**Bug Report**

Bug – 1

Summary: Bitcoin transaction is unsuccessful with valid data

Description: Bitcoin transaction is unsuccessful with valid data

Priority: High

Severity: Blocker

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "BTC Bitcoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/bitcoin/transactions/send with valid data in body:

{

"config": {

"address": "mhxm2k2TcdRz15rU1ESZ97KL7m5sumcBRi",

"privateKey": "cURsutNBzsupisFMk6PjZpTokfkiLawnuZNvpRGA7TYaw9GHSpb6",

"wif": true

},

"data": [

{

"address": "2NEoTkJijpJCSdWBP3bWNnCScMHxfkdZn7U",

"amount": "0.0001"

}

]

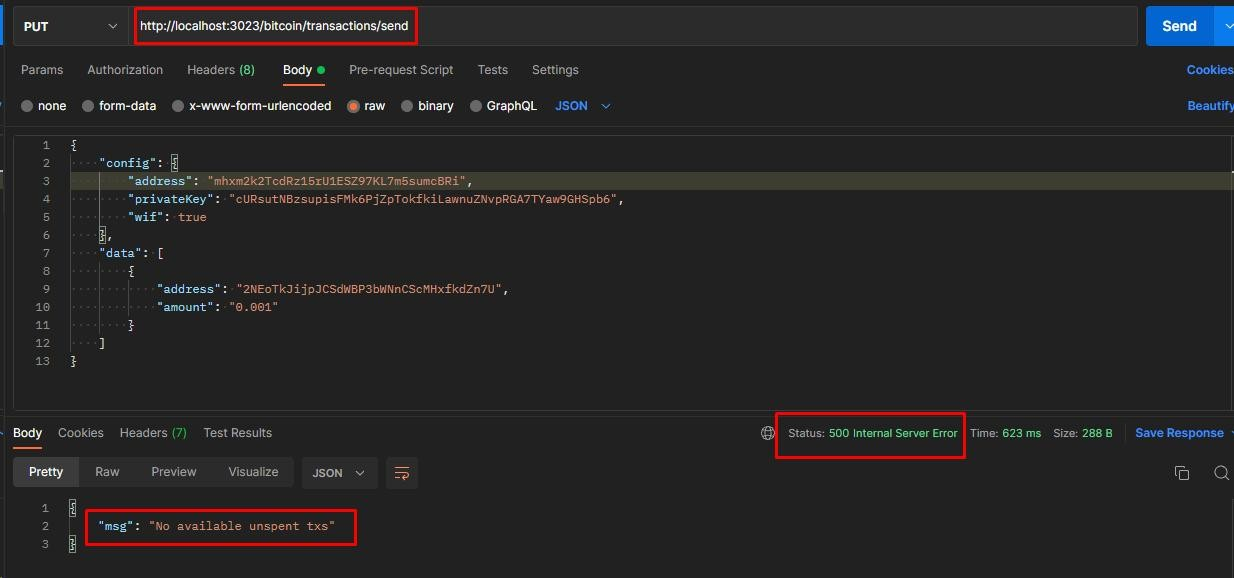
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A unsuccessful response has status 500 and contains message “No available unspent txs”

Expected result: A successful response has status 200 and contains transaction’s hash  
{  
"txHash": "xxxxxxxx"  
}



Bug – 2

Summary: Bitcoin transaction with the invalid private key of sender address has 500 error

Description: Bitcoin transaction with the invalid private key of sender address has 500 error

Priority: High

Severity: Major

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "BTC Bitcoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/bitcoin/transactions/send with empty private key of sender address in body:

{

"config": {

"address": "mhxm2k2TcdRz15rU1ESZ97KL7m5sumcBRi",

"privateKey": " ",

"wif": true

},

"data": [

{

"address": "2NEoTkJijpJCSdWBP3bWNnCScMHxfkdZn7U ",

"amount": "0.0001"

}

]

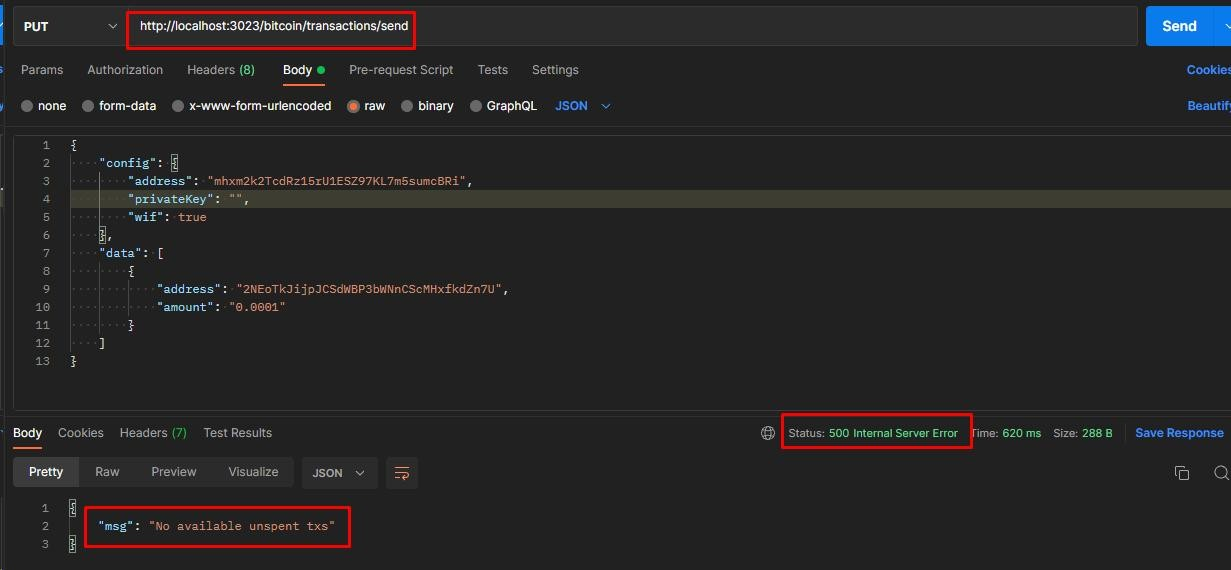
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A unsuccessful response has status 500 and contains message “No available unspent txs”

Expected result: A unsuccessful response has status 400 and contains message "Invalid private key"



Bug – 3

Summary: Bitcoin transaction with invalid recipient address has 500 error

Description: Bitcoin transaction with invalid recipient address has 500 error

Priority: High

Severity: Major

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "BTC Bitcoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/bitcoin/transactions/send with empty recipient address in body:

{

"config": {

"address": "mhxm2k2TcdRz15rU1ESZ97KL7m5sumcBRi",

"privateKey": " cURsutNBzsupisFMk6PjZpTokfkiLawnuZNvpRGA7TYaw9GHSpb6",

"wif": true

},

"data": [

{

"address": "",

"amount": "0.0001"

}

]

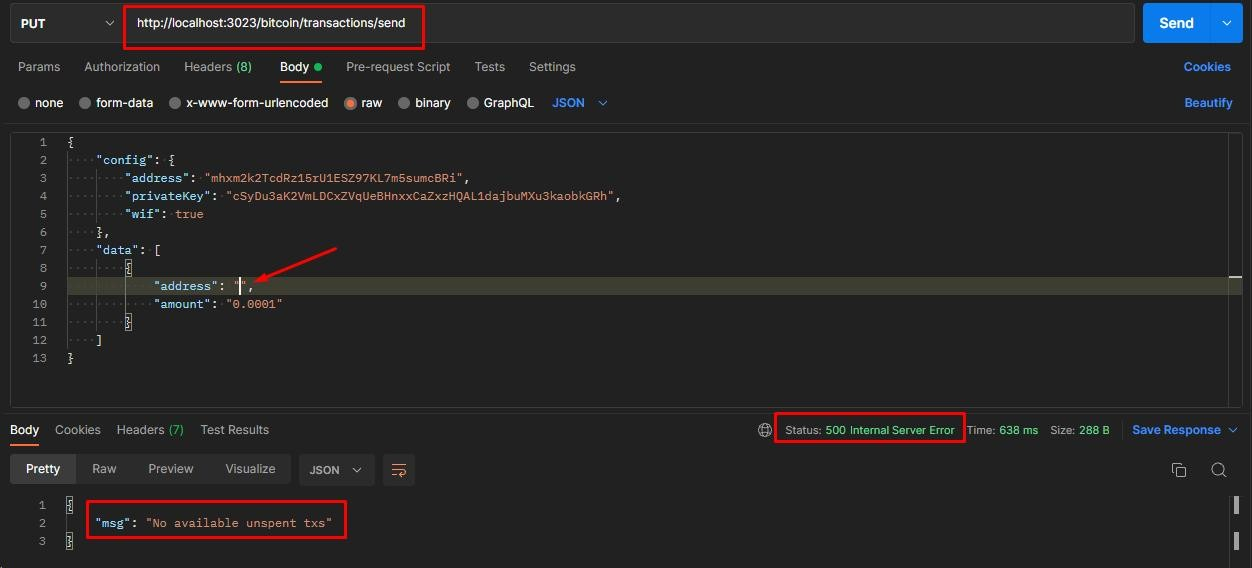
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A unsuccessful response has status 500 and contains message “No available unspent txs”

Expected result: A unsuccessful response has status 400 and contains message "Invalid address"



Bug – 4

Summary: Bitcoin transaction with invalid amount has 500 error

Description: Bitcoin transaction with invalid amount has 500 error

Priority: High

Severity: Major

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "BTC Bitcoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/bitcoin/transactions/send with empty amount in body:

{

"config": {

"address": "mhxm2k2TcdRz15rU1ESZ97KL7m5sumcBRi",

"privateKey": " cURsutNBzsupisFMk6PjZpTokfkiLawnuZNvpRGA7TYaw9GHSpb6",

"wif": true

},

"data": [

{

"address": "2NEoTkJijpJCSdWBP3bWNnCScMHxfkdZn7U",

"amount": ""

}

]

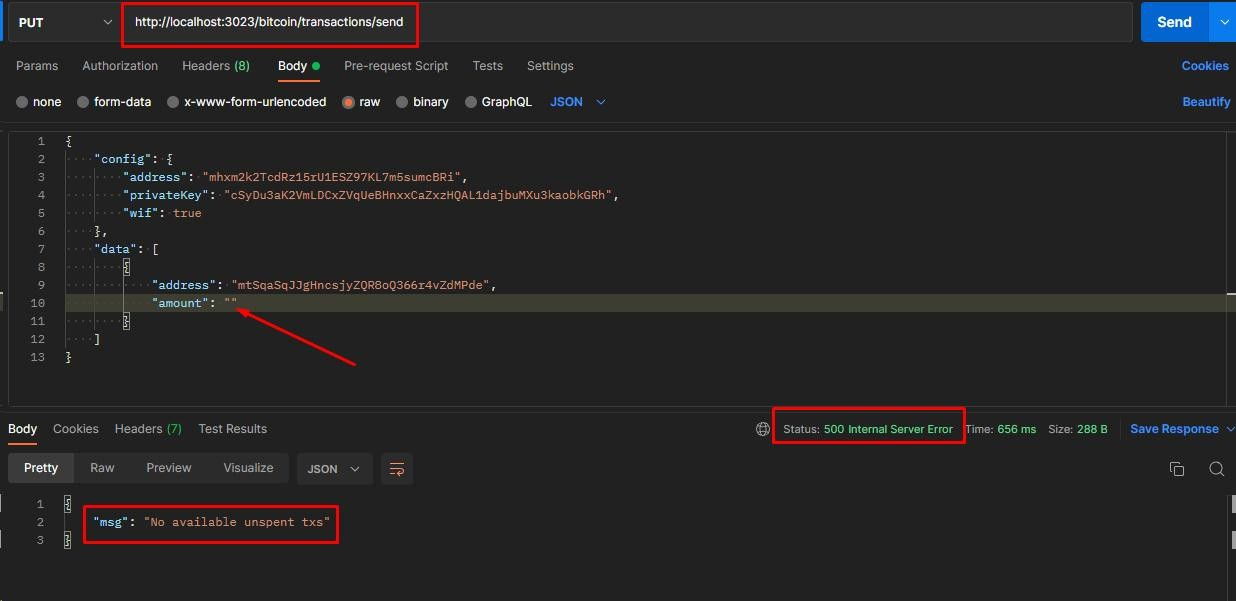
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A unsuccessful response has status 500 and contains message “No available unspent txs”

Expected result: A unsuccessful response has status 400 and contains message "Invalid amount"



Bug – 5

Summary: Litecoin transaction with invalid sender address has 200 status

Description: Litecoin transaction with invalid sender address has 200 status

Priority: High

Severity: Critical

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "LTC Litecoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/litecoin/transactions/send with invalid sender address in body:

{

"config": {

"address": "",

"privateKey": "cPsUAA4EAKWKhsNYm94aPE2mW47z66gxKfnQdhQD1FJKgq2LnriP",

"wif": true

},

"data": [

{

"address": "mzZDNPkUkcPjLeBUfdAad3jKwQJszQbc1p",

"amount": "0.0001"

}

]

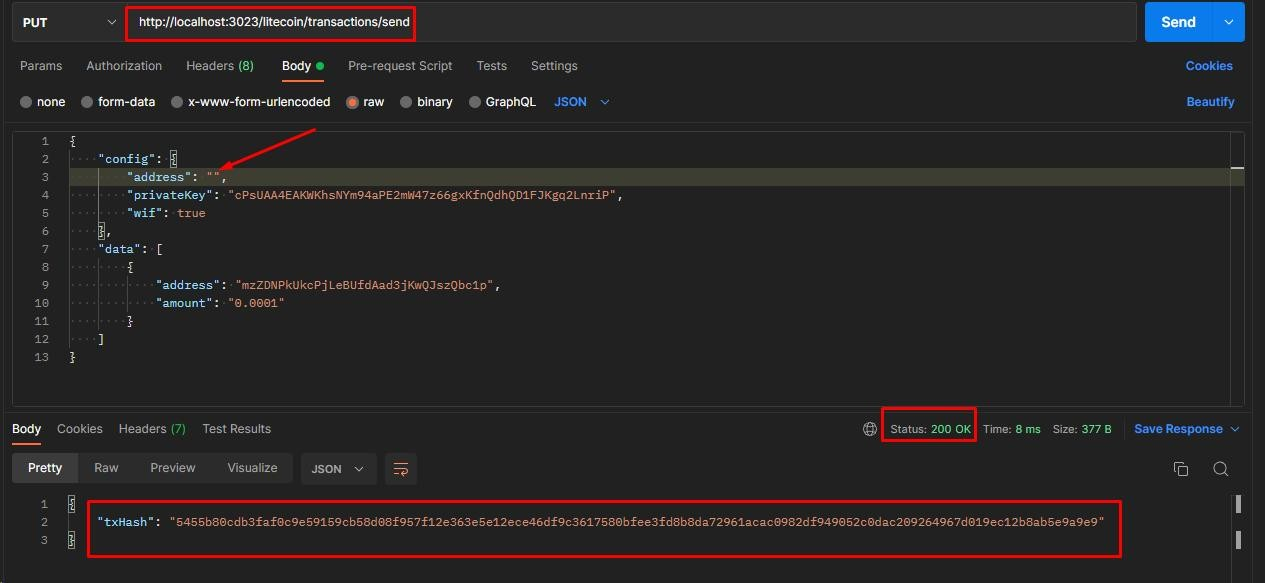
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A successful response has status 200 and contains transaction’s hash  
{  
"txHash": "xxxxxxxx"  
}

Expected result: A unsuccessful response has status 400 and contains message "Invalid address"



Bug – 6

Summary: Litecoin transaction with invalid private key of sender address has 200 status

Description: Litecoin transaction with invalid private key of sender address has 200 status

Priority: High

Severity: Critical

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "LTC Litecoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/litecoin/transactions/send with invalid private key of sender address in body:

{

"config": {

"address": " mxPmhd5jJwq2ekmK36AFQS2aKnjLDiwHVq",

"privateKey": "",

"wif": true

},

"data": [

{

"address": "mzZDNPkUkcPjLeBUfdAad3jKwQJszQbc1p",

"amount": "0.0001"

}

]

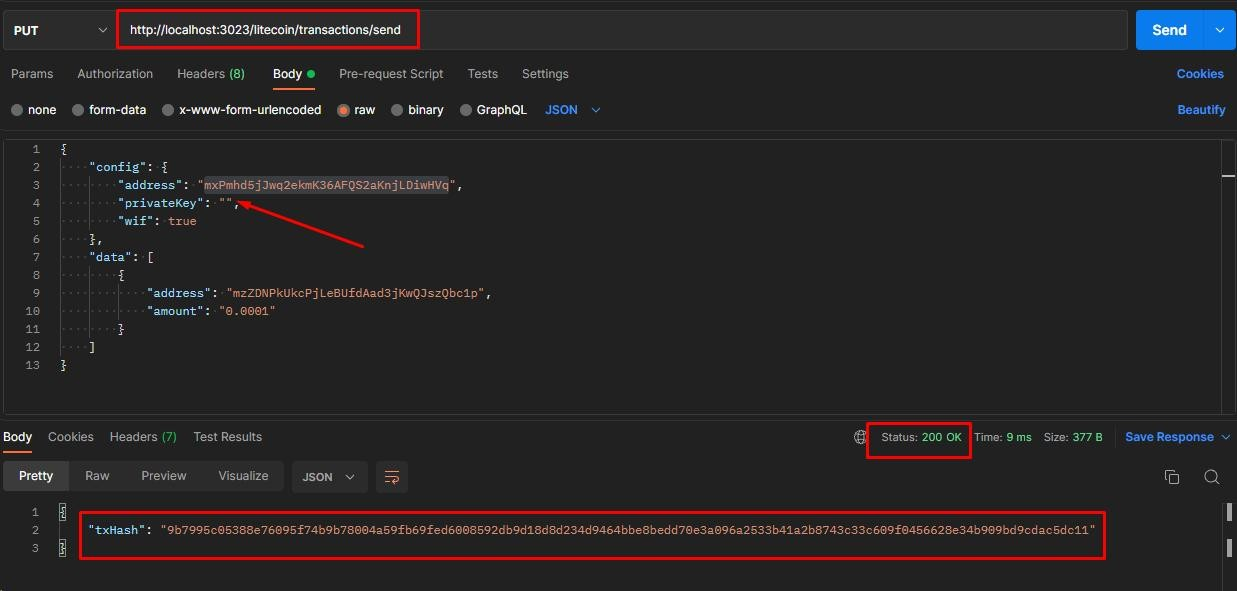
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A successful response has status 200 and contains transaction’s hash  
{  
"txHash": "xxxxxxxx"  
}

Expected result: A unsuccessful response has status 400 and contains message "Invalid private key"



Bug – 7

Summary: Litecoin transaction with invalid recipient address has 200 status

Description: Litecoin transaction with invalid recipient address has 200 status

Priority: High

Severity: Critical

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "LTC Litecoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/litecoin/transactions/send with empty recipient address in body:

{

"config": {

"address": "mxPmhd5jJwq2ekmK36AFQS2aKnjLDiwHVq",

"privateKey": "cPsUAA4EAKWKhsNYm94aPE2mW47z66gxKfnQdhQD1FJKgq2LnriP",

"wif": true

},

"data": [

{

"address": "",

"amount": "0.0001"

}

]

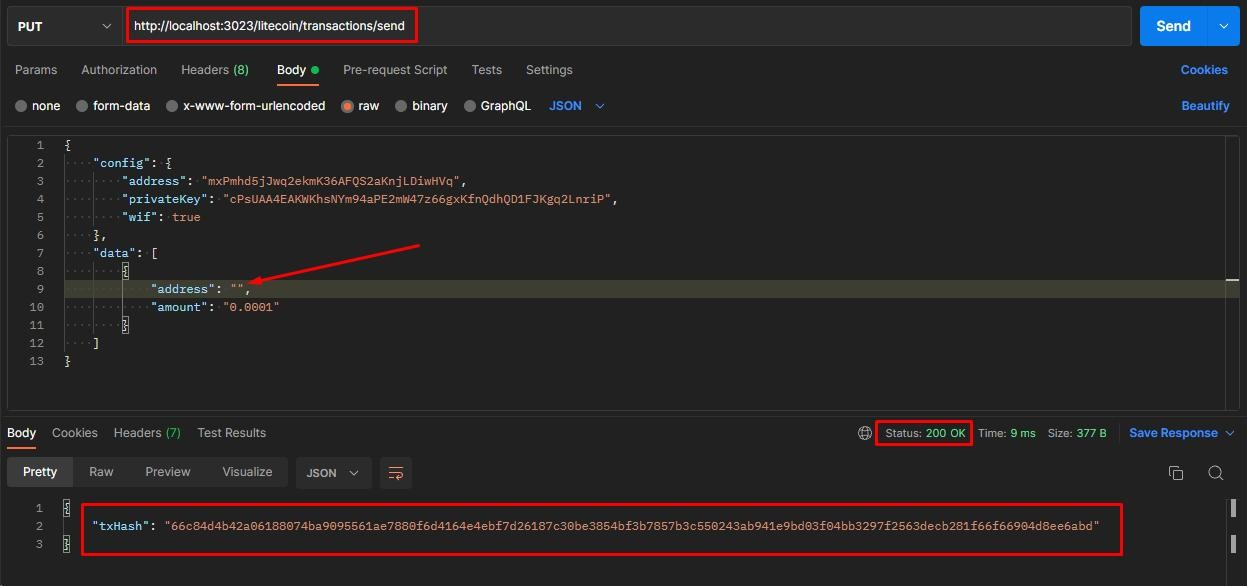
}

2. Click on "Send" button

3. Pay attention to the status response

Actual result: A successful response has status 200 and contains transaction’s hash  
{  
"txHash": "xxxxxxxx"  
}

Expected result: A unsuccessful response has status 400 and contains message "Invalid address"



Bug – 8

Summary: Litecoin transaction with invalid amount has 200 status

Description: Litecoin transaction with invalid amount has 200 status

Priority: High

Severity: Critical

Environment: Win 10 (v.1803), Postman v9.29.0

Preconditions:

1. Wallets with "LTC Litecoin Testnet" coin generate on the site: https://iancoleman.io/bip39/

2. Create a "tx-sender" collection in Postman

Steps:

1. Create request PUT http://localhost:3023/litecoin/transactions/send with empty amount in body:

{

"config": {

"address": "mxPmhd5jJwq2ekmK36AFQS2aKnjLDiwHVq",

"privateKey": "cPsUAA4EAKWKhsNYm94aPE2mW47z66gxKfnQdhQD1FJKgq2LnriP",

"wif": true

},

"data": [

{

"address": "mzZDNPkUkcPjLeBUfdAad3jKwQJszQbc1p",

"amount": ""

}

]

}2. Click on "Send" button

3. Pay attention to the status response

Actual result: A successful response has status 200 and contains transaction’s hash  
{  
"txHash": "xxxxxxxx"  
}

Expected result: A unsuccessful response has status 400 and contains message "Invalid amount"

