallet recovery phrase secure is to never store it digitally or online. If you decide to use an online service, such as a password manager with an encrypted database, it is your responsibility to make sure that you use it correctly.

Using your recovery phrase is the only way to recover your wallet if your computer is lost, broken, stolen, or stops working.

☐ I confirm that nobody can see my screen, because anyone who knows my recovery phrase will be able to spend the ada in my new wallet.

Continue (2)

Figure 7: Recovery phrase pt.1

8. Proceed with the physical saving of the recovery phrase:



RECOVERY PHRASE ×

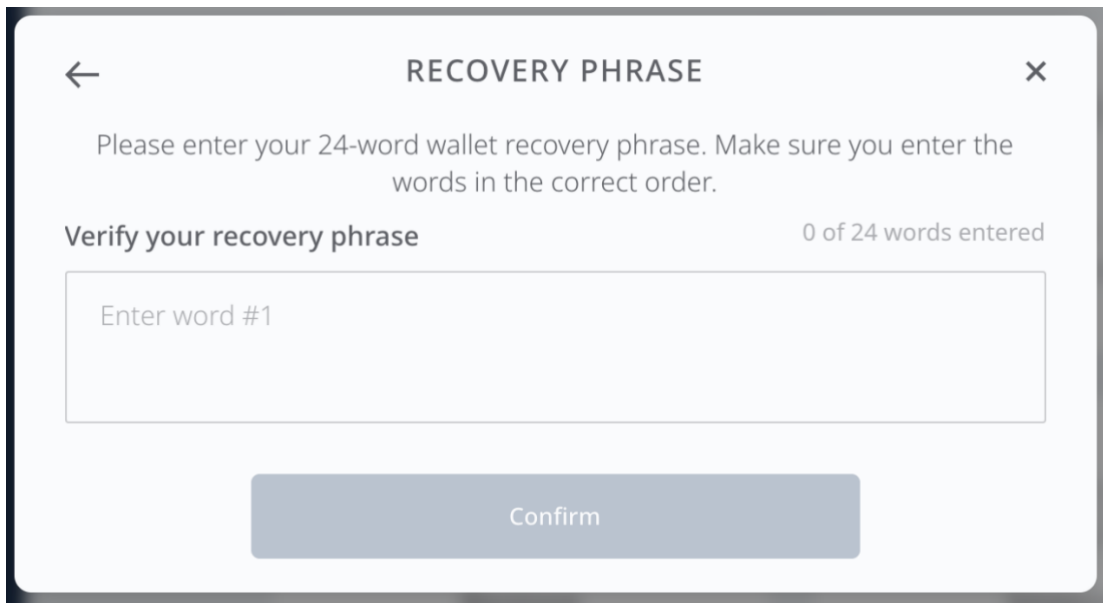
Please make sure you write down the 24 words of your wallet recovery phrase on a piece of paper in the exact order shown here.

awful direct giggle absent ecology sausage subject useful panic
wheat print ensure benefit move patient cereal defy denial castle
pink abstract champion lion genuine

Yes, I have written down my wallet recovery phrase.

Figure 8: Recovery phrase pt.2

9. Transcribe the newly saved recovery phrase:



← RECOVERY PHRASE ×

Please enter your 24-word wallet recovery phrase. Make sure you enter the words in the correct order.

Verify your recovery phrase 0 of 24 words entered

Enter word #1

Confirm

Figure 9: Recovery phrase pt.3

10. Confirm again that you understand the importance of your recovery phrase and take responsibility for keeping this key safe.



A dialog box titled "RECOVERY PHRASE" with a close button (X) in the top right corner. It displays a 24-word recovery phrase in a light gray box: "awful direct giggle absent ecology sausage subject useful panic wheat print ensure benefit move patient cereal defy denial castle pink abstract champion lion genuine". Below the phrase, there are two checkboxes, both of which are currently unchecked. The first checkbox is followed by the text: "I understand that the simplest way to keep my wallet recovery phrase secure is to never store it digitally or online. If I decide to use an online service, such as a password manager with an encrypted database, it is my responsibility to make sure that I use it correctly." The second checkbox is followed by the text: "I understand that the only way to recover my wallet if my computer is lost, broken, stolen, or stops working is to use my wallet recovery phrase." At the bottom of the dialog is a large, light blue button labeled "Confirm".

Figure 10: Recovery phrase pt.4

11. At this point you have created your virtual portfolio and you will have 1ADA as for the tests in it:

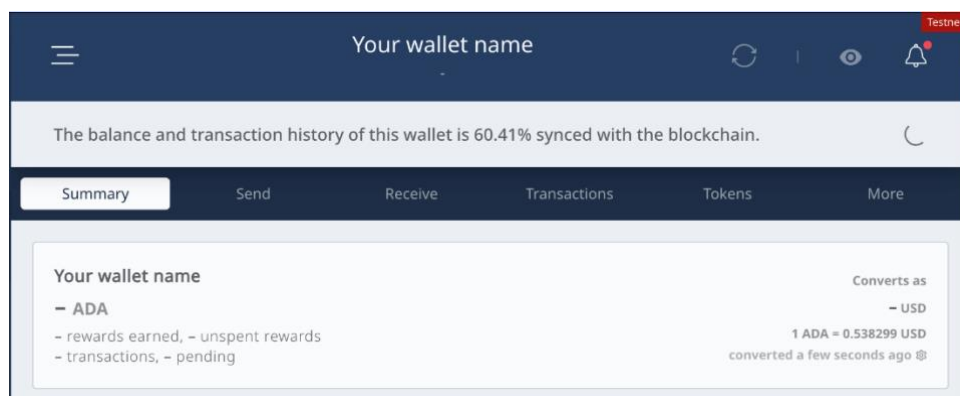


Figure 11: ADA for the test

12. Finally, go to the “Receive” tab and select one of the below desired items to send to a member of our Team:

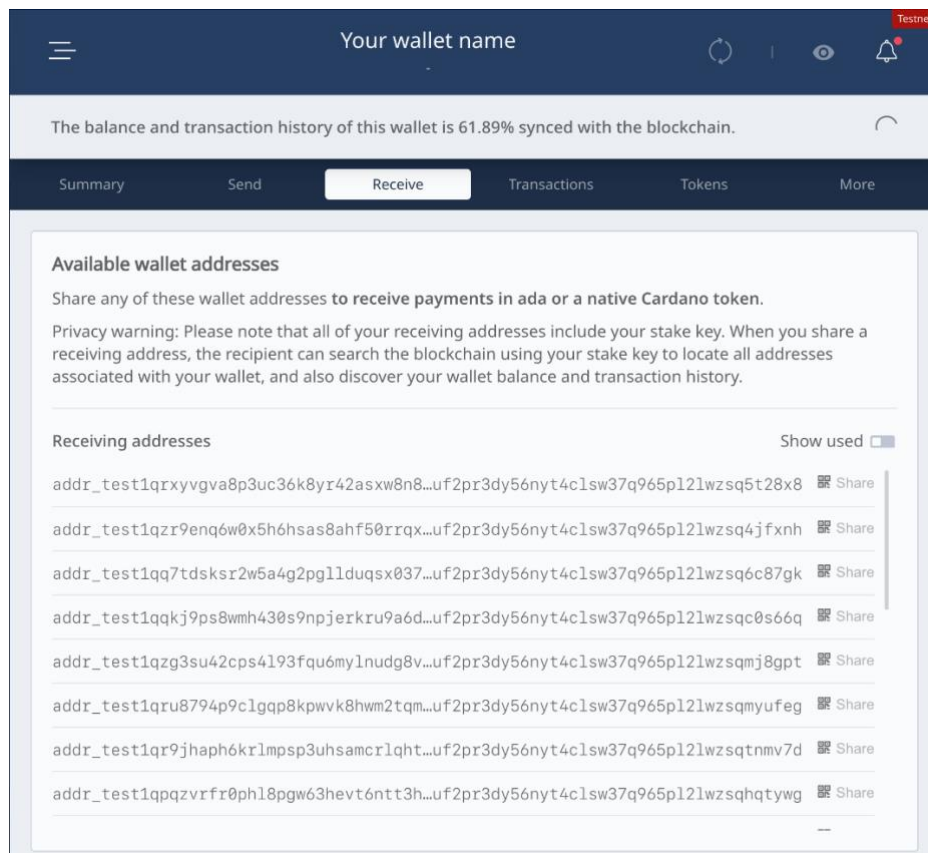


Figure 12: Items

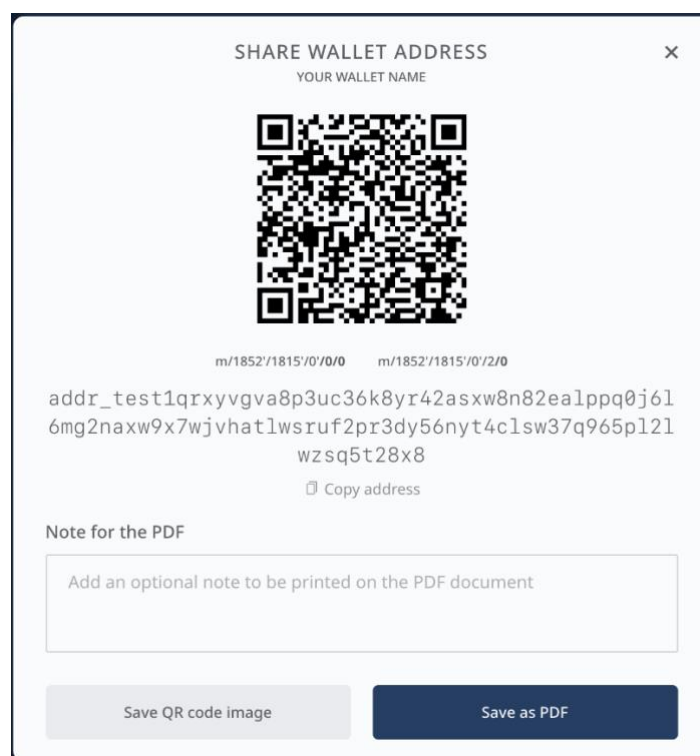


Figure 13: Share wallet

NB: After you copied the address, make sure to paste it on this google form to let your request come to our team:

https://docs.google.com/forms/d/1rLCpohhECo7DkLyv4pfC_25VocAiE7r-e8jNgGNM3Es/viewform?edit_requested=true

Paste your Cardano Daedalus wallet address below:

La tua risposta

13. A member of our Team will send you a sum of KT_Cardano which will be displayed directly in your virtual wallet as follows:

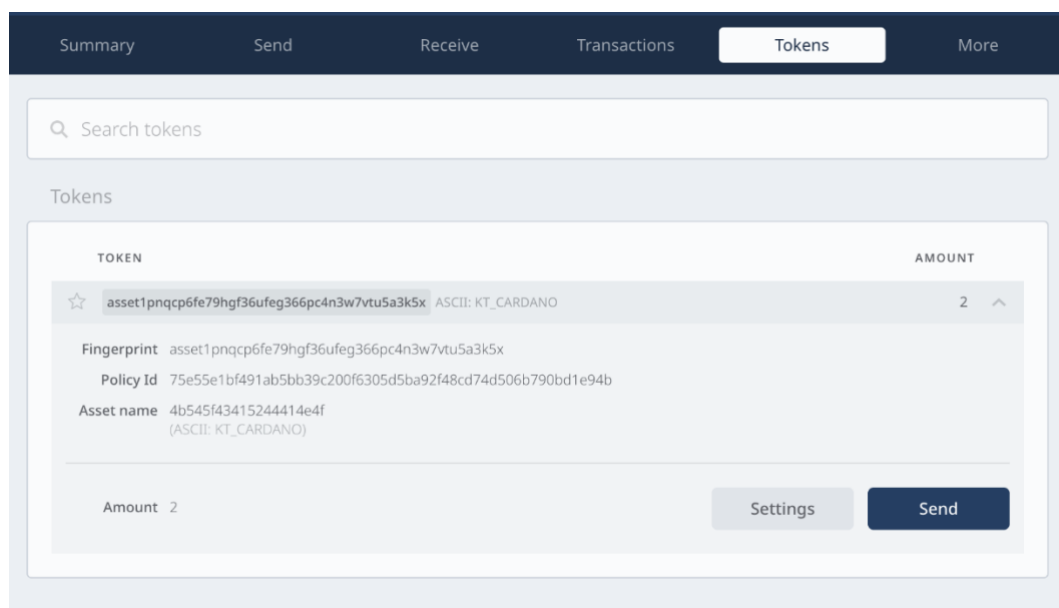


Figure 14: Token

NB: These tokens are for testing purposes only and the token exists only in Cardano's Testenet network.

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