

XDAG RPC Documentation

I . Data Structure

1. v0.8.0 Update
2. BlockResponse
3. TxLink
4. Link
5. XdagStatusResponse
6. SyncingResult
7. NetConnResponse

II. RPC Function

1. xdag_getBlockByHash
 - 1.1 xdag_getBlockByHash (String hash, int page)
PS: Show request without respond.
 - 1.2 xdag_getBlockByHash (String BlockHash, int Page, int PageSize)
 - 1.3 xdag_getBlockByHash (String hash, int page, String startTime, String endTime)
 - 1.4 xdag_getBlockByHash (String hash, int page, String startTime, String endTime, int PageSize)
2. xdag_getBlockByNumber
 - 2.1 xdag_getBlockByNumber(String BlockHeight, int Page)
 - 2.2 xdag_getBlockByNumber(String BlockHeight, int Page, int PageSize)
3. xdag_blockNumber
4. xdag_coinbase
5. xdag_getBalance
6. xdag_getTransactionNonce
7. xdag_syncing
8. xdag_getTotalBalance
9. xdag_getStatus
10. xdag_personal_sendTransaction
11. xdag_personal_sendSafeTransaction
12. xdag_getRewardByNumber
13. xdag_sendRawTransaction
14. xdag_netType
15. xdag_netConnectionList
- ~~16. xdag_poolConfig~~
- ~~17. xdag_updatePoolConfig~~

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1. v0.8.0 Update

Added two RPC functions:

1. xdag_getTransactionNonce
2. xdag_personal_sendSafeTransaction

2. BlockResponse

Used to describe a block structure

```
long height; // block height, it will be zero if block is not a main block
String balance; // block balance
long blockTime; // block generate time
long timeStamp; // block generate time(xdag_time)
String state; // block state, "Main" "Rejected" "Accepted" "Pending"
String hash; // block hash
String address; // block address
String remark; // block remark
String diff; // block difficulty
String type; // block type, "Main" "wallet" "Transaction"
String flags; // block flags
List<Link> refs; // reference
List<TxLink> transactions; // transaction history when block as a address
```

3. TxLink

Used to describe transaction history

```
int direction; // 0 input 1 output 2 earning
String hashlow; // transaction hashlow (28bytes)
String address; // address
String amount; // xfer amount
long time; // transaction create time
String remark; // transaction remark
```

4. Link

Used to describe the reference

```
int direction; // 0 input 1 output 2 fee
String address; // block address
String hashlow; // block hashlow
String amount; // amount
```

5. XdagStatusResponse

Used to describe the status of the XDAG network

```
String nblock; // the number of block in this pool
String totalblocks; // the number of block in the mainnet
String nmain; // the number of mainblock in this pool
String totalmain; // the number of mainblock in the mainnet
String curDiff; // the max difficulty for this pool
String netDiff; // the max difficulty for the mainnet
String hashRateOurs; // 4hours hashrate for this pool
String hashRateTotal; // 4hours hashrate for the mainnet
String oursupply; // pool supply
String netsupply; // current supply for xdag
```

6. SyncingResult

Used to describe the synchronization of the pool (node)

```
String currentBlock; // current height in this pool
String highestBlock; // current height for the mainnet
boolean isSyncDone; // "true" if synchronization is complete,"false" otherwise
```

7. NetConnResponse

Used to describe the net connection of the pool

```
InetSocketAddress nodeAddress;
long connectTime;
long inBound;
long outBound;
```

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7. xdag_syncing
8. xdag_getTotalBalance
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11. xdag_personal_sendSafeTransaction
12. xdag_getRewardByNumber
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14. xdag_netType
15. xdag_netConnectionList
16. ~~xdag_poolConfig~~
17. ~~xdag_updatePoolConfig~~

1. xdag_getBlockByHash

1.1 xdag_getBlockByHash (String hash, int page)

Used to return a block based on hash & page.

Req

```
# get by accountAddress
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["AccountAddress","Page"],["id":1]}'

## example 1:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["8PKBGqTAAnzSG8qbZGzDhouihgC3cyvCH","1"],["id":1]}'

# get block by blockAddress
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["BlockAddress","Page"],["id":1]}'

## example 2:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["UDbeuykAXIKWNXuVEzpj5uN4imEenqPK","1"],["id":1]}'
```

Resp

```
# Response of example 1:
{
  "jsonrpc": "2.0",
  "result": {
    "height": 0,
    "balance": "10.000000000",
    "blockTime": 1720015040000,
    "timeStamp": 1761295400960,
    "state": "Accepted",
    "hash": null,
    "address": "8PKBGqTAAnzSG8qbZGzDhouihgC3cyvCH",
    "remark": null,
    "diff": null,
    "type": "wallet",
```

```

    "flags": null,
    "totalPage": 1,
    "refs": null,
    "transactions": [
      {
        "direction": 0,
        "hashlow":
"0000000000000000481baa9925612a67c1da7111a20a10befc477bbd9a5f8c72",
        "address": "coxfmr17R/y+EAqiEXHawwcqYSWZqhtI",
        "amount": "10.000000000",
        "time": 1739414189746,
        "remark": ""
      }
    ]
  },
  "id": "1"
}

```

Response of example 2:

```

{
  "jsonrpc": "2.0",
  "result": {
    "height": 3145037,
    "balance": "0.000000000",
    "blockTime": 1739376191999,
    "timestamp": 1781121220607,
    "state": "Main",
    "hash":
"e22eb2ef6ebce7b2caa39e1e618a78e3e6633a13957b35b0825c0029bbde3650",
    "address": "UDbeuykAXIKwNXuVEzpj5uN4imEenqPK",
    "remark": "xdagJ_test02_179",
    "diff": "0xcdcf6e16f95eec0a915eb634d5ee",
    "type": "Main",
    "flags": "3f",
    "totalPage": 1,
    "refs": [
      {
        "direction": 2,
        "address": "UDbeuykAXIKwNXuVEzpj5uN4imEenqPK",
        "hashlow":
"0000000000000000caa39e1e618a78e3e6633a13957b35b0825c0029bbde3650",
        "amount": "0.200000000"
      },
      {
        "direction": 1,
        "address": "YMsXKKZ+fENDAq57Wyd4M3QehC85BT5j",
        "hashlow":
"0000000000000000633e05392f841e743378275b7bae0243437c7ea62817cb60",
        "amount": "0.000000000"
      },
      {
        "direction": 1,
        "address": "yCLrSDkihpCh3fPtbx7By801w2Xyz4h7",
        "hashlow":
"00000000000000007b8867f265c335cdcbc11e6fedf3dda190862239b0eb22c8",
        "amount": "0.000000000"
      }
    ]
  }
}

```

```
[,
  "transactions": [
    {
      "direction": 2,
      "hashlow":
"0000000000000000caa39e1e618a78e3e6633a13957b35b0825c0029bbde3650",
      "address": "UDbeuykAXIKwNXuVEzpj5uN4imEenqPK",
      "amount": "64.200000000",
      "time": 1739376191999,
      "remark": "xdagJ_test02_179"
    }
  ]
},
"id": "1"
}
```

PS: Show request without respond.

1.2 xdag_getBlockByHash (String BlockHash, int Page, int PageSize)

Used to return a block based on hash & page size.

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":["BlockHash","Page","PageSize"],"id":1}'
```

```
# example:
```

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":["4mvr3DNkpwy9ikpGy4maaMSqUmXjR2hp","1","3"],"id":1}'
```

1.3 xdag_getBlockByHash (String hash, int page, String startTime, String endTime)

Used to return a block based on hash & page & time range.

Req

```
# Time range -- Date:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"'2.0','method':'xdag_getBlockByHash','params':
['BlockHash','Page','StartTime','EndTime'],'id':1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data "{\"jsonrpc\":\"2.0\", \"method\":\"xdag_getBlockByHash\", \"params\": [\"Y988dNxpWuN13OeL1e3dEj/d9ths8ho\", \"1\", \"2023-7-27 12:30:10\", \"2023-7-27 13:05:20\"], \"id\":1}"
```

```
# Time range -- Timestamp:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["BlockHash","Page","StartTime","EndTime"],["id":1]}'

# example:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["55Tffne2cwGSDRJU3kouvZfRNjk19ZaE7","1","1690418353515","1690433215999"],
["id":1]}'
```

1.4 xdag_getBlockByHash (String hash, int page, String startTime, String endTime, int PageSize)

Used to return a block based on hash & time range & page size.

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["BlockHash","Page","StartTime","EndTime","PageSize"],["id":
:1]}'

# example:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByHash","params":
[["4mvr3DNkpWY9ikpGy4maMSQqUMxjR2hp","1","1691675158000","1691675168999",
,"3"],["id":1]}'
```

2. xdag_getBlockByNumber

2.1 xdag_getBlockByNumber(String BlockHeight, int Page)

Used to return a block based on block number & page

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByNumber","params":
[["BlockHeight","Page"],["id":1]}'

# example:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBlockByNumber","params":
[["3145037","1"],["id":1]}'
```

Resp

```
# Response of example:
{
  "jsonrpc": "2.0",
  "result": {
    "height": 3145037,
    "balance": "0.000000000",
```

```

        "blockTime": 1739376191999,
        "timeStamp": 1781121220607,
        "state": "Main",
        "hash":
        "e22eb2ef6ebce7b2caa39e1e618a78e3e6633a13957b35b0825c0029bbde3650",
        "address": "UDbeuykAXIKwNXuVEzpj5uN4imEenqPK",
        "remark": "xdagJ_test02_179",
        "diff": "0xcdf6e16f95eec0a915eb634d5ee",
        "type": "Main",
        "flags": "3f",
        "totalPage": 1,
        "refs": [
            {
                "direction": 2,
                "address": "UDbeuykAXIKwNXuVEzpj5uN4imEenqPK",
                "hashlow":
                "0000000000000000caa39e1e618a78e3e6633a13957b35b0825c0029bbde3650",
                "amount": "0.200000000"
            },
            {
                "direction": 1,
                "address": "YMsXKKZ+fENDAq57Wyd4M3QehC85BT5j",
                "hashlow":
                "0000000000000000633e05392f841e743378275b7bae0243437c7ea62817cb60",
                "amount": "0.000000000"
            },
            {
                "direction": 1,
                "address": "yCLrsDkihpCh3fPtbx7By801w2Xyz4h7",
                "hashlow":
                "00000000000000007b8867f265c335cdcbc11e6fedf3dda190862239b0eb22c8",
                "amount": "0.000000000"
            }
        ],
        "transactions": [
            {
                "direction": 2,
                "hashlow":
                "0000000000000000caa39e1e618a78e3e6633a13957b35b0825c0029bbde3650",
                "address": "UDbeuykAXIKwNXuVEzpj5uN4imEenqPK",
                "amount": "64.200000000",
                "time": 1739376191999,
                "remark": "xdagJ_test02_179"
            }
        ]
    },
    "id": "1"
}

```

2.2 xdag_getBlockByNumber(String BlockHeight, int Page, int PageSize)

Used to return a block based on block number & page & page size.

Req


```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_getBlockByNumber","params":["BlockHeight","Page","PageSize"],"id":1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_getBlockByNumber","params":["2650572","1","2"],"id":1}'
```

3. xdag_blockNumber

Used to return the current main block height

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_blockNumber","params":[],"id":1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_blockNumber","params":[],"id":1}'
```

Resp

```
# Response of example:
{
  "jsonrpc": "2.0",
  "result": "3145719",
  "id": "1"
}
```

4. xdag_coinbase

Used to return the current pool miner

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_coinbase","params":[],"id":1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_coinbase","params":[],"id":1}'
```

Resp

```
# Response of example:
{
  "jsonrpc": "2.0",
  "result": "JpQdSdKcQqoHoUD57ezFSKMxOJCdt3raU",
  "id": "1"
}
```

5. xdag_getBalance

Used to return the balance of someone

Req

```
# getBalance by accountAddress
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBalance","params":
[["AccountAddress"],["id":1]}'

## example 1:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBalance","params":
[["K5q0ews/ma110QLUzePetOdU+EwYKrud"],["id":1]}'

# getBalance by blockAddress
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBalance","params":
[["BlockAddress"],["id":1]}'

## example 2:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getBalance","params":
[["UDbeuykAXIKwNXuVEzpj5uN4imEenqPK"],["id":1]}'
```

Resp

```
# Response of example 1:
{
  "jsonrpc": "2.0",
  "result": "10.000000000",
  "id": "1"
}

# Response of example 2:
{
  "jsonrpc": "2.0",
  "result": "0.000000000",
  "id": "1"
}
```

6. xdag_getTransactionNonce

Used to return the balance of someone

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_getTransactionNonce","params":["accountAddress"],"id":1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_getTransactionNonce","params":["8PKBGqTAAnzSG8qbZGzDhouihgC3cyvCH"],"id":1}'
```

Resp

Response of example:

```
{
  "jsonrpc": "2.0",
  "result": "1",
  "id": "1"
}
```

7. xdag_syncing

Check whether the current synchronization is completed

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_syncing","params":[],"id":1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_syncing","params":[],"id":1}'
```

Resp

```
# if sync done
{
  "jsonrpc": "2.0",
  "result": {
    "currentBlock": "3145729",
    "highestBlock": "3145729",
    "isSyncDone": true
  },
  "id": "1"
}

# else
{
  "jsonrpc": "2.0",
  "result": {
```

```
        "currentBlock": null,  
        "highestBlock": null,  
        "isSyncDone": false  
    },  
    "id": "1"  
}
```

8. xdag_getTotalBalance

Used to return the current balance of this pool

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --  
data '{"jsonrpc":"2.0","method":"xdag_getTotalBalance","params":  
[],"id":1}'
```

example:

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --  
data '{"jsonrpc":"2.0","method":"xdag_getTotalBalance","params":  
[],"id":1}'
```

Resp

Response of example:

```
{  
  "jsonrpc": "2.0",  
  "result": "324972.800000000",  
  "id": "1"  
}
```

9. xdag_getStatus

Used to return the status of the XDAG network

Req

```
curl http://118.26.111.179:10001/ -s -X POST -H "Content-Type: application/json"  
--data '{"jsonrpc":"2.0","method":"xdag_getStatus","params":  
[],"id":1}'
```

example:

```
curl http://118.26.111.179:10001/ -s -X POST -H "Content-Type: application/json"  
--data '{"jsonrpc":"2.0","method":"xdag_getStatus","params":  
[],"id":1}'
```

Resp

Response of example:

```
{  
  "jsonrpc": "2.0",
```

```

    "result": {
      "nblock": "16252",
      "totalNblocks": "16252",
      "nmain": "3145733",
      "totalNmain": "3145733",
      "curDiff": "0xcdf6e16f95f2dea45901ab58240",
      "netDiff": "0xcdf6e16f95f2dea45901ab58240",
      "hashRateOurs": "1.547266524860277",
      "hashRateTotal": "1.547266524860277",
      "oursSupply": "1247065152.000000000",
      "netSupply": "1247065152.000000000"
    },
    "id": "1"
  }
}

```

10. xdag_personal_sendTransaction

Used to transfer from pool to other address.

Req

```

curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data "
{\"jsonrpc\":\"2.0\", \"method\": \"xdag_personal_sendTransaction\", \"params\":
[\"to\": \"toAddress\", \"value\":
\"value\", \"remark\": \"remark\"], \"password\", \"id\": 1}" #replace password

# example:
curl http://127.0.0.1:9999/ -s -X POST -H "Content-Type: application/json" --data "
{\"jsonrpc\":\"2.0\", \"method\": \"xdag_personal_sendTransaction\", \"params\":
[\"to\": \"PuUubHqqkRaoiJpYCVWJ5pRYCpUGbGKSH\", \"value\":
\"0.1\", \"remark\": \"8888\"], \"123\", \"id\": 1}"

# args {TransactionRequest,password}
# TransactionRequest:
## String from; // from can be null, because it is pool default.
## String to;
## String value;
## String remark;

```

Resp

```

# success
{
  "jsonrpc": "2.0",
  "result": {
    "code": 0,
    "result": [
      "dqy+26fvbAH2oYXV2zLtYNzNiJO9/O4w"
    ],
    "errMsg": null,
    "resInfo": [
      "dqy+26fvbAH2oYXV2zLtYNzNiJO9/O4w"
    ]
  }
}

```

```

    },
    "id": "1"
  }

# failed
{
  "jsonrpc": "2.0",
  "result": {
    "code": -10000,
    "result": null,
    "errMsg": "To address is illegal",
    "resInfo": null
  },
  "id": "1"
}

# failed
{
  "jsonrpc": "2.0",
  "result": {
    "code": -10201,
    "result": null,
    "errMsg": "balance not enough",
    "resInfo": null
  },
  "id": "1"
}

```

11. xdag_personal_sendSafeTransaction

Used to transfer from pool to other address. When making a transfer, you need to first query the transaction nonce and use the transaction nonce as an input parameter.

Req

```

curl http://118.26.111.179:10001/ -s -X POST -H "Content-Type: application/json"
--data "
{
  "jsonrpc": "2.0",
  "method": "xdag_personal_sendSafeTransaction",
  "params": [
    {
      "to": "toAddress",
      "value": "value",
      "remark": "remark",
      "nonce": "nonce",
      "password": "password"
    },
    "id": 1
  ]
}
"

# example:
curl http://118.26.111.179:10001/ -s -X POST -H "Content-Type: application/json"
--data "
{
  "jsonrpc": "2.0",
  "method": "xdag_personal_sendSafeTransaction",
  "params": [
    {
      "to": "LVQW3xsJbnHtvovAvkyE69SR3bqvgehr8",
      "value": "10",
      "remark": "8888",
      "nonce": "1",
      "password": "123"
    },
    "id": 1
  ]
}
"

```

```
# args {CallArguments,password}
# CallArguments:
## String from; from can be null, because it is pool default.
## String to;
## String value;
## String remark;
## String nonce;
```

Resp

```
# success
{
  "jsonrpc": "2.0",
  "result": {
    "code": 0,
    "result": [
      "NbPoK3m8g2ihTJEGSq7rwrCAXX/ye/I"
    ],
    "errMsg": null,
    "resInfo": [
      "NbPoK3m8g2ihTJEGSq7rwrCAXX/ye/I"
    ]
  },
  "id": "1"
}

# failed
{
  "jsonrpc": "2.0",
  "result": {
    "code": -10000,
    "result": null,
    "errMsg": "To address is illegal",
    "resInfo": null
  },
  "id": "1"
}

# failed
{
  "jsonrpc": "2.0",
  "result": {
    "code": -10201,
    "result": null,
    "errMsg": "balance not enough",
    "resInfo": null
  },
  "id": "1"
}

# failed
{
  "jsonrpc": "2.0",
  "result": {
    "code": -10500,
    "result": null,
```

```

        "errMsg": "The nonce passed is incorrect. Please fill in the nonce
according to the query value",
        "resInfo": null
    },
    "id": "1"
}

# failed
{
    "jsonrpc": "2.0",
    "error": {
        "code": -32602,
        "message": "Transaction nonce cannot be empty and must be positive
number",
        "data": null
    },
    "id": "1"
}

```

12. xdag_getRewardByNumber

Used to return the reward of some height

Req

```

curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getRewardByNumber","params":
[\"BlockHeight\"],\"id\":1}'

# example:
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --
data '{"jsonrpc":"2.0","method":"xdag_getRewardByNumber","params":
[\"3000000\"],\"id\":1}'

```

Resp

```

# Response of example:
{
    "jsonrpc": "2.0",
    "result": "64.000000000",
    "id": "1"
}

```

13. xdag_sendRawTransaction

Used to send transfer by raw 512 data

Req


```
# Response of example:
{
  "jsonrpc": "2.0",
  "result": "mainnet",
  "id": "1"
}
```

15. xdag_netConnectionList

Used to return the net conn list

Req

```
curl http://118.26.111.179:10001/ -s -X POST -H "Content-Type: application/json"
--data '{"jsonrpc":"2.0","method":"xdag_netConnectionList","params":
[],"id":1}'

# example:
curl http://118.26.111.179:10001/ -s -X POST -H "Content-Type: application/json"
--data '{"jsonrpc":"2.0","method":"xdag_netConnectionList","params":
[],"id":1}'
```

Resp

```
# Response of example:
{
  "jsonrpc": "2.0",
  "result": [
    {
      "nodeAddress": "152.32.129.160:8001",
      "connectTime": 1761295400960,
      "inBound": 0,
      "outBound": 0
    },
    {
      "nodeAddress": "118.26.111.179:8001",
      "connectTime": 1761295400960,
      "inBound": 0,
      "outBound": 0
    }
  ],
  "id": "1"
}
```

16. xdag_poolConfig

Remove to XdagPool-Go, XdagJ abandon.

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_poolConfig","params":[], "id":1}'
```

Resp

```
# Response
{
  "jsonrpc":"2.0",
  "id":1,
  "result":
  {
    "poolIp":"127.0.0.1",
    "poolPort":7001,
    "nodeIp":"127.0.0.1",
    "nodePort":8001,
    "globalMinerLimit":8192,
    "maxConnectMinerPerIp":256,
    "maxMinerPerAccount":256,
    "poolFeeRation":"5.0",
    "poolRewardRation":"5.0",
    "poolDirectRation":"5.0",
    "poolFundRation":"5.0"
  }
}
```

17. ~~xdag_updatePoolConfig~~

Remove to XdagPool-Go, Xdagj abandon.

Req

```
curl http://127.0.0.1:10001/ -s -X POST -H "Content-Type: application/json" --data '{"jsonrpc":"2.0","method":"xdag_updatePoolConfig","params":[{"poolFeeRation":"12","poolRewardRation":"11","poolDirectRation":"13","poolFundRation":"14.2"}],"password"},"id":1}' #replace password

# args {CallArguments,password}
# CallArguments:
## String poolRewardRation
## String poolDirectRation
## String poolFundRation
## String poolFeeRation
```

Resp

```
# Response
{
  "jsonrpc":"2.0",
  "id":1,
  "result":"Success"
}
```