

Smartlands Wallet Guidelines

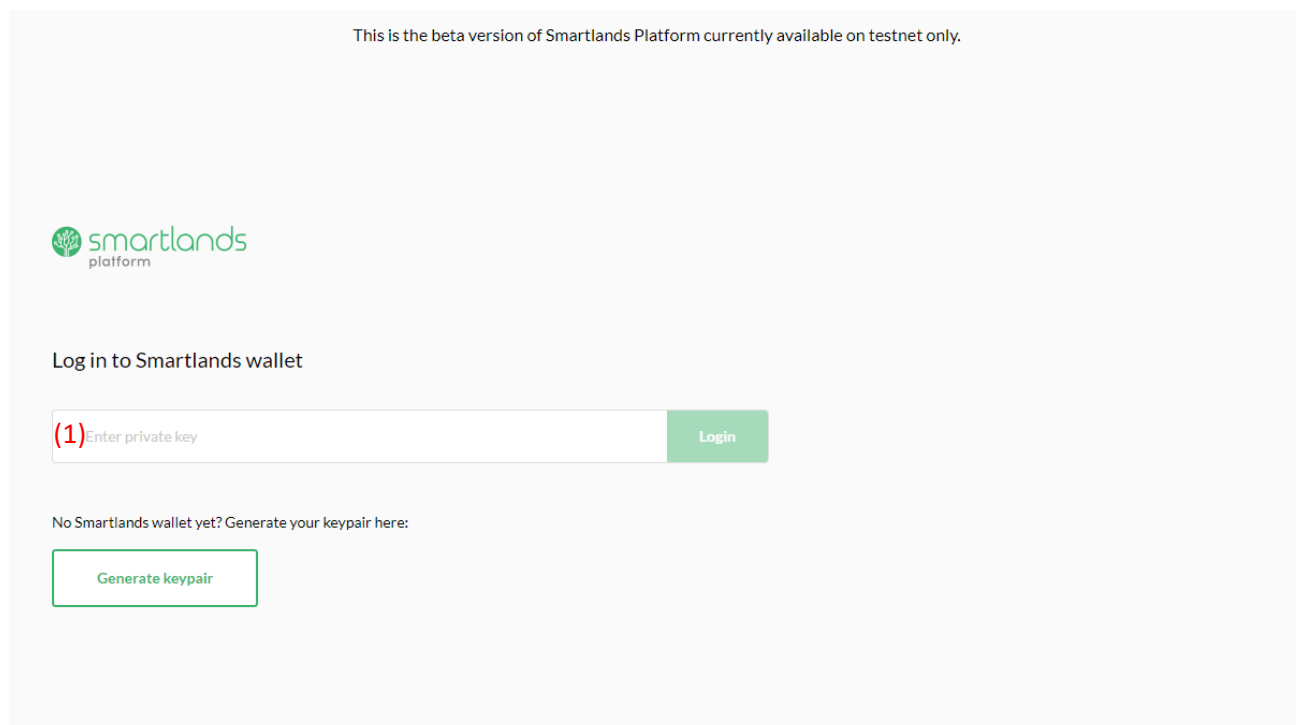
Before your start.


Currently Smartlands Platform is launched in Stellar testnet network. Keys for testnet and public network are the same, but all the balances are independent. Though you may be able to use public/private key of your account in public network, we strongly discourage such use of private key of the account with funds on public network at this stage of development of Smartlands Platform. You can create an account with 10 000 XLM on testnet by one click.


Reference of the in-text comments with relevant place on the drawings will be made with red numbers in round brackets, e.g. '(1)'.

1. Login/ Create account

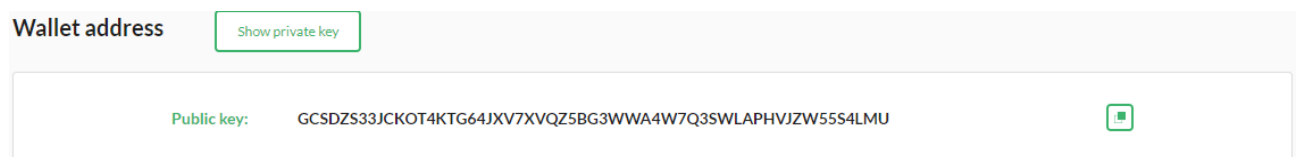
Go to <https://wallet.smartlands.io>. You will

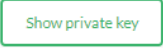



If you have an account, please enter your private key in the relevant field (1) and press  button

If you don't have an account, press  button. A randomly generated keypair will be created and the account will receive 10 000 XLM on testnet. This will provide for minimum balance to create an account and let you use this tokens for testing of capabilities on Stellar network.

Once you create an account, you will see the following in the upper part of the screen



First, hit  button and save both your public and private keys. You can copy a key by pressing  button near it. Keep the private key safe and secure. It provides full access to the account and funds (though it is not that important on testnet). If you lose it, you will no longer be able to access the funds and there is no recovery mechanism.

Note regarding launch on public network. It is not possible to get XLM for free on public network when somebody creates and account, thus, creation of an account on public network is somewhat more complicated process described below in the last section.

2. Wallet balances and trustlines.

After you create or login to an account, you will be forwarded to Wallet tab shown below.

smartlands platform Beta-version, testnet. Keypair generator Change account

Wallet address Show private key

Public key: GCSZS33JCKOT4KTG64JXV7XVQZ5BG3WWA4W7Q3SWLAPHVJZW55S4LMU

Wallet balances and trustlines

Wallet Payments Exchange Active offers Payment history Token issue Create account

ASSET	AMOUNT	PRICE	PAYMENT	TRUSTLINE
XLM	10000	\$0.441414	Send XLM	

Add a trustline

Add the trustline for SLT

(2) Code (3) Issuer Add trustline

The tab provides information about amount of assets an account has, created trustlines, current price of the assets*. Trustlines are also managed on this tab.

You can add trustline for SLT by simply pressing on button. Additionally, there will be relevant buttons and links to description of the projects that issue tokens on Smartlands platform, when Smartlands Platform will be fully launched.

You can also add a trustline for any other asset by filling the asset code in 'Code' field (2), issuer public key in 'Issuer' field (3) and pressing button.

After adding a trustline, balance of this asset (token) will be indicated in the table on the wallet tab. The asset will also appear as an option in all relevant drop-down lists on other tabs (Payments, Exchange).

To remove a trustline hit button in the same row with an asset. You cannot delete trustline for an asset that you hold (your balance is not zero). You can always "burn" tokens by sending them to the issuing account though you will not be able to recover those assets.

It is possible to send any of the assets that you have on your balance by pressing button (relevant Asset code will be displayed instead of 'XXX') in the row of an asset. More details about sending assets are provided in description of the 'Payments' tab (next section).

** Prices are indicative and there is a possibility that you will not be able to sell your assets at that price. Prices will be available for actively traded assets only. The prices are indicated for the specific asset that is defined by asset code and issuing account.*

Note that SLT on testnet is issued by the account that differs from the issuing account of SLT on public network, consequently the price will not be indicated. You can see current SLT price in the price field if you add the trustline for SLT issued by issuing account on public network: *GCKA6K5PCQ6PNF5RQBF7PQDJWRHO6UOGFMRLK3DYHDOI244V47XKQ4GP*, but there will be no such SLT available on testnet.

3. Payments

It is possible to make payments of assets to other accounts on Payments tab.

The screenshot shows the 'Payments' tab interface. At the top, there is a navigation bar with 'Payments' highlighted. Below the navigation bar, there are several input fields: 'DESTINATION' with a red (4) and a red x, 'MEMO' with a red (7) and a dropdown menu showing 'None', 'SOURCE ASSET' with a red (5) and a dropdown menu showing 'Asset to send', and 'AMOUNT' with a red (6). A green 'Make payment' button is at the bottom.

To make a payment you must enter the destination address - public key of the account or its federation address in the 'Destination' field (4), asset that you would like to send in the 'Source asset' field (5) and the amount in the field 'Amount' (6). If you have been forwarded to the tab after hitting 'Send [asset code]' button on the Wallet tab, the asset will be automatically set in the 'Source asset' field.

Optionally you can add any memo to your payment. To do so choose the relevant option in the 'Memo' field (7) and type/insert relevant text in the field below (8). Typically, memos are used by exchanges to identify a sender of assets.

Note, that it is impossible to send an asset to an account that does not have a trustline for that asset.


4. Exchange



It is possible to trade on SDEX through Smartlands portal and 'Exchange' tab will provide this opportunity.

The screenshot shows the 'Exchange' tab interface. At the top, there is a navigation bar with 'Exchange' highlighted. Below the navigation bar, there are two main sections: 'Create offer' and 'Order Book'. The 'Create offer' section has four input fields: 'Sell' with a red (9) and a dropdown menu showing 'Asset to sell', 'Buy' with a red (10) and a dropdown menu showing 'Asset to buy', 'Amount' with a red (11), and 'Price' with a red (12). There is a 'Passive offer' checkbox and a green 'Create offer' button. Below the input fields is a table with columns 'Selling', 'Buying', 'Price', 'Amount', and 'Action', and a row with 'No offers'. The 'Order Book' section has two dropdown menus: 'Choose a base asset' with a red (13) and a dropdown menu showing 'Asset sold', and 'Choose a counter asset' with a red (14) and a dropdown menu showing 'Asset bought'. Below the dropdown menus is the text 'Please select a pair of assets to see an orderbook.'

It is required to fill four fields to submit an offer:

- 1) Asset to sell in 'Sell' field (9) (choose from the list of assets that you have trustlines for)
- 2) Asset to buy (10) (choose from the list of assets that you have trustlines for)
- 3) Amount of asset to sell (11)
- 4) Price of the asset to sell in term of asset to buy (12)

and hit  button.

Existing offers of the account are indicated in the table below  button. You can cancel any of your offers by clicking  button in the row of an offer.


Order book for any pair of asset that you have trustlines for can be viewed in the right part of the screen. Choose the asset you want to trade in the 'Choose base asset' field (13) and relevant 'currency' in the 'Choose counter asset' field (14)

Create offer

Sell * Buy *

Amount * Price *

Passive offer **Create offer**

Selling	Buying	Price	Amount	Action
XLM (16)	SLT (GC7..MOB)	0.23	500	

Order Book

Base SLT (GC7..MOB) (13) Counter XLM (14)

BIDS		ASKS	
VOLUME	PRICE	PRICE	VOLUME
115 (17)	4.3478261XLM	5XLM	1000
500	4XLM	5.5XLM	2000
540	3.7037037XLM	6XLM	2000
660	3.030303XLM	7XLM	3000
1000	2XLM	10XLM	10000


Note that all the offers are created as sell offers. In order to create a buy offer, the offer to sell "currency" (e.g. XLM) for an "asset" (e.g. SLT) should be submitted, but with adjusted price and amount.

On the drawing above, you can see an offer to sell 500 XLM for SLT at the price of 0.23 SLT per XLM on the left side of the screen (16). It is indicated in the table of account's offers and all the parameters to create such offer are filled in the relevant fields of the 'Create offer' section.

This offer is also indicated in the 'Order Book'. To see the orderbook book for SLT, you should set SLT as a base asset (13) and XLM as a counter asset (14). This offer is indicated in the 'BIDS' table since it is a buy offer for SLT (17). Given this offer initially was set as a sell offer, its parameters are adjusted correspondingly. Firstly, The price is inverse to the set one (1/x). For example, 0.5 USD per XLM is the same as 2 (1/0.5) XLM per USD. In case of the discussed offer price of SLT in XLM in the 1/0.23 or 4.3478261 XLM per SLT. The amount of the offer is indicated for the base (or selling) asset. In our case it was 500 XLM initially so it is an offer to exchange 500 XLM for 115 SLT (500x0.23). Consequently, the amount of the offer indicated as a bid for SLT will be also changed and the volume will be 115 (SLT).

5. Active offers

Active offers tab provides an overview of all existing offers of an account and ability to cancel them.

Active offers						
Wallet	Payments	Exchange	Active offers	Payment history	Token issue	Create account
SELLING	BUYING	PRICE	AMOUNT	ACTION		
XLM	SLT (GC7..MOB)	0.23	500			

Note that all the offers in the list are indicated as sell offers and the price is for the 'SELLING' asset in terms of 'BUYING' one. More details about this is provide above in section '4. Exchange'.

6. Payment History

You can see history of your payments in 'Payment History' tab

Payment history						
Wallet	Payments	Exchange	Active offers	Payment history	Token issue	Create account
AMOUNT	ASSET	ACCOUNT	MEMO	DATE	OPEN	
1	XLM	GC7Q...2MOB		01/17/2018		+
1	XLM	GC7Q...2MOB		11/30/2017		-
777	XLM	GBIU...OH5S		11/17/2017		+
1000	SLT (GC7...MOB)	GC7Q...2MOB		11/05/2017		+

You can see all basic information about your payments including Amount, Asset, Account to/from which payment was made, Memo, Date (in mm/dd/yyyy format). Incoming payments are highlighted with light green color and have + sign at the end of the row. Outgoing payments are highlighted in pink and have - sign at the end of the row. More details about the payment are provided in Stellar block explorer and you will be forwarded to the relevant link by clicking button.

7. Token issue

Token issue guidelines is provided separately. You can see them [here](#).

8. Create account

It is possible to create an account on testnet with one click, but it is a two-step process in public network. Firstly, a keypair of an account is generated, and then the account is created by transferring at least 1 XLM to its public key.

Create account						
Wallet	Payments	Exchange	Active offers	Payment history	Token issue	Create account
DESTINATION						
<input type="text" value="(18) rDT...or bob*federation.org"/>						
STARTING BALANCE						
<input type="text" value="(19)"/>						
<input type="button" value="Create account"/>						
<input type="button" value="Generate keypair"/>						

Click on "Generator keypair" on the menu bar to get a new couple of public and secret key.

To generate a keypair press button on the 'Create account' tab and then press button in the dialogue window that appears as shown below.

Account Keypair Generator

The account keypair consists of two parts:

Public key: The public key is used to identify the account. It is also often referred to as an account or an address. A public key is used for receiving funds or checking balances with block explorers.

Private key: The private (or secret) key is used to access your account and make transactions. Keep this code safe and secure. Anyone with the code will have full access to the account and funds. Don't lose the key, as you will no longer be able to access the funds and there is no recovery mechanism.

Generate

Close

Generated keys will be provided in the lower part of the dialogue window as shown below

Wallet address

Save Private key securely before transferring any funds to the account!

Public key: (20)GBXK7M27ID5YTMWUD2QB4BEE2RRB5A6J5CQJGXTPIUZVFVHONUUBK7N2



Private key:(21)SCDQ2IZ2GLMZD2VEUEJT4IGC476PJTG64R5XTY6WMY3BMHK74QXMBX6S



Save both keys (20) and (21) before closing the window!

On the create account tab as shown at the beginning of this section, put the generated public key (20) in the 'Destination' field (18) and enter the amount of XLM you want to transfer to your new account in the 'Starting balance' field (19). This amount cannot be less than 1 XLM. It is possible to login to the new account without logging out from the current one. Just open [Smartlands Wallet](#) in a new tab (or another browser) and log in with the private key of your new account.