节点中央账户的生成

1. 概述

当一个节点启动时，会有公共的一个挖矿账户，每次挖矿时都会将奖励发送到这个钱包账户中，每次挖矿的奖励为50单位的币，一个节点可以有申请多个钱包，

1. 代码
2. 设置公共的钱包
3. 12

当前账户所有钱包

{

"code": 200,

"message": "SUCCESS",

"item": [

{

"address": "0xbf5548c00bacf09b505da89bd902c585d68c63a2",

"priKey": "57649d2fbc9671543241cb02e2dab6f8ba845a464d8b6ea0dbfab05d7aa0f065",

"balance": 0

}

]

}

启动挖矿

{

"code": 200,

"message": "Create a new block",

"item": {

"header": {

"index": 1,

"difficulty": 4.417117661945961e+71,

"nonce": 100000,

"timestamp": 1590820186511,

"hash": "0xa9cc0758f2d0c668937f8cfbe405faf1ba87c56ae11177a223bc85771ea4ce8f",

"previousHash": null

},

"body": {

"transactions": [

{

"from": null,

"sign": null,

"to": "0xbf5548c00bacf09b505da89bd902c585d68c63a2",

"publicKey": null,

"amount": 50,

"timestamp": 1590820186595,

"txHash": "0xb83cbe7f5b65863e91a93f66e5c0a80bd260d999cff6eda43ab08c20b2203af5",

"status": "APPENDING",

"errorMessage": null,

"data": "Miner Reward.",

"blockNumber": 0

}

]

},

"confirmNum": 0

}

}

所有的钱包账户

{

"code": 200,

"message": "SUCCESS",

"item": [

{

"address": "0x969c6b95e048c14f407be9c45292af6918fa7496",

"priKey": "8239a696a3ad9ca874e3f052303b36e0beed06003a8e5b19fa8556f3a1618805",

"balance": 0

},

{

"address": "0xbf5548c00bacf09b505da89bd902c585d68c63a2",

"priKey": "57649d2fbc9671543241cb02e2dab6f8ba845a464d8b6ea0dbfab05d7aa0f065",

"balance": 250

}

]

}

上面两个账户互相转账，生成交易ID

0x8179131c4c77d6da8a04ecacb4c93e48a724fbe71a18d80947a219a17dba0a8c

JSON

{

"amount": 100,

"data": "2020-10-10",

"priKey": "57649d2fbc9671543241cb02e2dab6f8ba845a464d8b6ea0dbfab05d7aa0f065",

"to": "0x969c6b95e048c14f407be9c45292af6918fa7496"

}

转账成功之后

{

"code": 200,

"message": "SUCCESS",

"item": [

{

"address": "0x969c6b95e048c14f407be9c45292af6918fa7496",

"priKey": "8239a696a3ad9ca874e3f052303b36e0beed06003a8e5b19fa8556f3a1618805",

"balance": 100

},

{

"address": "0xbf5548c00bacf09b505da89bd902c585d68c63a2",

"priKey": "57649d2fbc9671543241cb02e2dab6f8ba845a464d8b6ea0dbfab05d7aa0f065",

"balance": 250

}

]

}

尝试执行一个错误的转账

{

"code": 400,

"message": "账户余额不足",

"item": null

}