



Wanwallet 2.0 图形界面跨链交易操作指南

小注：

Wanwallet 2.0现支持与Ethereum的跨链交易。

之前版本的Wanwallet在Wanwallet 2.0发布后仍然可以正常使用，但跨链交易等新功能需要Wanwallet 2.0或更新的版本。

我们强烈推荐之前版本的Wanwallet用户在升级到2.0之前备份keystore文件，以避免任何不必要的损失，虽然升级过程不会影响现有的keystore文件。

此操作指南介绍如何通过Wanwallet 2.0向Wanchain发送ETH和从Wanchain提取ETH到Ethereum账户。

用户可以选择使用ETH/WAN主网或测试网络。

此版本Wanwallet钱包整合了ETH轻钱包和WAN完整节点钱包。

术语：

WETH: Wanchain Ethereum Crosschain Token，映射在Wanchain链上的ETH代币

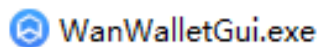
HTLC: 哈希时间锁定合约

1) 请在此页面下载Wanwallet 2.0 安装文件: <https://wanchain.org/product>

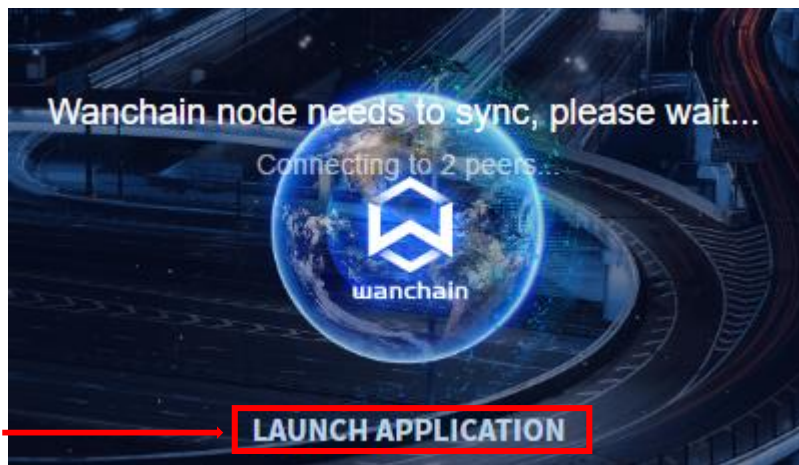
*Wanwallet 2.0支持Linux、Windows、MacOS, 请下载对应您操作系统的安装文件

2) 解压文件, 运行, 点击“LAUNCH APPLICATION”按钮来启动钱包

Windows:



MacOS:



3) 按此启动:

Linux: 命令行安装: `sudo dpkg -i WanWalletGui-linux64-2.0.X.deb`

命令行启动 (使用主网): `wanwalletgui`

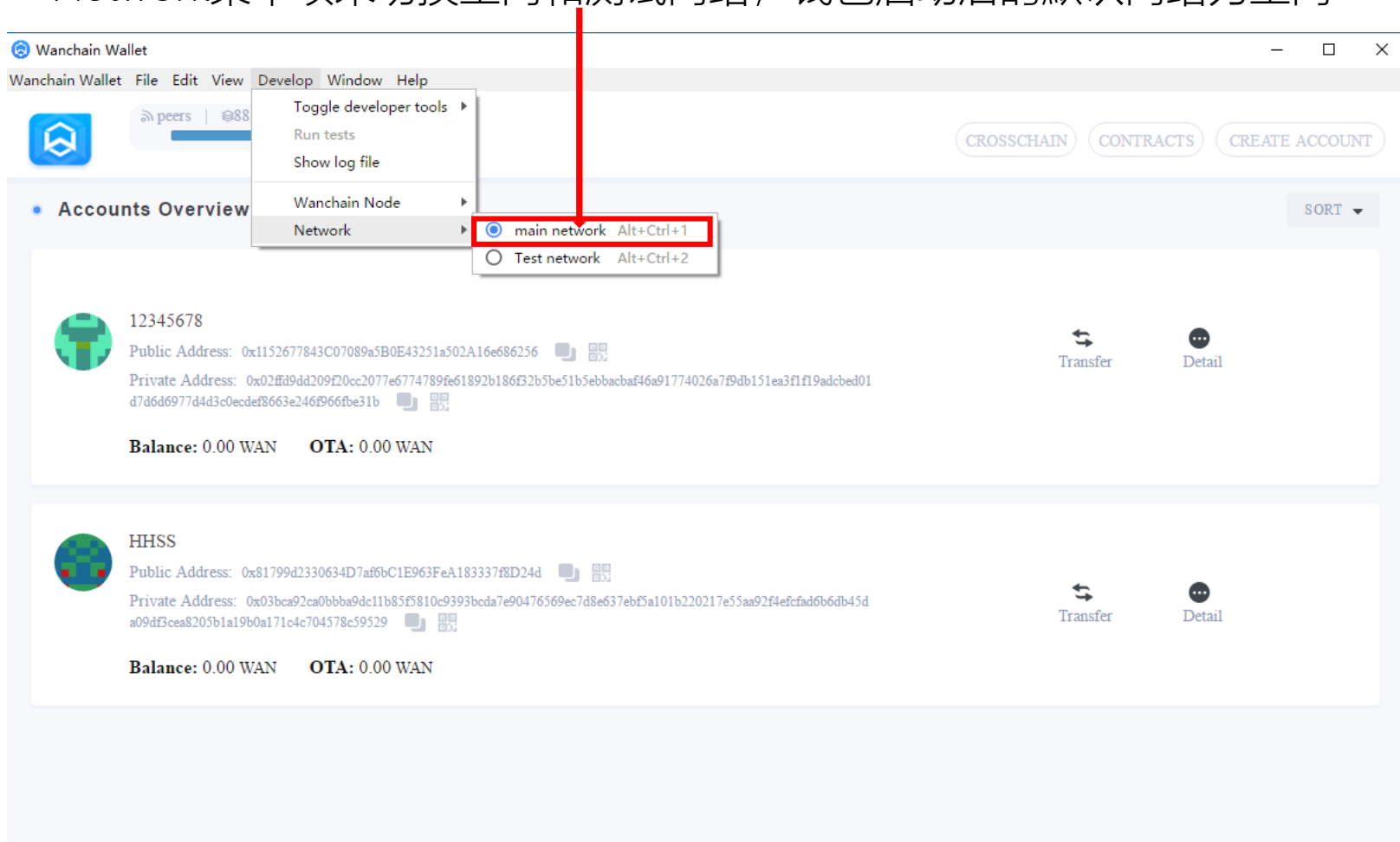
命令行启动 (使用测试网络): `wanwalletgui --network testnet`

或直接点击/usr/local/bin/下Wanwalletgui启动

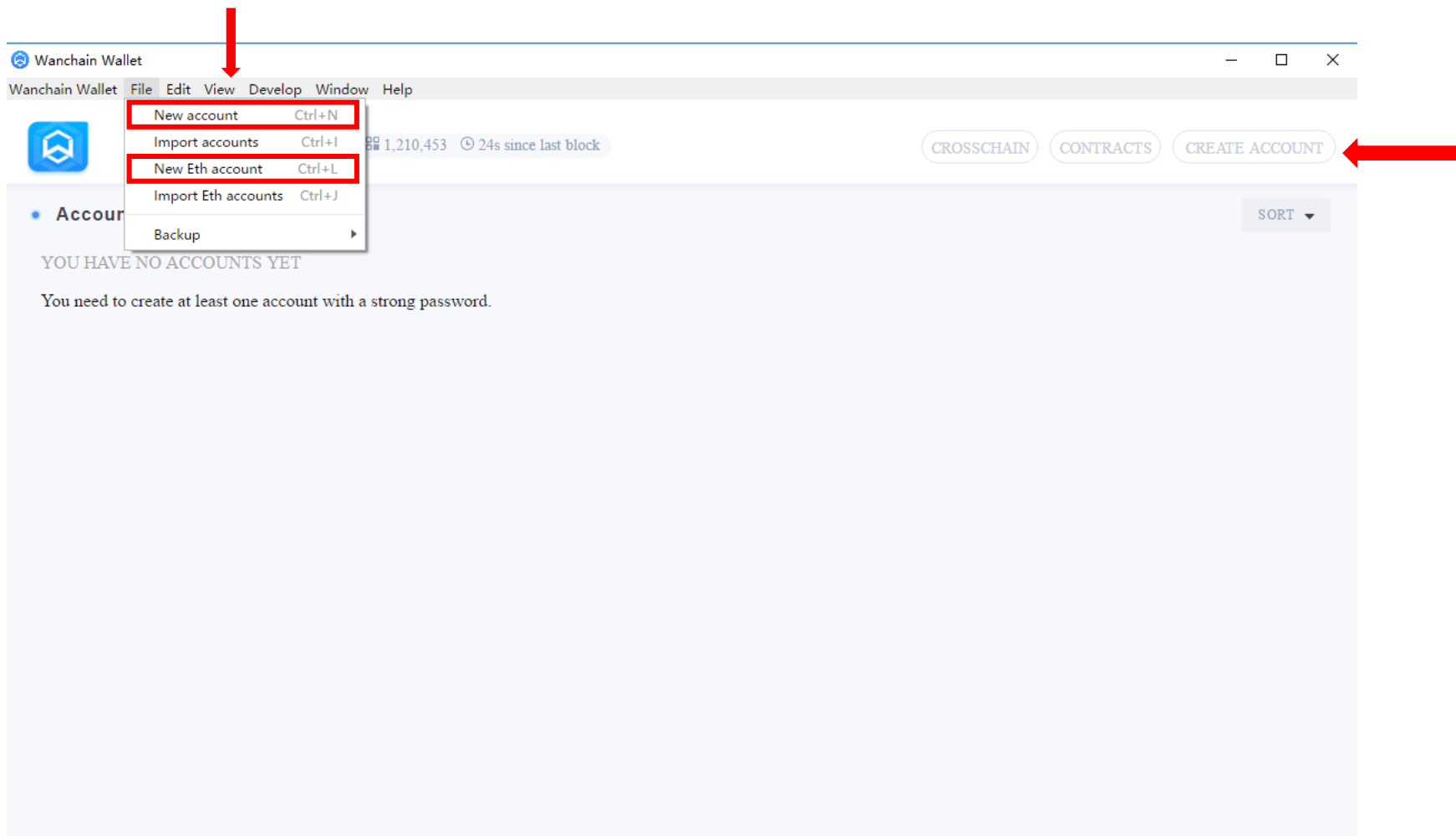
Wanwallet 2.0在Wanchain和Ethereum主网和测试网络上皆可运行

下图可以看到Wanchain账户概览页（同时也是钱包启动后的首页），您随时可以点击钱包界面左上角的Wanchain图标来回到这一页面

4) 使用Develop--->Network菜单项来切换主网和测试网络，钱包启动后的默认网络为主网

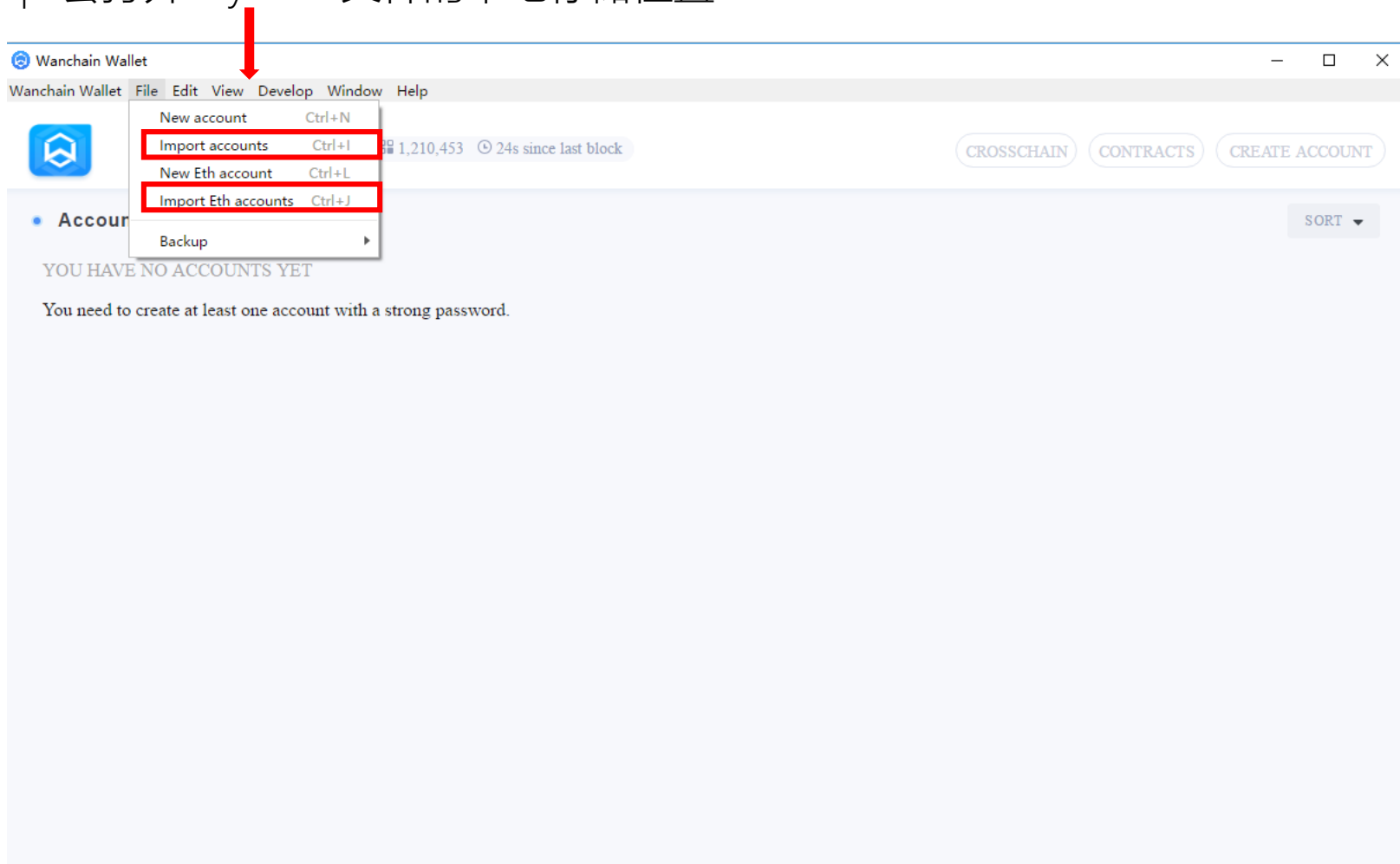


5) 通过下图框出的两个选项，您可以新建WAN或ETH账户（“New account”创建WAN账户，“New Eth account”创建ETH账户）
界面右上角的“CREATE ACCOUNT”按钮只能用来创建WAN账户

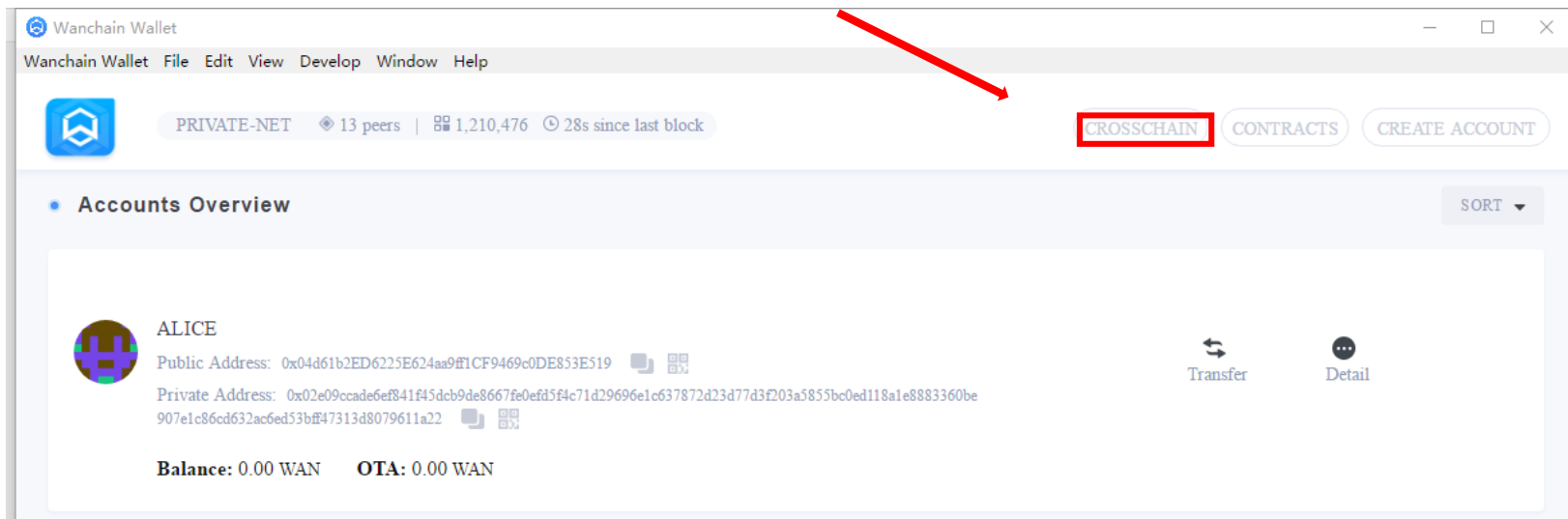


您也可以通过下图框出的选项来导入已有WAN或ETH账户的keystore文件（“Import accounts”导入WAN账户，“Import Eth accounts”导入ETH账户）

备份功能“Backup”会打开keystore文件的本地存储位置



跨链交易请点击“CROSSCHAIN”按钮



6) 在进行跨链交易之前，除了通过Wanwallet钱包，您也可以使用如下链接核实您WAN或ETH账户的余额

主网：

ETH: <https://etherscan.io/>

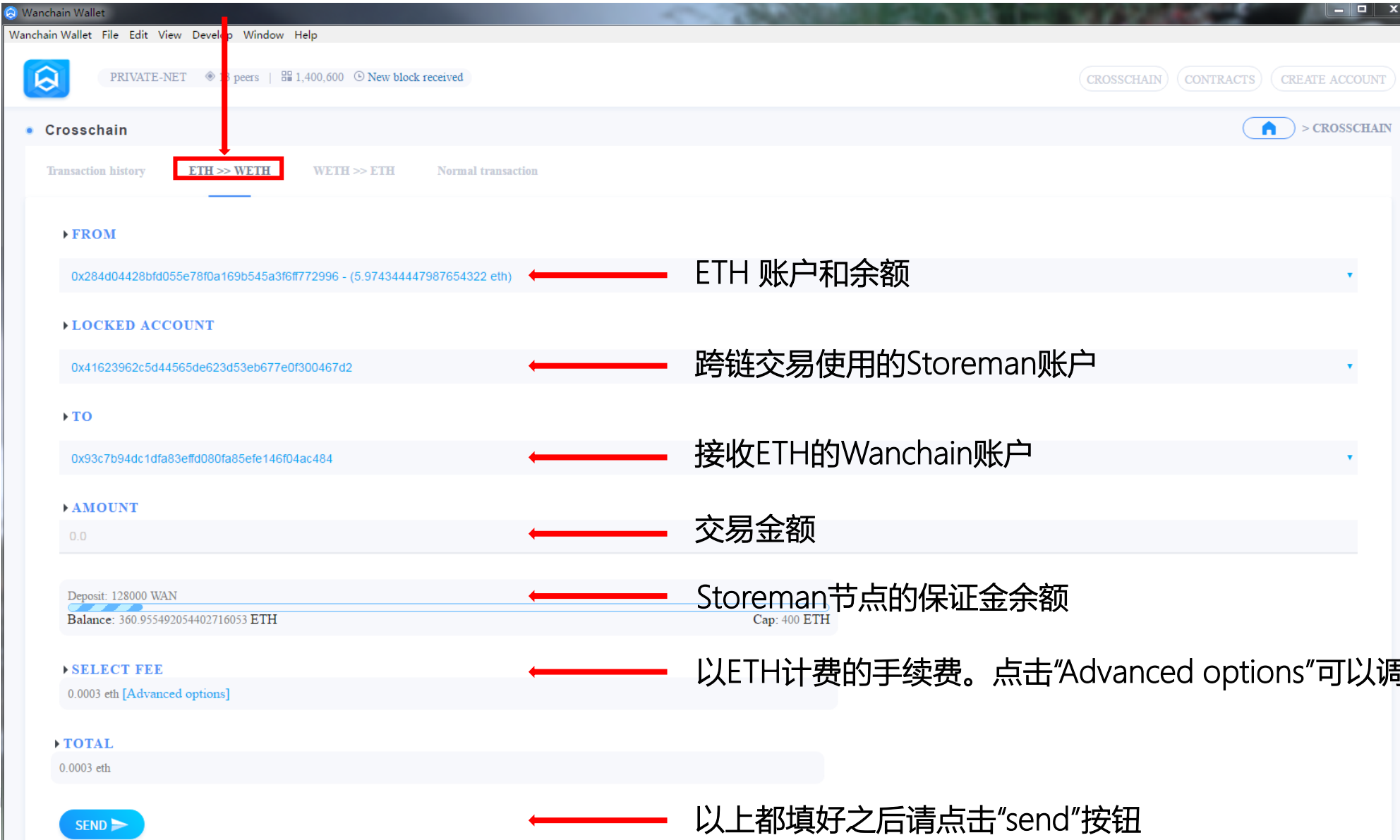
WAN: <https://www.wanscan.org/>

测试网络：

ETH: <https://rinkeby.etherscan.io/>

WAN: 13.58.108.244

7) 点击“ETH >> WETH”标签，进行发送ETH到Wanchain的交易



Wanchain Wallet

PRIVATE-NET | 1,400,600 | New block received

CROSSCHAIN | CONTRACTS | CREATE ACCOUNT

Crosschain

Transaction history | **ETH >> WETH** | WETH >> ETH | Normal transaction

FROM

0x284d04428bfd055e78f0a169b545a3f6f772996 - (5.974344447987654322 eth) ← ETH 账户和余额

LOCKED ACCOUNT

0x41623962c5d44565de623d53eb677e0f300467d2 ← 跨链交易使用的Storeman账户

TO

0x93c7b94dc1dfa83effd080fa85efe146f04ac484 ← 接收ETH的Wanchain账户

AMOUNT

0.0 ← 交易金额

Deposit: 128000 WAN

Balance: 360.955492054402716053 ETH ← Storeman节点的保证金余额

Cap: 400 ETH

SELECT FEE

0.0003 eth [Advanced options] ← 以ETH计费的手续费。点击“Advanced options”可以调整费用高低

TOTAL

0.0003 eth

SEND →

以上都填好之后请点击“send”按钮

输入密码，按“OK”按钮来发送交易

Crosschain Transaction

Amount1.14123 ETH

From:0x284d04428bfd055e78f0a169b545a3f6ff772996

To:0x93c7b94dc1dfa83effd080fa85efe146f04ac484

+ Estimated fee 0.0003

Gas price 1000000000

Estimated required gas 300000

Data

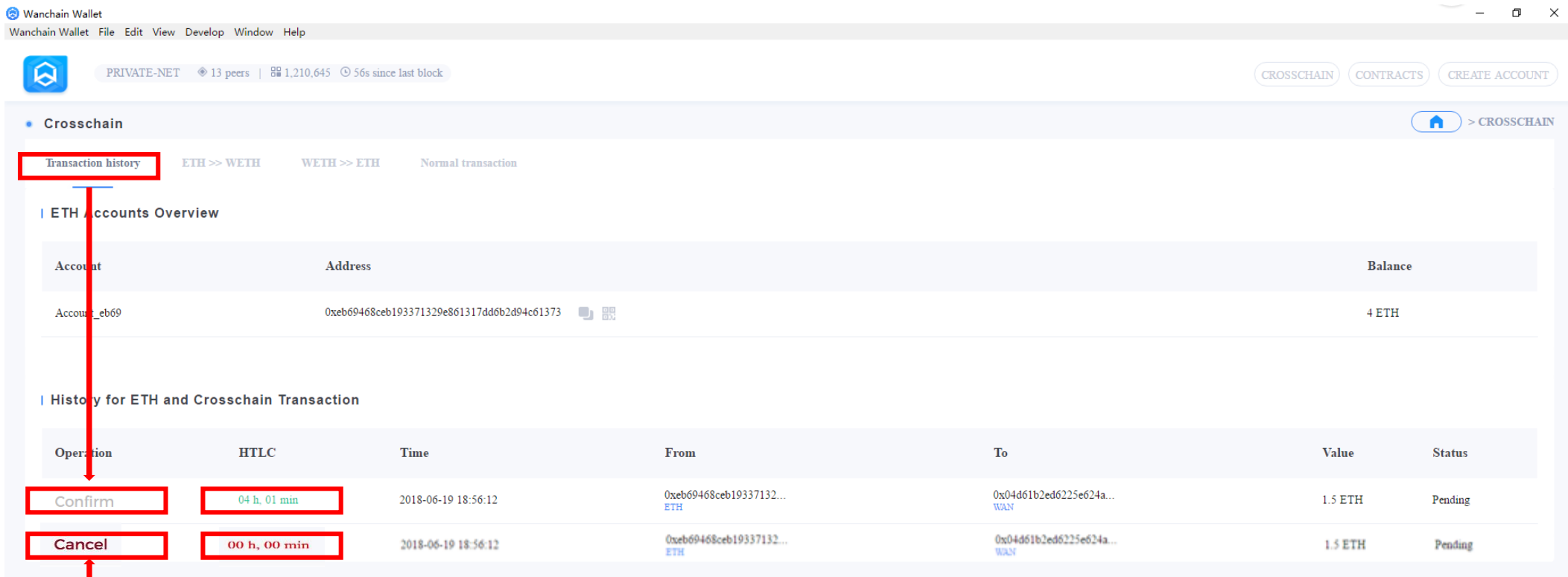
0x158e00a343a6313e370b61425bead1bbad5826bf418dc4cfe2d9ff70523452d8e1f9c851000000000000000000000000041623962c5d44565de623d53eb677e0f300467d2000000000000000000000000093c7b94dc1dfa83effd080fa85efe146f04ac484

Enter FROM account's password

CANCEL

OK

8) 在“Transaction history”标签页，点击“Confirm”按钮来确认交易，需要等待其转为红色



Wanchain Wallet

PRIVATE-NET | 13 peers | 1,210,645 | 56s since last block

CROSSCHAIN CONTRACTS CREATE ACCOUNT

Crosschain

Transaction history ETH >> WETH WETH >> ETH Normal transaction

ETH Accounts Overview

Account	Address	Balance
Account_eb69	0xeb69468ceb193371329e861317dd6b2d94c61373	4 ETH

History for ETH and Crosschain Transaction

Operation	HTLC	Time	From	To	Value	Status
Confirm	04 h, 01 min	2018-06-19 18:56:12	0xeb69468ceb19337132... ETH	0x04d61b2ed6225e624a... WAN	1.5 ETH	Pending
Cancel	00 h, 00 min	2018-06-19 18:56:12	0xeb69468ceb19337132... ETH	0x04d61b2ed6225e624a... WAN	1.5 ETH	Pending

如果在HTLC倒计时结束之前没有确认交易，意味着您选择取消交易并把ETH从锁定账户取回

请在“Confirm”按钮变成“Cancel”按钮，且“Cancel”按钮变为红色之后，点击它以取消交易

“Confirm”按钮变成红色以后，点击它进入确认交易页面

History for ETH and Crosschain Transaction

Operation	HTLC	Time	From	To	Value	Status
Confirm	03 h, 56 min	2018-07-17 18:18:06	0x284d04428bfd055e78f0a169b545a3f6ff772996 ETH	0x93c7b94dc1dfa83eff... WAN	1.14123 ETH	To be confirmed

输入密码，点击“OK”按钮完成交易

Confirm Transaction

From:	0x284d04428bfd055e78f0a169b545a3f6ff772996 ETH
To:	0x93c7b94dc1dfa83effd080fa85efe146f04ac484 WAN
Storeman:	0x41623962c5d44565de623d53eb677e0f300467d2
Amount:	1.14123 ETH

+ Estimated fee 0.0216

Gas price 180000000000

Estimated required gas 120000

Data

0x2000fe508f37cd3f449be1c47ee1009ca6240cd684d265fade9eeb5b341f5de959206dc2

Enter TO account's password

CANCELOK

HTLC倒计时结束后，“Cancel”按钮变为红色，点击它进入取消交易页面

Cancel	00 h, 00 min	2018-07-05 16:32:52	0x93c7b94dc1dfa83effd080fa85efe146f04ac484 WAN	0x841a087a418ebdafad09038cc8a397b0bdbd9aee ETH	0.012345678912345678 WETH	To be cancelled
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输入密码，点击“OK”按钮取消交易

Cancel Transaction

From:0x93c7b94dc1dfa83effd080fa85efe146f04ac484
WAN

To:0x841a087a418ebdafad09038cc8a397b0bdbd9aee
ETH

Storeman:0x06daa9379cbe241a84a65b217a11b38fe3b4b063

Amount:0.012345678912345678 WETH

+ Estimated fee 0.018

Gas price 180000000000

Estimated required gas 100000

Data

0xa1270c4740c79460c9b4af6ca98b0414a6061d162cd6e22b063055a18e737c0451071dfc

Enter FROM account's password

CANCELOK

9) 如果在Wanchain账户上有WETH余额，则可以发送WETH到Ethereum账户
点击“WETH >> ETH”标签页进行此类跨链交易
交易流程和发送ETH到Wanchain类似，请参考步骤8来进行跨链交易的确认和取消



Crosschain

Transaction history ETH >> WETH **WETH >> ETH** Normal transaction

▶ **FROM**

name1 - 2.80002 weth

▶ **LOCKED ACCOUNT**

0xf25ce90ef5e2b775dc64932b19e5cb6aba52a6db

▶ **TO**

0xa9ec83e5b0b7e0672bacfe50eea55ac22bfbef64

▶ **AMOUNT**

0.0

Transaction Fee: 0 WAN

Deposit: 100 WAN

Balance: 4963.163364228001289024 ETH Cap: 5000 ETH

SELECT FEE

0.06 wan [Advanced options]

TOTAL

0 weth
Estimated fee: 0.06 wan

SEND

WAN账户和WETH余额

跨链交易使用的Storeman账户

接收ETH的Ethereum账户

交易金额

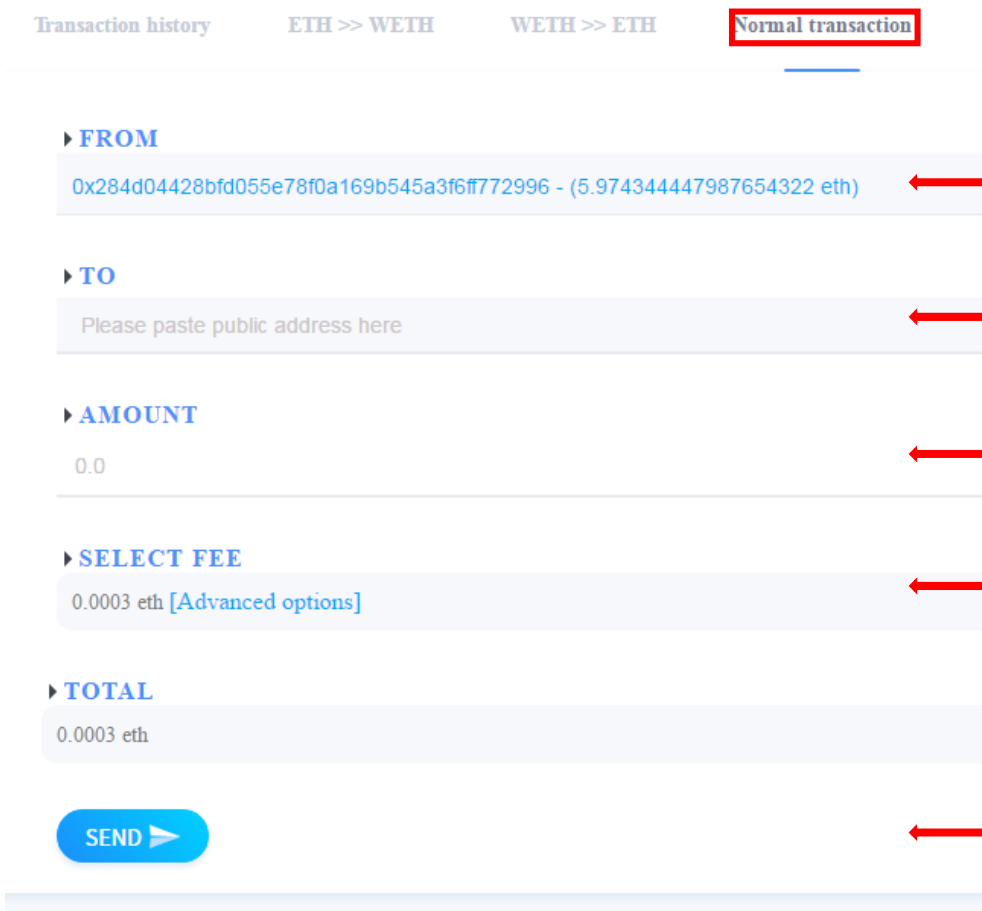
Storeman节点的保证金余额

以WAN计费的手续费。点击“Advanced options”可以调整费用高低

以上都填好之后请点击“send”按钮

10) 您也可以通过Wanwallet来进行普通的Ethereum交易

点击“Normal transaction”标签页，填入发送和接收ETH的账户，交易金额，选择手续费水平，点击“SEND”按钮



The screenshot shows the 'Normal transaction' form in the Wanchain wallet interface. The form has several sections: 'FROM' with a pre-filled address and balance, 'TO' with a placeholder for the recipient's address, 'AMOUNT' with a value of 0.0, 'SELECT FEE' with a value of 0.0003 eth and a link to 'Advanced options', and 'TOTAL' with a value of 0.0003 eth. At the bottom is a blue 'SEND' button with a right-pointing arrow. Red arrows from the text on the right point to each of these elements: the 'FROM' field, the 'TO' field, the 'AMOUNT' field, the 'SELECT FEE' field, and the 'SEND' button.

Transaction history ETH >> WEETH WEETH >> ETH **Normal transaction**

▸ **FROM**
0x284d04428bfd055e78f0a169b545a3f6f772996 - (5.974344447987654322 eth)

▸ **TO**
Please paste public address here

▸ **AMOUNT**
0.0

▸ **SELECT FEE**
0.0003 eth [Advanced options]

▸ **TOTAL**
0.0003 eth

SEND ➤

ETH 账户和余额

接收方 ETH 账户

交易金额

手续费。点击“Advanced options”可以调整费用高低

以上都填好之后请点击“send”按钮



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