

## Table of Contents

- [Create New Order](#)
- [Check Order Status](#)
- [Check Access Code Status](#)
- [Check Assessment List for Access Code](#)
- [Check Self Status](#)
- [Create New Assessment for Access Code](#)

# 1 Create New Order API Endpoint

---

## Endpoint

**POST** `/api/new_order`

This endpoint is used to create a new order in the system. It supports both authenticated users and guests with a valid API key.

## Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

## Request Parameters

Parameter	Type	Required	Description
<code>number_of_credits</code>	integer	Yes	The number of credits to purchase.
<code>payment_coin</code>	string	Yes	The cryptocurrency coin to use for payment.
<code>payment_network</code>	string	Yes	The network of the cryptocurrency coin to use for payment.
<code>order_is_for_self</code>	boolean	Yes	Indicates whether the order is for the user making the request. If false, an <code>access_code</code> must be provided for whom the order is intended.
<code>access_code</code>	string	Conditional	Required if <code>order_is_for_self</code> is false. The access code of the user for whom the order is intended.

## Success Response

- **Status Code:** 201 Created
- **Content:**

```
{
  "order_id": "string",
  "number_of_credits": "integer",
  "payment_coin": "string",
```

```
"payment_network": "string",  
"created_at": "datetime",  
"status": "string"  
}
```

## Error Responses

- **Missing Required Parameters:**
  - **Status Code:** 400 Bad Request
  - **Content:** {"detail": "Missing [parameter\_name] parameter"}
- **Invalid API Key or Credentials:**
  - **Status Code:** 403 Forbidden
  - **Content:** {"detail": "Invalid API key."} or {"detail": "Invalid credentials. Please log in"}
- **Invalid Access Code:**
  - **Status Code:** 400 Bad Request
  - **Content:** {"detail": "Invalid access code"}
- **Unable to Create Order:**
  - **Status Code:** 500 Internal Server Error
  - **Content:** {"detail": "Unable to create order"}
- **Unhandled Exception:**
  - **Status Code:** 500 Internal Server Error
  - **Content:** {"error": "error message"}

## Notes

- The endpoint requires the request to be made with a content type of `application/json`.
- Ensure your API key is included in the request header if you are not using an authenticated user session.
- This endpoint is atomic; if any part of the order creation fails, no changes will be committed to the database.

## Example cURL Request

```
curl -X POST 'https://yourdomain.com/api/new_order' \  
-H 'Content-Type: application/json' \  
-H 'X-API-KEY: YOUR_API_KEY' \  
-d '{  
  "number_of_credits": 10,  
  "payment_coin": "Bitcoin",  
}
```

```
"payment_network": "BTC",
"order_is_for_self": true
}'
```

## 2 Check Order Status API Endpoint

### Endpoint

**POST** /api/check\_order\_status

Allows users and entities with a valid API key to check the status of an order by providing the order's ID.

### Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

### Request Parameters

Parameter	Type	Required	Description
order_id	string	Yes	The unique identifier of the order for which status is being checked.
access_code	string	Conditional	Required if the request is made using an AccessCode for non-user entities to check order status.

### Success Response

- **Status Code:** 200 OK
- **Content:**

```
{
  "order_id": "string",
  "status": "string",
  "created_at": "datetime",
  "updated_at": "datetime",
  "number_of_credits": "integer",
  "payment_coin": "string",
  "payment_network": "string",
}
```

### Error Responses

- **Missing Required Parameters:**
  - **Status Code:** 400 Bad Request
  - **Content:**

```
{"detail": "Missing order_id parameter"}
```

- **Invalid API Key or Credentials:**

- **Status Code:** 403 Forbidden
- **Content:**

```
{"detail": "Invalid API key."}
```

or

```
{"detail": "Invalid credentials. Please log in"}
```

- **Invalid Access Code** (If applicable):

- **Status Code:** 400 Bad Request
- **Content:**

```
{"detail": "Invalid access_code"}
```

- **Invalid Order ID:**

- **Status Code:** 400 Bad Request
- **Content:**

```
{"detail": "Invalid order_id"}
```

## Notes

- Ensure the **Content-Type** header is set to **application/json**.
- If using an AccessCode for authorization, include the **access\_code** parameter in the request body.
- The response includes detailed order information, including its current status, creation and update timestamps, and other relevant details.

## Example cURL Request

```
curl -X POST 'https://yourdomain.com/api/check_order_status' \  
-H 'Content-Type: application/json' \  
-H 'X-API-KEY: YOUR_API_KEY' \  
-d '{
```

```
"order_id": "unique_order_id_here"
}'
```

### 3 Check Access Code Status API Endpoint

#### Endpoint

**POST** /api/check\_access\_code\_status

This endpoint allows users and entities with a valid API key to check the status of an access code.

#### Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

#### Request Parameters

Parameter	Type	Required	Description
access_code	string	Yes	The access code whose status is being checked.

#### Success Response

- **Status Code:** 200 OK
- **Content:**

```
{
  "access_code": "string",
  "status": "string",
  "created_at": "datetime",
  "expires_at": "datetime",
  "affiliate_origin": "string",
  // Additional details about the access code
}
```

#### Error Responses

#### Error Responses

- **Missing Required Parameters:**
  - **Status Code:** 400 Bad Request
  - **Content:**

```
{"detail": "Missing access_code parameter"}
```

- **Invalid API Key or Credentials:**

- **Status Code:** 403 Forbidden
- **Content:**

```
{"detail": "Invalid API key."}
```

or

```
{"detail": "Credentials invalid or not provided. Please log in"}
```

- **Access Code Not Found:**

- **Status Code:** 400 Bad Request
- **Content:**

```
{"detail": "access_code not found"}
```

## Notes

- The request must include the **Content-Type: application/json** header.
- An API key must be included in the request header for API key-based authentication, or the user must be logged in.
- The response includes detailed information about the access code, including its current status and expiration details.

## Example cURL Request

```
curl -X POST 'https://yourdomain.com/api/check_access_code_status' \
-H 'Content-Type: application/json' \
-H 'X-API-KEY: YOUR_API_KEY' \
-d '{
  "access_code": "your_access_code_here"
}'
```

# 4 Check Assessment List for Access Code API Endpoint

## Endpoint

**POST** /api/check\_assessment\_list\_for\_access\_code

This endpoint allows users and entities with a valid API key to check a list of assessments associated with a given access code.

### Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

### Request Parameters

Parameter	Type	Required	Description
access_code	string	Yes	The access code associated with the assessments to be checked.
assessment_id_list	list	Yes	A list of assessment IDs to be checked against the provided access code.

### Success Response

- **Status Code:** 200 OK
- **Content:**

```
[
  {
    "assessment_id": "string",
    "status": "string",
    "created_at": "datetime",
    "updated_at": "datetime",
    // Additional details about each assessment
  },
  // More assessments...
]
```

### Error Responses

- **Missing Required Parameters:**
  - **Status Code:** 400 Bad Request
  - **Content:**

```
{"detail": "Missing access_code parameter"}
```

or

```
{"detail": "Missing assessment_id_list parameter"}
```

or

```
{"detail": "assessment_id_list must be a list"}
```

- **Invalid API Key or Credentials:**

- **Status Code:** 403 Forbidden
- **Content:**

```
{"detail": "Invalid API key."}
```

or

```
{"detail": "Credentials invalid or not provided. Please log in"}
```

- **Access Code Not Found:**

- **Status Code:** 400 Bad Request
- **Content:**

```
{"detail": "access_code not found"}
```

- **No Assessments Found:**

- **Status Code:** 404 Not Found
- **Content:**

```
{"detail": "No assessments found"}
```

- **Unhandled Exception:**

- **Status Code:** 500 Internal Server Error
- **Content:**

```
{"detail": "Failure to fetch user data. Please contact support with  
error code KY53D and the current time: YYYY-MM-DD HH:MM:SS."}
```

## Notes

- The request must include the **Content-Type: application/json** header.



- An API key must be included in the request header for API key-based authentication, or the user must be logged in.
- The endpoint expects `assessment_id_list` to be a JSON array of assessment IDs.
- This endpoint is designed to provide detailed information about each assessment in the list for the given access code.

## Example cURL Request

```
curl -X POST 'https://yourdomain.com/api/check_assessment_list_for_access_code' \  
-H 'Content-Type: application/json' \  
-H 'X-API-KEY: YOUR_API_KEY' \  
-d '{  
  "access_code": "your_access_code_here",  
  "assessment_id_list": ["assessment_id_1", "assessment_id_2"]  
}'
```

## 5 Check Self Status API Endpoint

---

### Endpoint

**GET** `/api/check_self_status`

This endpoint allows users or entities with a valid API key to check their own status within the system.

### Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

### Success Response

- **Status Code:** 200 OK
- **Content:**

```
{  
  // User or Access Code specific information  
  "id": "string",  
  "type": "User/AccessCode",  
  "status": "Active/Inactive",  
  // Additional details specific to the user or access code  
}
```

### Error Responses

- **Invalid API Key or Credentials:**
  - **Status Code:** 403 Forbidden

- **Content:**

```
{"detail": "Invalid API key."}
```

or

```
{"detail": "Credentials invalid or not provided. Please log in"}
```

- **User Not Identified by API Key:**

- **Status Code:** 403 Forbidden
- **Content:**

```
{"detail": "User not identified by APIKey"}
```

- **Unhandled Exception:**

- **Status Code:** 500 Internal Server Error
- **Content:**

```
{"detail": "Failure to fetch user data. Please contact support with  
error code 4W9Y2."}
```

## Notes

- No URL parameters or request body is needed for this endpoint; authentication is performed based on the API key or user session.
- The response content will vary depending on whether the authenticated entity is a User or an Access Code.
- Ensure that the API key or user session token is included in the request header for authentication.

## Example cURL Request

```
curl -X GET 'https://yourdomain.com/api/check_self_status' \  
-H 'X-API-KEY: YOUR_API_KEY'
```

## 6 Create New Assessment for Access Code API Endpoint

---

## Endpoint

**POST** `/api/create_new_assessment_for_access_code`

This endpoint initiates the creation of a new assessment for a given access code, allowing users and entities with a valid API key to submit assessment requests.

## Permissions

- Open to all users; however, authentication via a user account or a valid API key is required.

## Request Parameters

Parameter	Type	Required	Description
<code>access_code</code>	string	Yes	The access code for which the assessment is being created.
<code>assessment_type</code>	string	Yes	The type of assessment to be conducted (e.g., "transaction").
<code>address</code>	string	Yes	The blockchain address involved in the assessment.
<code>currency</code>	string	Yes	The cryptocurrency involved in the assessment (e.g., "BTC").
<code>tx_hash</code>	string	Conditional	The transaction hash, required if the assessment type is "transaction".

## Success Response

- **Status Code:** 201 Created
- **Content:**

```
{
  "assessment_id": "string",
  "status": "string",
  "created_at": "datetime",
  // Additional details about the created assessment
}
```

## Error Responses

- **Missing Required Parameters:**
  - **Status Code:** 400 Bad Request
  - **Content:**

```
{"detail": "Missing [parameter_name] parameter"}
```

- **Invalid API Key or Credentials:**

- **Status Code:** 403 Forbidden
- **Content:**

```
{"detail": "Invalid API key."}
```

or

```
{"detail": "Credentials invalid or not provided. Please log in"}
```

- **Access Code Not Found:**

- **Status Code:** 400 Bad Request
- **Content:**

```
{"detail": "access_code not found"}
```

- **Failure to Create New Assessment:**

- **Status Code:** 500 Internal Server Error
- **Content:**

```
{"detail": "Failure to create new assessment. Please contact support  
with error code 4J9Y1. Error: [error_description]"}
```

## Notes

- The request must include the **Content-Type: application/json** header.
- An API key or user session token must be included in the request header for authentication.
- Specific parameters are required based on the assessment type; for a "transaction" type, **tx\_hash** is mandatory.
- The response will include details of the newly created assessment, including its ID and status.

## Example cURL Request

```
curl -X POST 'https://yourdomain.com/api/create_new_assessment_for_access_code' \  
-H 'Content-Type: application/json' \  
-H 'X-API-KEY: YOUR_API_KEY' \  
-d '{  
  "access_code": "your_access_code_here",  
  "assessment_type": "transaction",  
  "address": "blockchain_address_here",  
  "currency": "BTC",  
}
```

```
"tx_hash": "transaction_hash_here"  
'
```