

**Ledger Score**

**API spec**

**version 1.2**

**Internal Use Only**

**2021-10**

Add Headings (Format > Paragraph styles) and they will appear in your table of contents.

General Endpoint Info

ec2-3-14-65-244.us-east-2.compute.amazonaws.com

* Dev config/env
* Config such that only ips allowed in aws group policy can reach
* Todo: add tls layer
* Todo: production env config

GhostID

**Provides unique ghostID identifier**

| **Method** | **Endpoint** | **Params** | **Notes** |
| --- | --- | --- | --- |
| **POST** | **/getghostid** |  |  |

**Example Return**

| {  "ghostid": "8877f98638044be78904a24888109525"  } |
| --- |

General Wallet Info

Provides baseline stats for given list of wallet addresses

| **Method** | **Endpoint** | **Params** | **Example Return** | **Notes** |
| --- | --- | --- | --- | --- |
| **POST** | **/getwalletinfo** | **{**  **"wallets": [**  **"addr1",**  **“addr2”,**  **...**  **]**  **}** |  | **Where addr1,addr2,etc represent an array of wallet addresses** |

**Example Return**

| {  "addressList": [  {  "address": "0x131a9A36Ea25aFB4Ed1a4510eE4B36E369d0F699",  "avg\_received\_tx\_value": 181.43040015594025,  "avg\_sent\_tx\_value": 18.25999208943892,  "eth\_received": 10704.393609200475,  "eth\_sent": 38455.54334035837,  "gas\_used\_in\_wei": 507681577,  "last\_hash":”0x21f00d58de229381f6aebb7a67673fa5d06e0330b405b8bd5ed355972af451c5”,  "ledgerscore": 515,  "times\_balance\_changed": 1148,  "total\_balance\_change": 49159.696949558835,  "ts": 1626029183.622378,  "tx\_received": 59,  "tx\_sent": 2106,  "verified": false  }  ],  } | |
| --- | --- |

General Wallet Info by Date Range

Provides baseline stats for given list of wallet addresses in a given date range

| **Method** | **Endpoint** | **Params** | **Example Return** | **Notes** |
| --- | --- | --- | --- | --- |
| **POST** | **/getwalletinfo-by-daterange** | **{**  **"wallets": [**  **"addr1",**  **“addr2”,**  **...**  **],**  **"start" : "YYYY-mm-dd",**  **"end" : "YYYY-mm-dd"**  **}** |  | **Where addr1,addr2,etc represent an array of wallet addresses Start/End represents dates in YYYY-mm-dd format** |

**Example Return**

| {  "addressList": [  {  "address": "0x131a9A36Ea25aFB4Ed1a4510eE4B36E369d0F699",  "dates": {  "2021-09-01": null,  …,  …,  "2021-09-04": {  "avg\_received\_tx\_value": 181.43040015594025,  "avg\_sent\_tx\_value": 18.25999208943892,  "eth\_received": 10704.393609200475,  "eth\_sent": 38455.54334035837,  "gas\_used\_in\_wei": 507681577,  "last\_hash":”0x21f00d58de2 29381f6aebb7a67673fa5d06e0330b405b8bd5ed355972af451c5”,  "ledgerscore": 515,  "times\_balance\_changed": 1148,  "total\_balance\_change": 49159.696949558835,  "ts": 1626029183.622378,  "tx\_received": 59,  "tx\_sent": 2106,  "verified": false  }  }  }  ],  } | |
| --- | --- |
|  | |

LedgerScore Detail

Provides LedgerScore scoring detail given wallet & date range

| **Method** | **Endpoint** | **Params** | **Example Return** | **Notes** |
| --- | --- | --- | --- | --- |
| **POST** | **/getwalletdetails** | **{**  **"wallets": [**  **"addr1",**  **“addr2”,**  **...**  **],**  **"startTime" : 123456789,**  **"endTime" : 123456789**  **}** |  | **Where addr1,addr2,etc represent an array of wallet addresses startTime/endTime represents timestamp values** |

**Example Request/Return**

| {  "wallets" : ["0x9A81a11173F85531602e4882E641020Ae6AB9c79"],  "startTime" : 1632259399,  "endTime" : 1633410205  } | |
| --- | --- |
| [  {  "address":"0x9A81a11173F85531602e4882E641020Ae6AB9c79",  "change":0,  "dateTime":1633407680.961743,  "reason":"Historical Behavior",  "score":0,  "status":"neutral",  "value":0  },  {  "address":"0x9A81a11173F85531602e4882E641020Ae6AB9c79",  "change":315,  "dateTime":1633407680.961743,  "reason":"LS Rank",  "score":315,  "status":"positive",  "value":0  },  {  "address":"0x9A81a11173F85531602e4882E641020Ae6AB9c79",  "change":180,  "dateTime":1633407680.961743,  "reason":"Preferred Tokens",  "score":495,  "status":"positive",  "value":0  },  {  "address":"0x9A81a11173F85531602e4882E641020Ae6AB9c79",  "change":0,  "dateTime":"1497384447",  "reason":"Transaction",  "score":495,  "status":"neutral",  "value":0.13081014000000002  },  {  "address":"0x9A81a11173F85531602e4882E641020Ae6AB9c79",  "change":0,  "dateTime":"1510347609",  "reason":"Transaction",  "score":495,  "status":"neutral",  "value":0.13039014000000002  },  {  "address":"0x9A81a11173F85531602e4882E641020Ae6AB9c79",  "change":0,  "dateTime":"1595236719",  "reason":"Transaction",  "score":495,  "status":"neutral",  "value":4.24455819  },  ...  ] | |
|  | |