

Instructions for upgrading the Kiirocoin master node collateral (Collateral Upgrade)

1. It will be very easy to update your collateral if the previous time you registered and launched a masternode, you saved all your data!

In any case, you will need all your data for the "protx register" command

`protx register collateralHash collateralIndex ipAndPort ownerAddress operatorPubKey votingAddress operatorReward payoutAddress feeSourceAddress`

If you haven't saved all your data, you can get it again, it's also very simple!

Open your QT wallet. Go to the "Masternodes" tab. Check the box next to "My masternodes only". Double-click the left mouse button on the masternode you need and you will see all the data.

The screenshot shows the 'Masternodes' tab in the Kiirocoin Core - Wallet interface. The interface includes a menu bar (File, Settings, Help) and a navigation bar with tabs: Overview, Send, Receive, Transactions, Lelantus, Masternodes, and KIICOIN. A filter list is set to 'My masternodes only' with a node count of 10. A table lists 10 masternodes with columns for Service, Status, PoSe Score, Registered (Block), Last Paid (Block), Next Payment (Block), Payout Address, Operator Reward, Collateral Address, Collateral Amount, and Owner Address. A double-click on a masternode opens a dialog box titled 'Additional information for DIP3 Masternode c47e341df5dc824e1e7da9a696426dbaa11e88133f45d0623c3810bbfa154e60'. The dialog displays a JSON object with the following data:

```
{
  "proTxHash": "c47e341df5dc824e1e7da9a696426dbaa11e88133f45d0623c3810bbfa154e60",
  "collateralHash": "f200e90d6596f988030cea5a05d162f1d4240ac54420d8b600e157303a7ccd3c",
  "collateralIndex": 1,
  "collateralAddress": "KJkDdhjaPZkutqHU4KGQkGiA8qViDiLGSW",
  "collateralAmount": 4000,
  "needToUpgrade": false,
  "operatorReward": 0,
  "state": {
    "service": "8999",
    "registeredHeight": 187743,
    "lastPaidHeight": 219110,
    "PoSePenalty": 0,
    "PoSeRevivedHeight": -1,
    "PoSeBanHeight": -1,
    "revocationReason": 0,
    "ownerAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtxAeGrCLV",
    "votingAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtxAeGrCLV",
    "payoutAddress": "KUXeCkxHYVBdMADLSFiesgCZmUYznHHN8",
    "pubKeyOperator": "06ac1fa911f4c2931e6578e71aff626bf35b68b9bc1"
  }
}
```

An 'OK' button is located at the bottom of the dialog box.

You can also connect to your VPS server and enter the command in the terminal:

kiirocoin-cli evoznode status

In response, you will receive exactly the same information from the VPS server.

```
root@ [redacted]:~# kiirocoin-cli evoznode status
{
  "outpoint": "C0OutPoint(f200e90d6596f988030cea5a05d162f1d4240ac54420d8b600e157303a7ccd3c, 1)",
  "service": "[redacted]:8999",
  "proTxHash": "c47e341df5dc824e1e7da9a696426dbaa11e88133f45d0623c3810bbfa154e60",
  "collateralHash": "f200e90d6596f988030cea5a05d162f1d4240ac54420d8b600e157303a7ccd3c",
  "collateralIndex": 1,
  "collateralAddress": "KJkDdhjaPZkutqHU4KGQkGiA8qViDiLG5W",
  "collateralAmount": 4000,
  "needToUpgrade": false,
  "dmnState": {
    "service": "[redacted]:8999",
    "registeredHeight": 187743,
    "lastPaidHeight": 219110,
    "PoSePenalty": 0,
    "PoSeRevivedHeight": -1,
    "PoSeBanHeight": -1,
    "revocationReason": 0,
    "ownerAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtXAeGrCLV",
    "votingAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtXAeGrCLV",
    "payoutAddress": "KUXeCXkHYVBdMADLsFiesgCZmUYZnHHNX8",
    "pubKeyOperator": "0 [redacted]cf1a911 [redacted]e4c29 [redacted]2365 [redacted]5b68b9b [redacted]"
  },
  "state": "READY",
  "status": "Ready"
}
```

- Now you will need to go to the “Send” tab and in the “Inputs” function select and unlock your collateral (4 000 Kiirocoins) from the “collateralAddress”. Then you need to transfer all your 4 000 coins from this collateral address to any other free address that you can freely use on a daily basis. **For this transaction, be sure to include the fee in the total of all 4 000 coins (check the box next to 'Subtract fee from amount')**. You need to wait for one transaction confirmation, after which your masternode will disappear from the list of active masternodes because you have just withdrawn its valid collateral.

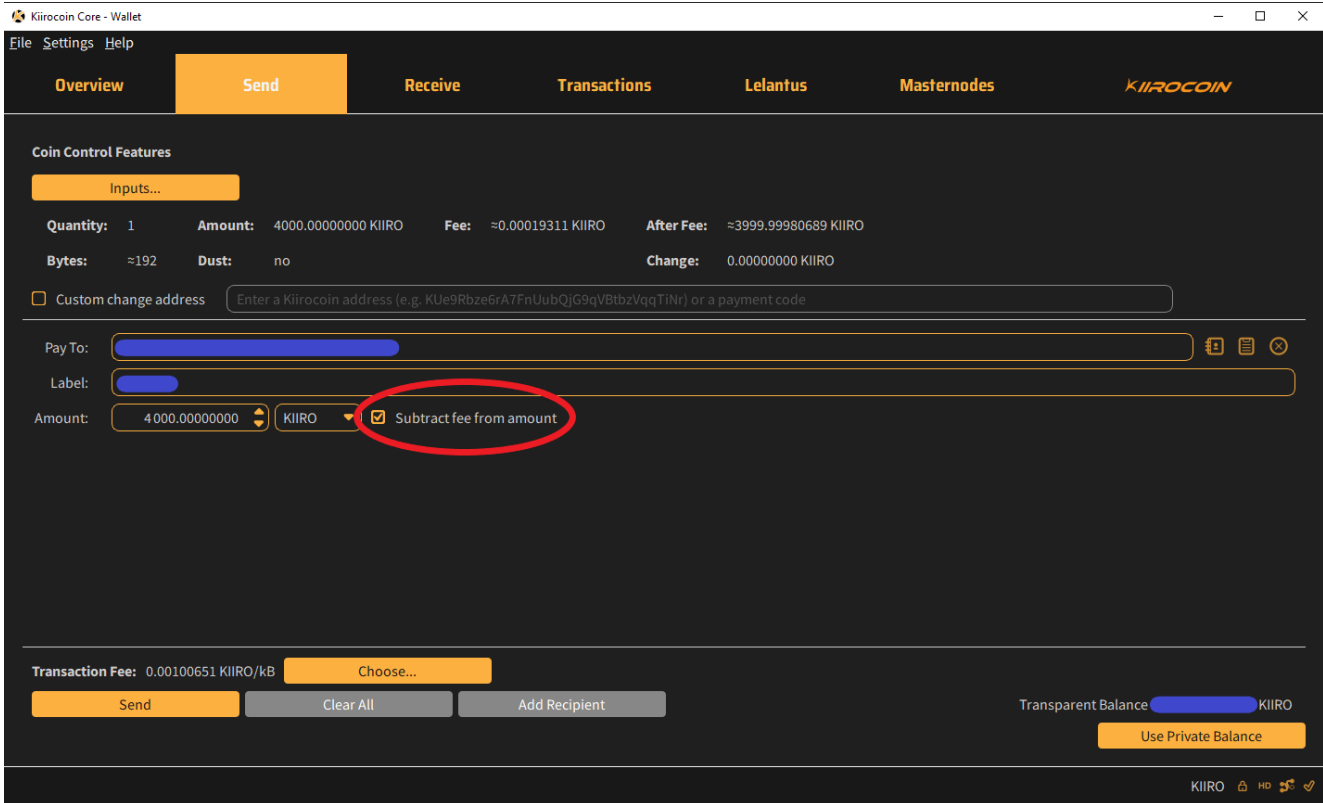
Coin Selection

Quantity: 0 Amount: 0.00000000 KIIRO Fee: 0.00000000 KIIRO After Fee: 0.00000000 KIIRO
Bytes: 0 Dust: no Change: 0.00000000 KIIRO

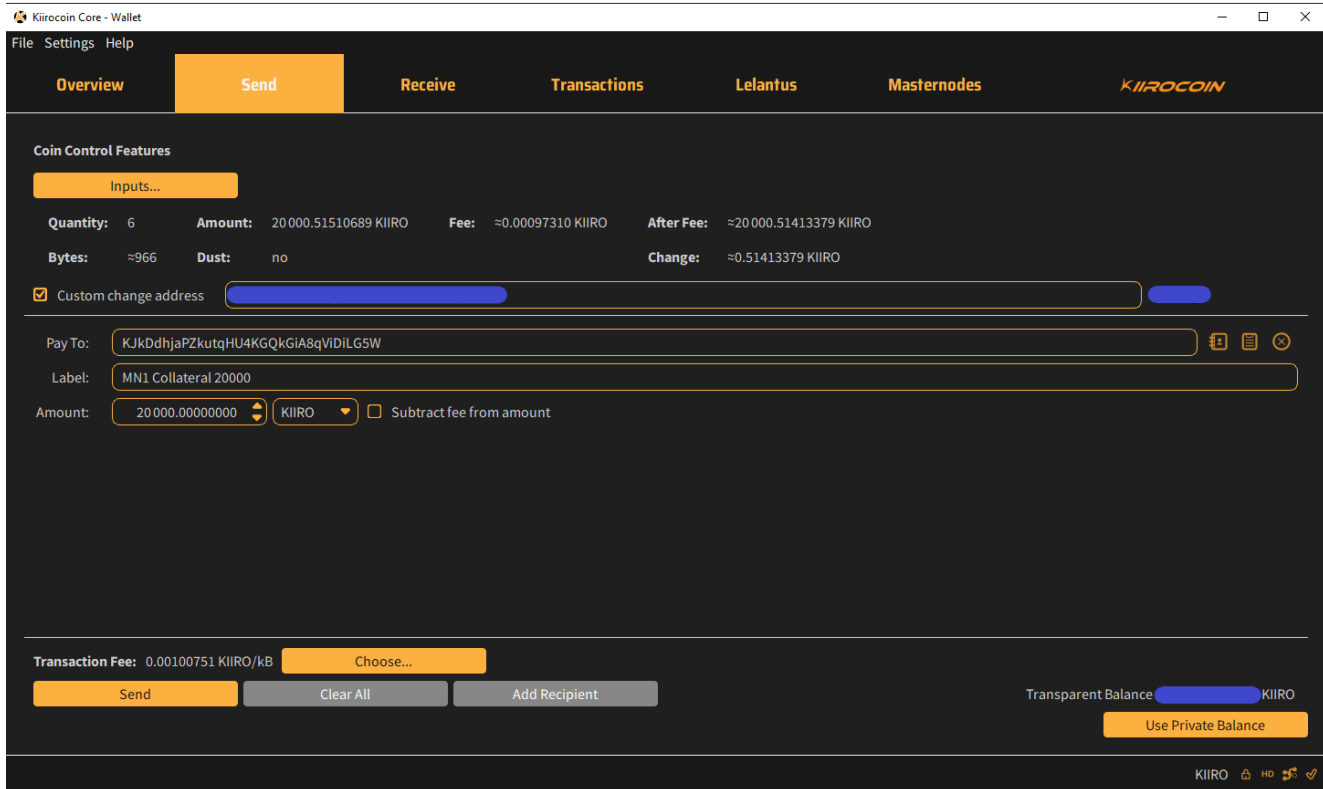
(un)select all Tree mode List mode (10 locked)

Amount	Received with label	Received with address	Date
(1) 4000.00000000	MN08 Collateral 4000	K8wp2vZimJ7YB8fyntqXScYH7j2PuGu9od	
(1) 4000.00000000	MN02 Collateral 4000	KAJQ3tt8DmNgEKyQUMaaB87pJ79kWELhFp	
(1) 4000.00000000	MN05 Collateral 4000	KDVYoz232EM4rZjPWGCb81kksPwjXiPCUE	
(1) 4000.00000000	MN01 Collateral 4000	KJkDdhjaPZkutqHU4KGQkGiA8qViDiLG5W	
(1) 4000.00000000			10.06.21
(1) 4000.00000000	ateral 4000	KMCehdKYi1aJbqof4wRSQWduNXv6eLyos2	
(1) 4000.00000000	ateral 4000	KNFVJMBN2vmj34CHPDWHq4TrdVKGWnjpM	
(1) 4000.00000000	ateral 4000	KNSwL4gjSq7ratP4hraccyXM4E4CVGntSQ	
(1) 4000.00000000	ateral 4000	KNhoXoptpSaYfDQ9z5fyi8sHZhUevSYDWV	
(1) 4000.00000000	ateral 4000	KQwdNibEchBYHaud7GM13wVj6ACwAQkvLC	

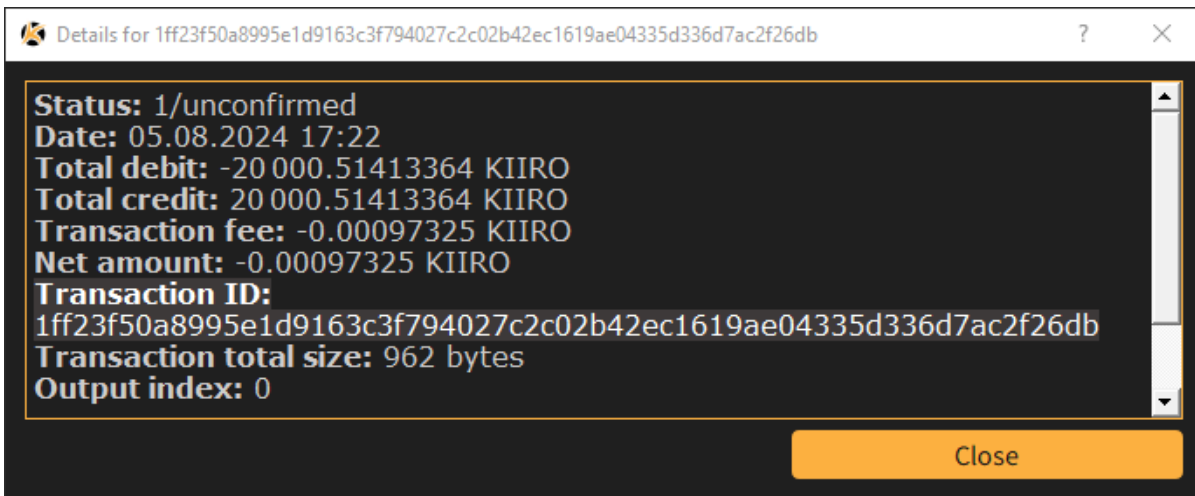
OK



- Now you need to transfer 20 000 Kiirocoins to the same Collateral Address that had 4 000 coins a few minutes ago. That is, we return the coins to the same Collateral Address again, but in the amount of 20 000.



- Now we wait for one confirmation of the transaction. Go to the "Transactions" tab, left-click 2 times on our last transaction and copy or remember the Transaction ID

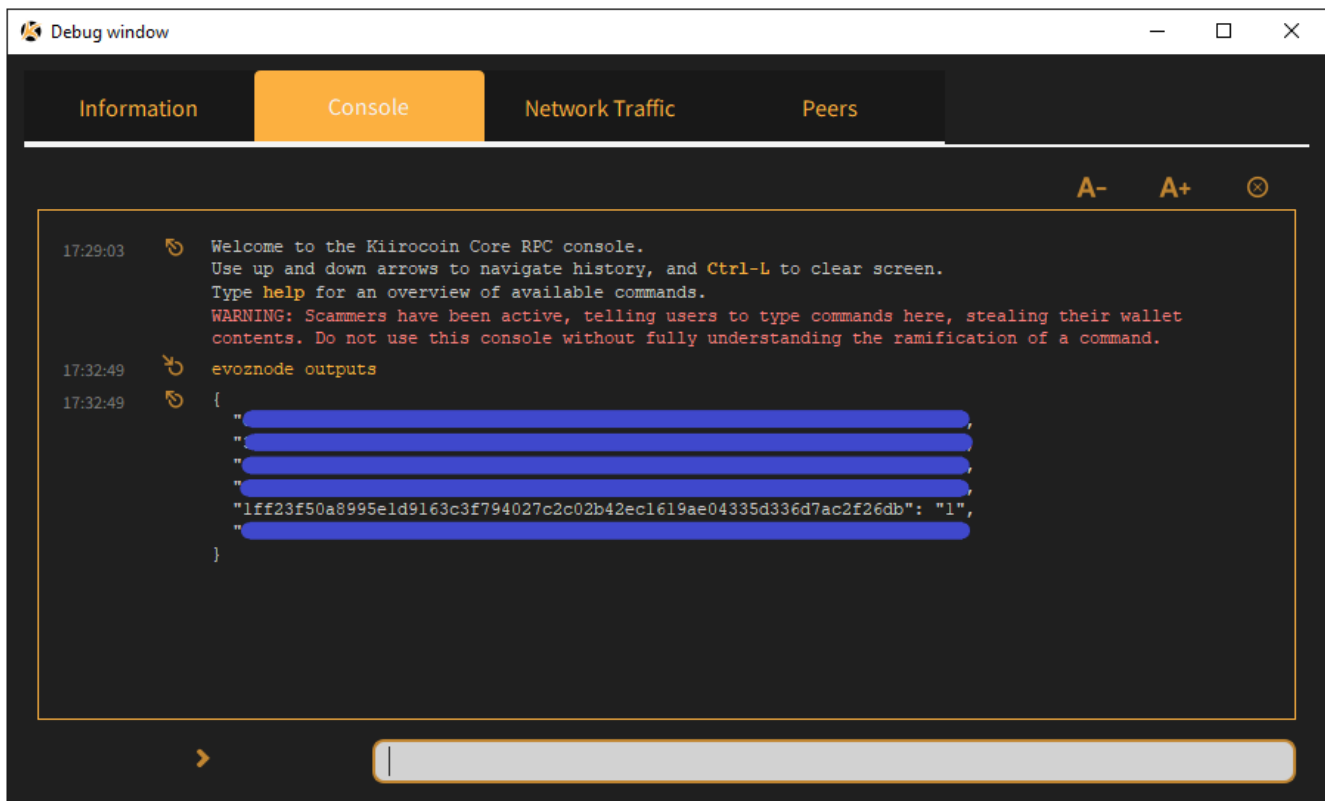


- Now open the menu Help -> Debug window. 'Console' tab and enter the command

evoznode outputs

We need to find our transaction among the list and write it down so as not to lose it.

Now we got new **collateralHash** and **collateralIndex**



6. All that remains is to register our new masternode with a new collateral of 20 000 Kiir! To do this, insert new data `collateralHash` and `collateralIndex` to our command and enter it into the Console:

```
protx register collateralHash collateralIndex ipAndPort ownerAddress operatorPubKey  
votingAddress operatorReward payoutAddress feeSourceAddress
```

where `operatorReward = 0`

Before entering this command, do not forget to unlock your wallet. To do this, enter the following command in the wallet console:

```
walletpassphrase YOURPASSWORD 60
```

where 60 is the time in seconds during which your wallet will be unlocked. You can use 120 or 150 instead of 60.

If you entered the command correctly, then in response you will receive your **proTx Hash** and the commission will be debited from the **fee** address that you used in the command.

Wait for 1 confirmation and your node will appear in the “Masternodes” tab.

You can also connect to your VPS server and enter the command:

```
kiirocoin-cli evoznode status
```

To make sure the node is working correctly

```
"state": "READY",  
"status": "Ready"
```

Congratulations, you have successfully upgraded your Masternode's collateral! (Collateral Upgrade)

P.S.

If you have forgotten how to set up and launch a masternode, here are links to instructions:

https://kiirocoin.org/download/english_guide.pdf

https://kiirocoin.org/download/russian_guide.pdf