

Account

?module=account

Page is under construction. For a full description of RPC endpoints, visit <https://gnosis.blockscout.com/api-docs>

https://instance_base_url/api?module=account

Return balance from a provided block

eth_get_balance

Mimics Ethereum JSON RPC's eth_getBalance

Example:

Copy `https://instance_base_url/api?module=account&action=eth_get_balance&address={addressHash}`

Request Params Example Result Parameter Description address string containing the address hash. block optional . Block number as a string, or latest ,earliest or pending Latest is the latest balance in a consensus block. Earliest is the first recorded balance for the address. Pending is the latest balance in a consensus or nonconsensus block.

```
Copy { "id": 1, "jsonrpc": "2.0", "result": "0x0234c8a3397aab58" }
```

Get the native token balance for an address

balance

Many chains use their own native tokens. On Ethereum, this will return the result in "Ether", on Gnosis it will be "xDai", etc. Results are returned in wei.

Example:

Copy `https://instance_base_url/api?module=account&action=balance&address={addressHash}`

Request Params	Example Result	Parameter Description
address string containing the address hash.		

```
Copy { "message":"OK", "result":"663046792267785498951364", "status":"1" }
```

Also available through a GraphQL address query. If the balance hasn't been updated recently, the node is double-checked to fetch the absolute latest balance. This will not be reflected in the current request, but once it is updated, subsequent requests will show the updated balance. If you want to know if there is a check for another balance, use the `balanceMulti` action. That contains a property `callState` that will let you know to recheck that balance in the near future.

Get balance for multiple addresses

balancemulti

Example:

Copy `https://instance_base_url/api/?module=account&action=balancemulti&address={addressHash1.addressHash2.addressHash3}`

Request Params	Example Result	Parameter Description
address string containing the address hash, comma separated.	Max 20 addresses.	

```
Copy ["message": "OK", "result": { { "account": "0xdddb2b93c2763ba5b1b7ae3b362eac3e8d40121a", "balance": "4080716856607000000000", "stale": true }, { "account": "0x63a9975ba31b0b9626b3300f7f627147df1f526", "balance": "3325671362228207662478", "stale": false }, { "account": "0x1198ef1ec325a96cc354c72640a38be8b5c558f67", "balance": "18517883300000000000", "stale": false }, { "status": "OK" } } ]
```

Also available through a GraphQL 'addresses' query. If the balance hasn't been updated in a long time, the node is double checked to fetch the absolute latest balance. This is not reflected in the current request, but once it is updated, subsequent requests will show the updated balance. The stale attribute will be set to true if a new balance is being fetched.

Get pending transactions by address

pendingtxlist

Example:

Copy `https://instance_base_url/api?module=account&action=pendingtxlist&address={addressHash}&page=1&offset=5`

Request Params Example Result Parameter Description address string containing the address hash. page optional integer representing the page number used for pagination. 'offset' must also be provided. offset optional integer representing number of transactions returned per page.page must also be provided. ""

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Get transactions by address

Request Params Example Result Parameter Description address string containing the address hash. contractaddress optional string with the token contract address to identify a contract. sort optional sorting preference, asc for ascending and desc for descending. Descending is default. startblock optional integer block number to start

transaction search endblock optional integer block number to stop transaction search. page optional integer representing the page number used for pagination.offset must also be provided. offset optional integer representing number of transactions returned per page.page must also be provided. ```

```
Copy { "message": "OK", "result": [ { "blockHash": "0x3b8e5e9ecb0ad53e58cd99182de99a1166946dc758b85a5529710bd47e35a49d", "blockNumber": "8879951",
"confirmations": "1295191", "contractAddress": "0xe0617cd5b8271070b68bfc275220ef5dd32b8f58", "cumulativeGasUsed": "15289706", "from":
"0x00000000000000000000000000000000", "gas": "59636", "gasPrice": "1503183880", "gasUsed": "59636", "hash":
"0x844ddc178dbeed48c9caef9a71a86b2d017529c1074a0390d2a61d29baa94c94", "input": "deprecated", "logIndex": "83", "nonce": "301", "timeStamp": "1682283420", "to":
"0x34aa3f359a9d614239015126635ce7732c18fd3", "tokenDecimal": "0", "tokenId": "2", "tokenName": "YourMintableSoulboundCollectible", "tokenSymbol": "YMSC",
"transactionIndex": "42" } ], "status": "1" }
```

``` Usage:

- To fetch ERC-721 token transfers by address, specifyaddress
- parameter
- To fetch ERC-721 token transfers by token, specifycontractaddress
- parameter
- To fetch ERC-721 token transfers by address filtered by token, specify bothaddress
- andcontractaddress
- parameters
- 

Get token account balance for token contract address

tokenbalance

Example:

```

Copy https://instance_base_url/api ?module=account &action=tokenbalance &contractaddress={contractAddressHash} &address={addressHash}

```

Request Params Example Result Parameter Description contract address string containing the contract address hash. address string containing the account address hash to retrieve balance for. ```

```
Copy { "message": "OK", "result": "135499", "status": "1" }
```

```

Get list of tokens owned by address

tokenlist

Example:

```

Copy https://instance\_base\_url/api ?module=account &action=tokenlist &address={addressHash}

```

Request Params Example Result Parameter Description address string containing the account address hash. ```

```
Copy { "message": "OK", "result": [ { "balance": "135499", "contractAddress": "0x00000000000000000000000000000000", "decimals": "18", "name": "Example
Token", "symbol": "ET", "type": "ERC-20" }, { "balance": "1", "contractAddress": "0x0000000000000000000000000000000000000000000000000000000000000001", "decimals": "18", "name": "Example
ERC-721 Token", "symbol": "ET7", "type": "ERC-721" } ], "status": "1" }
```

```

Get list of blocks mined by address

getminedblocks

Example:

```

Copy https://instance_base_url/api ?module=account &action=getminedblocks &address={addressHash}

```

Request Params Example Result Parameter Description address string containing the address hash. page optional integer representing the page number used for pagination. 'offset' must also be provided. offset optional integer representing number of transactions returned per page.page must also be provided. ```

```
Copy { "message": "OK", "result": [{ "blockNumber": "3462296", "blockReward": "5194770940000000000", "timeStamp": "1491118514" }], "status": "1" }
```

```

Get a list of accounts and their balances

listaccounts

Lists accounts and native balances, sorted ascending by the time they were first seen by the explorer.

Example:

```

Copy https://instance\_base\_url/api ?module=account &action=listaccounts &address={addressHash} &page=1 &offset=3

```

Request Params Example Result Parameter Description page optional integer representing the page number used for pagination. 'offset' must also be provided. offset optional integer representing number of transactions returned per page.page must also be provided. If the balance hasn't been updated in a long time, the node is double checked to fetch the absolute latest balance. This is not reflected in the current request, but once it is updated, subsequent requests will show the updated balance. Thestate attribute will be set tottrue if a new balance is being fetched. ```

```
Copy { "message": "OK", "result": [ { "address": "0x3870c57fb1d7e49b154269331c7bc66c64d8857", "balance": "3790064387342000000", "stale": false }, { "address":
"0x497d69ae30d7cca0aa84d647c6d85a59a82c16ef", "balance": "2047176464264000000", "stale": false }, { "address": "0x9233042b8e9e03d5dc6454bbbe5aee83818ff103",
```

"balance": "444111960222208758647", "stale": false }], "status": "1" }
...

Last updated1 month ago