

Cypruian API

Custom API v0.2.1

Cypruian API support: support@cypruian.com

Cypruian Homepage: <https://cypruian.com>

API endpoint: **<https://api.cypruian.com/v2/bitcoin>**

API key is required when accessing endpoints.

Authentication

api_key

Cypruian API key can be specified as `x-api-key` header parameter.

Security scheme type: API Key.

Query parameters

- `f` ∈ **F** – function name [required],
- `heightstart` – beginning block height for the set of data that are returned,
- `interval` – interval between two neighbouring data points.

Return up to `K` data points since given `heightstart`. If `heightstart` is not sent, the most recent data points are returned. By default, `K` is equal to 512 points.

Supported `interval` values are `1h`, `1d`, `1w`, `1m`. Default value is `1d`.

Set **F** is a catalog of available for your `api_key` functions (metrics).

Request samples

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypruian.com/v2/bitcoin?f=hodlwaves&heightstart=630000"
```

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypruian.com/v2/bitcoin?f=unrealizedpl&heightstart=0"
```

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypruian.com/v2/bitcoin?f=diff&heightstart=729000&interval=1h"
```

```
curl -X GET -H "x-api-key: api_key" "https://api.cypruian.com/v2/bitcoin?f=diff"
```

Responses

200 OK

Response schema: text/csv
Custom data format

400 Bad Request

Response schema: application/json

| | |
|---------|--------------------|
| message | string |
| | Error description. |
| type | string |
| | Error type string. |

403 Forbidden

Response schema: application/json

| | |
|---------|--------------------|
| message | string |
| | Error description. |

429 Too Many Requests

Response schema: application/json

| | |
|---------|--------------------|
| message | string |
| | Error description. |

Request and response example

[Shell]

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypriuan.com/v2/bitcoin?f=unrealizedpl&heightstart=781256"
```

[Python]

```
import requests  
endpoint = "https://api.cypriuan.com/v2/bitcoin"  
params = {"f": "unrealizedpl", "heightstart": "781256"}  
headers = {"x-api-key": "api_key"}  
resp = requests.get(endpoint, params=params, headers=headers)  
body = resp.text
```

Response status: 200

Content type: text/csv

Body:

```
1679097139;781273;1932024333921469;91275049419.4808;237330357103.3131  
1679183442;781435;1932125572015879;93739559604.1487;230146610050.8780  
1679269774;781583;1932218070872038;88368823830.0741;245111624872.3208
```