api-endpoint)

- Authentication

API

API Endpoint

```

Copy https://api.clusters.xyz

```

API KEY

You can get an API Key by visiting https://clusters.xyz/developer/api-keys If you have an API KEY, you can add it to the request headers like so:

```

Copy fetch(URL,{ headers:{"X-API-KEY":"abc123"} })

```

Authentication

Currently, this is only required for Managing Wallets . If you do not need to manage wallets via the API, you can ignore this. 1. Get signing message 2. Sign the message with an EVM or Solana wallet 3. Get authentication key with the signature of the signed message 4. Using authenticate key with endpoints that require wallet authentication

Get Signing Message

GET /v0.1/auth/message

Get the signing message used for wallet signature authentication

Example

```

Copy curl-XGET'https://api.clusters.xyz/v0.1/auth/message'

```

Response

The message to sign and the corresponding signing date

200 ```

Copy { "message": "clusters.xyz verification\n\nBefore interacting with certain functionality, we require a wallet signature for verification.\n\n2024-05-14T19:08:27.985Z", "signingDate":"2024-05-14T19:08:27.985Z" }

```

Get Authentication Key

POST /v0.1/auth/key

Authenticate the ownership of a specific wallet

Name Description signature Signed message signature signingDate Date given by signing message response type evm orsolana (wallet type used for signing) wallet Wallet that signed the message Example

```

Copy curl--requestPOST\ --urlhttps://api.clusters.xyz/v0.1/auth/key\ --header'Content-Type: application/json'\ --data'{ "signature": "abc123", "signingDate": "2024-05-14T19:08:27.985Z", "type": "evm", "wallet": "0x0000000000000000000000000000000000000000" }'

```

Response

The auth key used for authenticated responses

200 ```

Copy { "authenticationKey": "eyJzaWduYXR1cmUiOiJhYmMxMjMiLCJzaWduaW5nRGF0ZSI6IjIwMjQtMDUtMTRUMTk6MDg6MjcuOTg1WiIsInR5cGUiOiJldm0iLCJ3YWxsZXQiOiIweDAwMDAwMDAwMDAwMDAwMDAwMDAwMD }

```

Validate Authentication Key

POST /v0.1/auth/validate

Authenticate if a authentication key is valid or not

Name Description HEADERX-AUTH-KEY Authentication key Example

```

Copy curl--requestGET --urlhttps://api.clusters.xyz/v0.1/auth/validate --header 'X-AUTH-KEY: eyJzaWduYXR1cmUiOiJhYmMxMjMiLCJzaWduaW5nRGF0ZSI6IjIwMjQtMDUtMTRUMTk6MDg6MjcuOTg1WiIsInR5cGUiOiJldm0iLCJ3YWxsZXQiOiIweDAwMDAwMDAwMDAwMDAwMDAwMDAwMD

```

Response

The auth key used for authenticated responses

200 ```

Copy { "signature":"abc123", "signingDate":"2024-05-14T19:08:27.985Z", "type":"evm", "wallet":"0x0000000000000000000000000000000000000000", "isValid":false }

```

Cluster → Address Address → Cluster Cluster → Metadata Registration Event Indexing Managing Wallets

Previous Registration Next Address → Cluster Last updated5 days ago
```