

## 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 Kiirocoin Core - Wallet interface with the Masternodes tab selected. 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 pop-up window titled "Additional information for DIP3 Masternode 29deb91e190f958e7c9655b5d00ba898c1ada790a624f483f804d070921b9f2c" displays the following JSON data:

```
{
  "proTxHash": "29deb91e190f958e7c9655b5d00ba898c1ada790a624f483f804d070921b9f2c",
  "collateralHash": "c4a6a5640a0d9074f3770aebcf69f289bf40882bc42c6b3ad1c1d12712977a7",
  "collateralIndex": 0,
  "collateralAddress": "KJkDdhjaPZkutqHU4KQGqkGIA8qVidILG5W",
  "collateralAmount": 3000,
  "needToUpgrade": false,
  "operatorReward": 0,
  "state": {
    "service": "8999",
    "registeredHeight": 122084,
    "lastPaidHeight": 174680,
    "PoSePenalty": 0,
    "PoSeRevivedHeight": 173818,
    "PoSeBanHeight": -1,
    "revocationReason": 0,
    "ownerAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtxAeGrCLV",
    "votingAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtxAeGrCLV",
    "payoutAddress": "KUXeCXkHYVbMADLsFiesgCZmUYZnHHNX8",
    "pubKeyOperator": "8999d9bfc05843833fb69cfaf13e51ca3"
  }
}
```

An "OK" button is visible at the bottom of the pop-up window.

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": "COutPoint(c4a6a5640a0d9074f3770aebcfc69f289bf40882bc42c6b3ad1c1d12712977a7, 0)",
  "service": "[redacted]:8999",
  "proTxHash": "29deb91e190f958e7c9655b5d00ba898c1ada790a624f483f804d070921b9f2c",
  "collateralHash": "c4a6a5640a0d9074f3770aebcfc69f289bf40882bc42c6b3ad1c1d12712977a7",
  "collateralIndex": 0,
  "collateralAddress": "KJkDdhjaPZkutqHU4KGQkGiA8qViDiLG5W",
  "collateralAmount": 3000,
  "needToUpgrade": false,
  "dmnState": {
    "service": "[redacted]:8999",
    "registeredHeight": 122084,
    "lastPaidHeight": 174680,
    "PoSePenalty": 0,
    "PoSeRevivedHeight": 173818,
    "PoSeBanHeight": -1,
    "revocationReason": 0,
    "ownerAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtXAeGrCLV",
    "votingAddress": "KHkQXNzVNa8DAVUC5nSAxmc1UtXAeGrCLV",
    "payoutAddress": "KUXeCXkHYVBdMADLsFiesgCZmUYZnHHNX8",
    "pubKeyOperator": "[redacted]4d9bfc05c[redacted]13833fb[redacted]9cfaf[redacted]3e51ca[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 (3000 Kiirrocoins) from the "collateralAddress". Then you need to transfer all your 3000 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 3000 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.

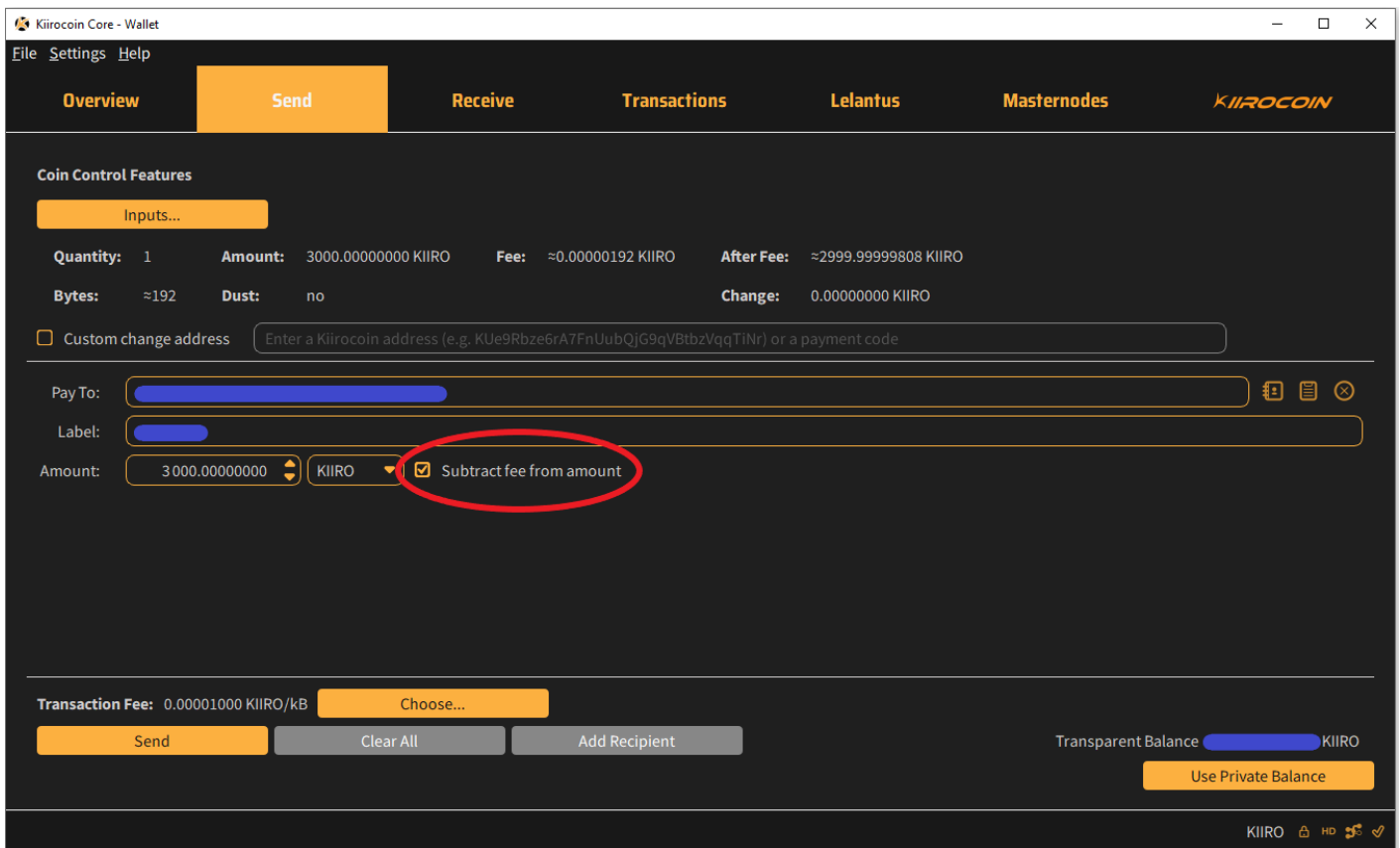
**Coin Selection** ? X

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

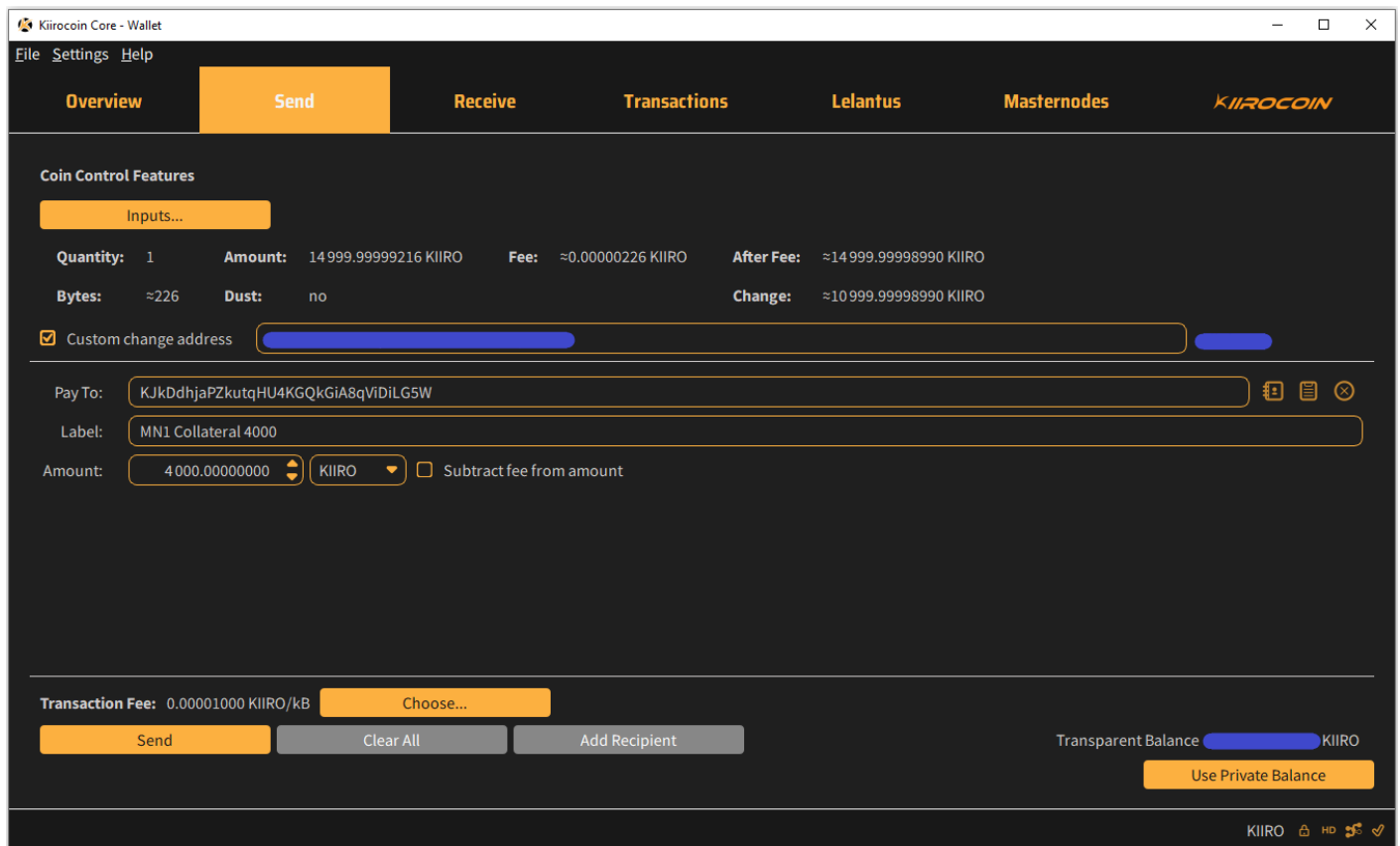
(un)select all  Tree mode  List mode (10 locked)

	Amount	Received with label	Received with address	Date
<input type="checkbox"/>	(1) 4000.00000000	MN8 Collateral 4000	K8wp2vZimJ7YB8fymtqXScYH7j2PuGu9od	
<input type="checkbox"/>	(1) 4000.00000000	MN6 Collateral 4000	KMCehdKYi1aJbqof4wRSQWduNXv6eLyos2	
<input type="checkbox"/>	(1) 3000.00000000	MN2 Collateral 3000	KAJQ3tt8DmNgEKyQUMaaB87pJ79kWELhFp	
<input type="checkbox"/>	(1) 3000.00000000	MN5 Collateral 3000	KDVYoZ232EM4rZjPWGCb81kksPwjXiPCUE	
<input checked="" type="checkbox"/>	(1) 3000.00000000	MN1 Collateral 3000	KJkDdhjaPZkutqHU4KGQkGiA8qViDiLG5W	16.02.2
<input type="checkbox"/>	(1) 30	Collateral 3000	KNFVJMBN2vmj34CHPDWHq4TrdVKgWnjpM	
<input type="checkbox"/>	(1) 30	Collateral 3000	KNSwL4gjSq7ratP4hraccyXM4E4CVGntSQ	
<input type="checkbox"/>	(1) 30	Collateral 3000	KNhoXoptpSaYfDQ9z5fyi8sHZhUevSYDWV	
<input type="checkbox"/>	(1) 30	Collateral 3000	KQwdNibEchBYHaud7GM13wWj6ACwAQkvLC	
<input type="checkbox"/>	(1) 30	Collateral 3000	KRRJgYNrqri2VFiiueVBb4ich3FxfKjepc	

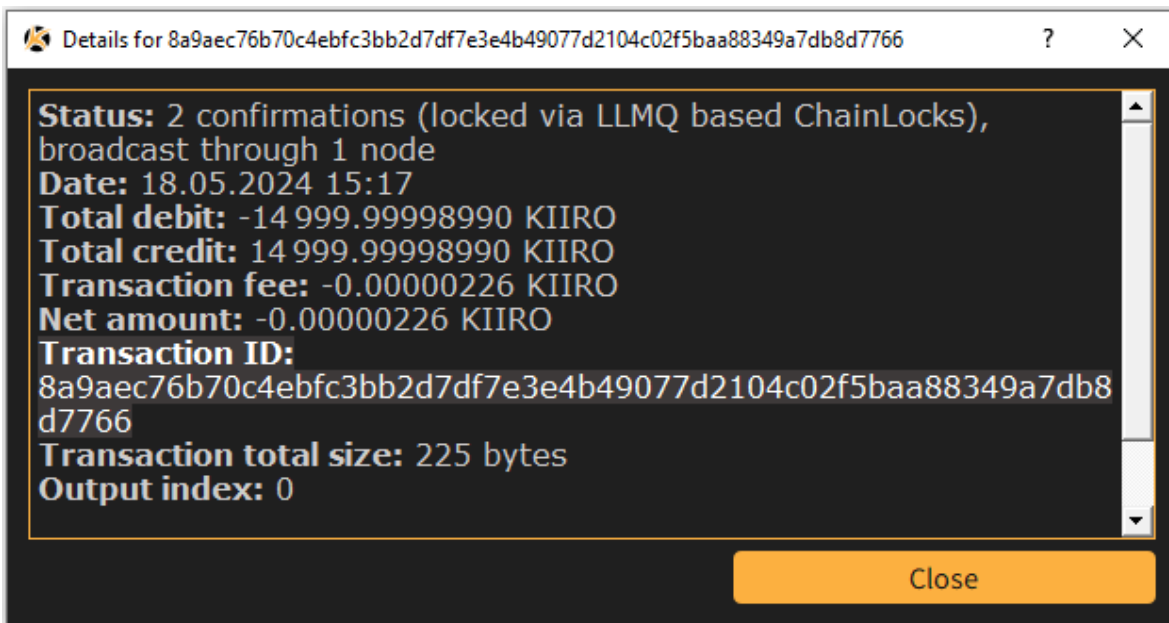
OK



- Now you need to transfer 4000 Kiircoins to the same Collateral Address that had 3000 coins a few minutes ago. That is, we return the coins to the same Collateral Address again, but in the amount of 4000.



- 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

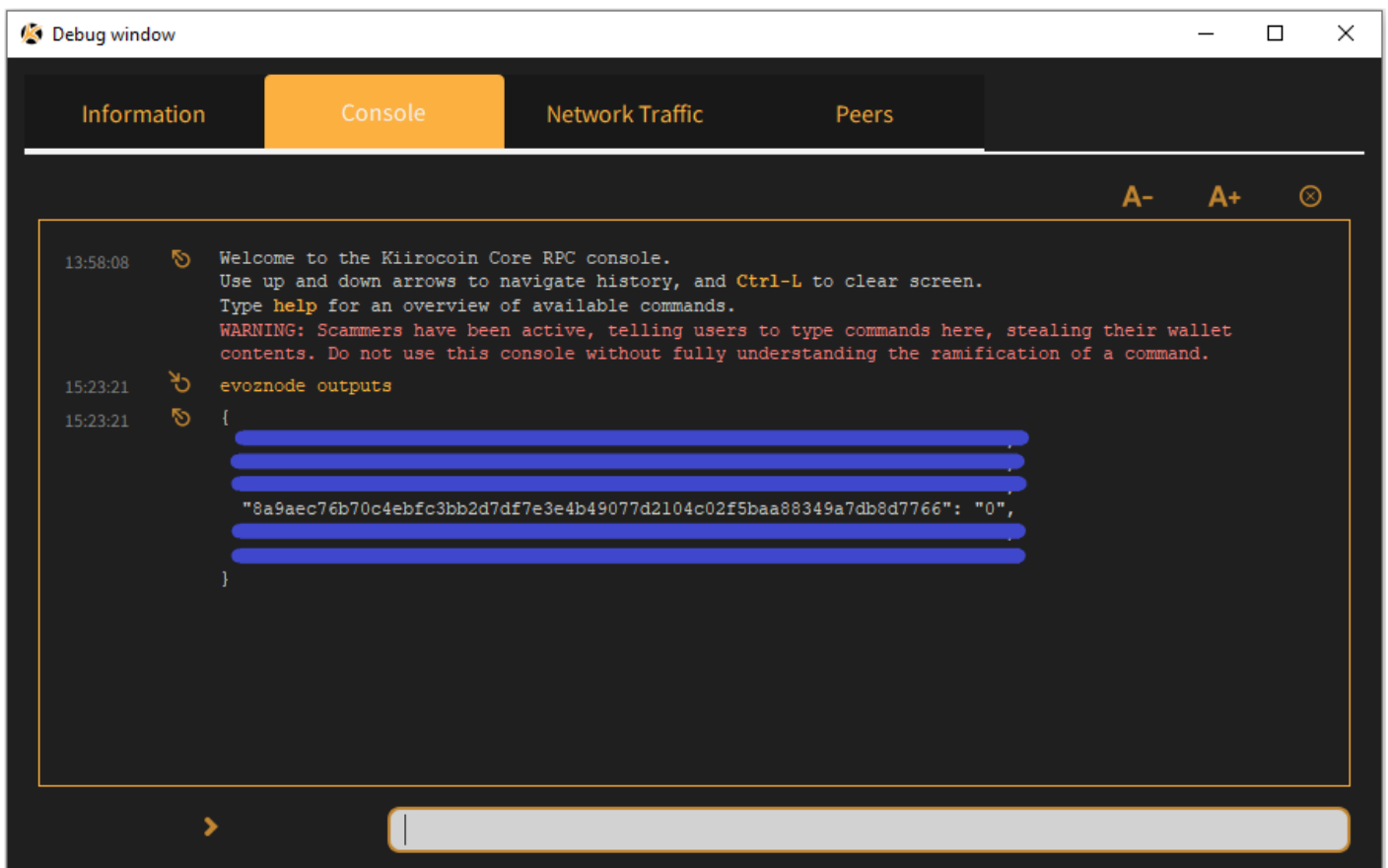


- Now open the menu Help -> Debug window. 'Console' tab and enter the command

***evoznod 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 4000 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/english_guide.pdf)

[https://kiirocoin.org/download/russian\\_guide.pdf](https://kiirocoin.org/download/russian_guide.pdf)