Kaiko

MIGRATION GUIDE

Blockchain Metrics Latest

Amberdata → Kaiko

2026

www.kaiko.com

1 At a glance

What this endpoint gives you. The list of blockchains Kaiko covers, with the code you pass to every Kaiko on-chain endpoint. It replaces the Amberdata chain descriptor that you call once per chain.

What changes for you

- One call returns every chain. Amberdata returns one chain per call, selected with the `x-amberdata-blockchain-id` header.
- To ask for one chain, pass `name` in the query string, e.g. `?name=ethereum`.
- Chain identifiers change: Amberdata `ethereum-mainnet` becomes Kaiko `ethereum` (see §6). Use the Kaiko `name` as the `blockchain` value on other Kaiko on-chain endpoints.
- No API key is needed on this endpoint.
- Today Kaiko returns `id`, `name` and `is_evm`. The chain descriptors (`display_name`, `network`, `native_asset`, `native_decimals`, `native_unit`, `consensus`, `hash_algorithm`, `utility`) are planned and not returned yet (§5).
- Website, whitepaper, icon and colour are not planned on Kaiko.

Coverage & distribution

Data type: Blockchain reference list

Chains: 18 on Kaiko, 9 on this Amberdata endpoint, 7 in both (§9)

History: None on either side: the latest descriptor only (§9)

Distribution: REST API

2 Endpoint & authentication

	Amberdata (today)	Kaiko (new)
Method	GET	GET
Base URL	`https://api.amberdata.com`	`https://reference-data-api.kaiko.io`
Path	`/blockchains/metrics/latest`	`/v1/blockchains`
Auth	API key header `x-api-key`	None. The endpoint is open.
Pagination	None. One chain per response.	None needed. All chains in one response; `limit` and `offset` are optional.

3 Request parameters

Amberdata param	Kaiko param	Change	Notes
`x-amberdata-blockchain-id` (header)	`name` (query, optional)	RENAMED	Moves from a header to the query string. The header takes a slug or a `blockchainId`; Kaiko takes its own `name` (§6). Exact match, lowercase, one value per request: `name=Ethereum` and `name=ethereum,bsc` return no rows.
`blockchainId` (query)	`name` (query, optional)	RENAMED	Same role as the header; the header wins if both are sent. Use the Kaiko `name` instead (§6).
(header omitted)	(name omitted)		**Defaults differ:** Amberdata returns `ethereum-mainnet`. Kaiko returns every chain.
	`is_evm`	NEW	`true` returns the 13 EVM chains, `false` the 5 others. Combines with `name`.
	`limit`, `offset`	NEW	Optional paging. `offset` applies only together with `limit`.

Kaiko ignores query parameters it does not know, such as `id` or `slug`, and returns the full list. Amberdata rejects them with HTTP 400.

4 Response envelope & metadata

The fields around the data, the wrapper your parser reads before reaching the values. On this Amberdata endpoint, `payload` holds the chain object directly; there is no `payload.data` array and no `payload.metadata`.

Amberdata field	Kaiko field	Change	Notes
`status`	`result`	RENAMED	Amberdata: integer (200). Kaiko: string (`"success"`).
`title`		REMOVED	"OK" label, no Kaiko equivalent.
`description`		REMOVED	Free-text status description.
`payload`	`data`	RENAMED	Amberdata: one object. Kaiko: an array of chains (§5), with one element when you pass `name`. An unknown chain returns an empty array with HTTP 200.
	`count`	NEW	Total number of matching chains. With `limit` it still shows the total, not the number of rows returned.

5 Response data fields

Amberdata field	Kaiko field	Type	Change	Notes
`slug`	`name`	string	RENAMED	Different values, e.g. `ethereum-mainnet` → `ethereum`. Use the table in §6; there is no string rule.

Amberdata field	Kaiko field	Type	Change	Notes
`blockchainId`	`id`	string → integer	RENAMED	Different numbering, e.g. `1c9c969065fcd1cf` → `1`. If you store Amberdata ids, map them with §6.
	`is_evm`	boolean	NEW	`true` for EVM chains.
`name`	`display_name`	string	RENAMED	Planned, not returned yet. Display name, e.g. `Ethereum`. Kaiko `name` stays the lowercase code.
`network`	`network`	string	RENAMED	Planned, not returned yet. Lowercase: `Mainnet` → `mainnet`.
`decimals`	`native_decimals`	string → integer	RENAMED	Planned, not returned yet. e.g. `"18"` → `18`.
`unit`	`native_unit`	string	RENAMED	Planned, not returned yet. Base unit of raw balances, e.g. `wei`.
	`native_asset`	string	NEW	Planned, not returned yet. Native asset code, e.g. `eth`.
`consensus`	`consensus`	string	RENAMED	Planned, not returned yet. Lowercase: `PoS` → `pos`.
`algorithm`	`hash_algorithm`	string	RENAMED	Planned, not returned yet. Values differ for Ethereum: Amberdata still returns the pre-merge `Ethash`; Kaiko returns `keccak256`.
`utility`	`utility`	string	IDENTICAL	Planned, not returned yet. `gas` or `fee`.
`website`, `whitepaper`		string	REMOVED	Project links. Not planned on Kaiko.
`icon`, `color`		string	REMOVED	Logo URL and brand colour. Not planned on Kaiko.
`sizeTotal`		integer	REMOVED	Always `0` on Amberdata.

On Amberdata, `algorithm`, `color`, `decimals`, `unit`, `utility` and `website` are `null` for Polygon, Avalanche and BNB Smart Chain.

6 Blockchain names

Update the chain identifiers you send:

Chain	Amberdata slug	Kaiko name	Change
Ethereum	`ethereum-mainnet`	`ethereum`	RENAMED
Bitcoin	`bitcoin-mainnet`	`bitcoin`	RENAMED
Bitcoin Cash	`bitcoin-abc-mainnet`	`bitcoincash`	RENAMED
Litecoin	`litecoin-mainnet`	`litecoin`	RENAMED

Chain	Amberdata slug	Kaiko name	Change
Polygon	`polygon-mainnet`	`polygon`	RENAMED
Avalanche	`avalanche-mainnet`	`avalanche`	RENAMED
BNB Smart Chain (Amberdata: Binance Smart Chain)	`bnb-mainnet`	`bsc`	RENAMED
Zcash	`zcash-mainnet`		REMOVED
Bitcoin SV	`bitcoin-sv-mainnet`		REMOVED

BNB Smart Chain: Amberdata answers with slug `bsc-mainnet`, but only accepts `bnb-mainnet` as the header value. Zcash and Bitcoin SV are not on Kaiko.

Chain ids

If you store the Amberdata `blockchainId`, map it to the Kaiko `id`:

Chain	Amberdata blockchainId	Kaiko id
Ethereum	`1c9c969065fcd1cf`	1
Bitcoin	`408fa195a34b533de9ad9889f076045e`	37
Bitcoin Cash	`43b45e71cc0615b491cb699e7071fc06`	39
Litecoin	`f94be61fd9f4fa684f992ddfd4e92272`	38
Polygon	`217a2d9380568837016e32460c5e7510`	3
Avalanche	`7f8d9c62d39b2897fe20b790f15b9a8a`	5
BNB Smart Chain (Amberdata: Binance Smart Chain)	`a1508f3ff5adb9f56058cedbb2941948`	2

Also available on Kaiko

Chains this Amberdata endpoint does not serve: Arbitrum (`arbitrum`), Optimism (`optimism`), Base (`base`), Solana (`solana`), Tron (`tron`), HyperEVM (`hyperevm`), BOB (`bob`), Celo (`celo`), Linea (`linea`), Plasma (`plasma`) and Robinhood Chain (`robinhood`).

7 Will your values change?

Short answer

No values move over time on either side. Both endpoints return fixed reference data, so you can call once and cache the result. What changes is the identifiers (§6) and which chain descriptors are available (§5).

- **Not live metrics.** Despite its name, the Amberdata endpoint returns a fixed chain descriptor. We saw identical responses across repeated calls.
- **Use the Kaiko name downstream.** Kaiko on-chain endpoints take the `name` from this list as their `blockchain` value, e.g. `/v2/data/supply.v2/blockchain-level/ethereum/usdc`. The Amberdata slug `ethereum-mainnet` is rejected there with HTTP 400.

- **Unknown chains.** Amberdata answers HTTP 400 `Valid blockchain id required`. Kaiko answers HTTP 200 with `count: 0` and an empty `data`. Check `count`, not the status code.
- **Chain not served.** For Solana, Arbitrum, Optimism and Tron, Amberdata answers HTTP 444 `NOT SUPPORTED`. All four are in the Kaiko list.
- **Order.** Kaiko rows are not sorted by `id`. Look chains up by `name`.

Amberdata functionality without a direct Kaiko equivalent

- `website`, `whitepaper`, `icon`, `color` REMOVED Keep your own copy if you use them.
- Zcash and Bitcoin SV REMOVED Not covered by Kaiko.
- Historical block and transaction metrics REMOVED See §9.

8 Before / after example

Ethereum, real responses from 2026-10-20.

Request

Amberdata

```
GET https://api.amberdata.com/blockchains/metrics/
latest
x-api-key: <your-key>
x-amberdata-blockchain-id: ethereum-mainnet
```

Kaiko

```
GET https://reference-data-api.kaiko.io/v1/
blockchains
    ?name=ethereum
```

Response

Amberdata

```
{
  "status": 200,
  "title": "OK",
  "description": "Successful request",
  "payload": {
    "algorithm": "Ethash",
    "blockchainId": "1c9c969065fcd1cf",
    "color": "#222222",
    "consensus": "PoS",
    "decimals": "18",
    "icon": "https://cdn.amberdata.io/images/
blockchains/1c9c969065fcd1cf.png",
    "name": "Ethereum",
    "network": "Mainnet",
    "sizeTotal": 0,
    "slug": "ethereum-mainnet",
    "unit": "wei",
    "utility": "gas",
    "website": "https://ethereum.org",
    "whitepaper": "https://ethereum.org/en/
whitepaper/"
  }
}
```

Kaiko

```
{
  "result": "success",
  "count": 1,
  "data": [
    {
      "id": 1,
      "name": "ethereum",
      "is_evm": true
    }
  ]
}
```

To list every chain, call `https://reference-data-api.kaiko.io/v1/blockchains` without parameters.

9 Chain coverage & history

Which chains each platform covers, and how much history exists. Checked against both APIs on 2026-10-20.

Chains

Chain	Amberdata (this endpoint)	Kaiko	Notes
Ethereum	Yes	Yes	
Bitcoin	Yes	Yes	
Bitcoin Cash	Yes	Yes	
Litecoin	Yes	Yes	
Polygon	Yes	Yes	
Avalanche	Yes	Yes	
BNB Smart Chain	Yes	Yes	
Zcash	Yes	No	
Bitcoin SV	Yes	No	
Solana	No (HTTP 444)	Yes	Amberdata serves it on other blockchain endpoints, not this one.
Arbitrum	No (HTTP 444)	Yes	Amberdata serves it on other blockchain endpoints, not this one.
Optimism	No (HTTP 444)	Yes	Amberdata serves it on other blockchain endpoints, not this one.
Tron	No (HTTP 444)	Yes	Amberdata serves it on other blockchain endpoints, not this one.
Base	No	Yes	Amberdata serves it on other blockchain endpoints, not this one.
HyperEVM	No	Yes	
BOB	No	Yes	
Celo	No	Yes	
Linea	No	Yes	
Plasma	No	Yes	
Robinhood Chain	No	Yes	

Larger coverage: Kaiko

Kaiko lists 18 chains, Amberdata 9 on this endpoint. 7 are on both, 11 only on Kaiko, 2 only on Amberdata (Zcash, Bitcoin SV).

History

This endpoint has no history on either platform: both return the current descriptor only, with no date parameters. Amberdata also sells hourly chain metrics history on two other endpoints, `/blockchains/blocks/metrics/historical` and `/blockchains/transactions/metrics/historical`. Kaiko has no equivalent for either.

Chain	Block metrics from	Transaction metrics from	Latest hour (UTC)	Kaiko
Ethereum	2015-07-30	2015-08-07	2026-10-20 16:00	REMOVED
Bitcoin	2009-01-03	2011-03-06	2026-10-19 23:00	REMOVED
Bitcoin Cash	2009-01-03	2011-03-06	2026-10-19 23:00	REMOVED
Litecoin	2011-10-07	2012-02-17	2026-10-19 23:00	REMOVED

- **Chains.** Only the four chains above. Polygon, Avalanche, BNB Smart Chain, Zcash and Bitcoin SV return HTTP 400 on both history endpoints.
- **Granularity.** Hourly only, no pagination. We tested windows of up to about 9 months per request; a request covering the full history fails.
- **Missing hours.** On Bitcoin and Bitcoin Cash, an hour with no block has no row. Ethereum has one gap, 2015-08-20 13:00 to 15:00. Litecoin has gaps in its first week (2011-10-07 to 10-13).
- **Bitcoin Cash before 2017.** Its history starts at the Bitcoin genesis block, so it includes Bitcoin's history from before the 2017 split.
- **Fields.** Blocks: difficulty, block time, hashrate, issuance, size and transaction counts. Transactions: counts, fees, value (also in USD), plus gas price on Ethereum or inputs and outputs on the UTXO chains.

If you use these history endpoints, export the history you need from Amberdata before you switch.