ETL TRANSACTION API USER GUIDE

This guide shows how to use the API, which is available through the Swagger interface.

You can open the Swagger UI here to try out the endpoints:

https://yokomitsu.ddns.net:5444/swagger/index.html

If you prefer using a tool like Postman, you can also access the API directly at:

https://yokomitsu.ddns.net:5444/api/<endpoint>

1.0 Get Access Token

1.1 Retrieving the Access Token:

To begin, go to the **"Tokens"** section in the Swagger UI. There, you'll find the endpoint

/api/getAccessToken to retrieve an access token for authentication and security purposes.

You must include the following parameters:

- **companyName**: This is required for generating the token. Make sure to include it as a parameter (as shown in diagram 1.1).
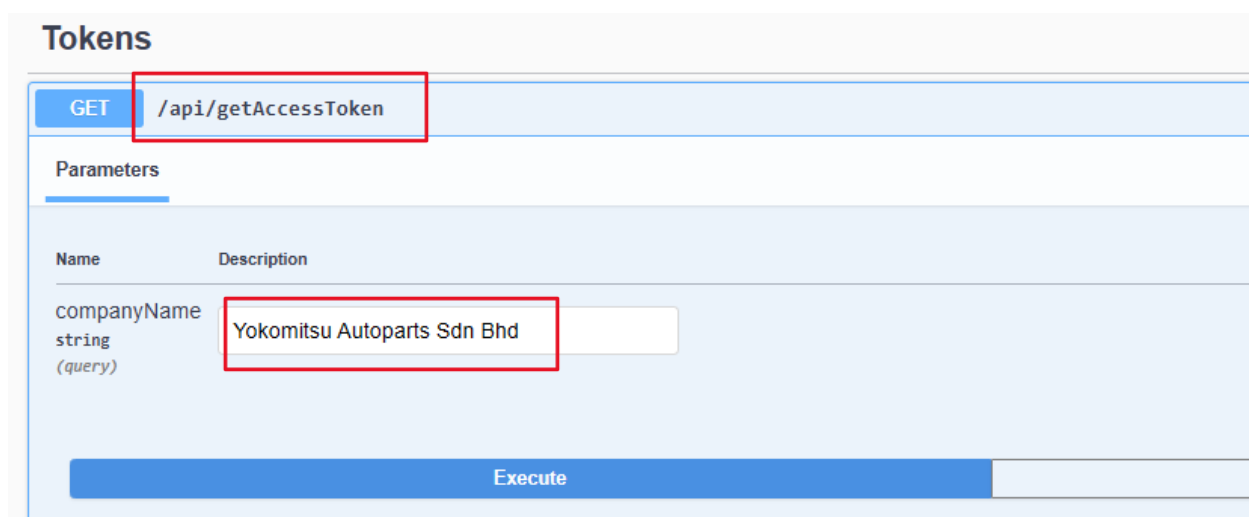

Diagram 1.1 Parameter for Access Token Retrieval

After submitting the company name, you will receive an access token that looks like this:

tjIo5P6plhrmESxhHX0ELu6ixvoooTLIB6XALzjx2K4=

Note: Requesting a new access token will invalidate the previous one.

Diagram 1.2 Response Structure for Access Token API

2.0 Get Sales Transactions

2.1 Retrieving Sales Transactions:

To begin, go to the "**SalesTransactions**" section in the Swagger UI. There, you'll find the endpoint **/api/sales/transactions** to retrieve a list of transaction records.

You must include the following parameters:

- **accessToken**: This is required for authentication. Make sure to include it as a parameter (as shown in diagram 2.1).

In the **request body**, provide:

- **startDate** and **endDate**: Specify the date range in ISO format.
- **page**: Page number for pagination **(must be greater than 0)**.
- **limit**: Number of records per page **(must be greater than 0)**.

Diagram 2.1 Parameter and Request Body for Sales Transactions API

Server response

Code	Details

200

Response body

```json
{
  "totalCount": 44,
  "page": 1,
  "limit": 10,
  "message": "The data is too large. Only partial results are shown. Please increase the page number to see more.",
  "results": [
    {
      "documentNo": "IV-05125",
      "transactionType": "INV",
      "transactionDescription": "SALES",
      "stockCode": "71411512072",
      "quantity": 1,
      "totalAmount": 59,
      "unitCost": 0,
      "location": "L1",
      "issueDate": "2025-05-19T00:00:00",
      "customerCode": "300-Z0001",
      "customerName": "ZHAO FENG SDN. BHD.",
      "salesmanCode": "JAYDEN",
      "salesmanName": "JAYDEN",
      "nettQty": 37
    },
    {
      "documentNo": "IV-05126",
      "transactionType": "INV",
      "transactionDescription": "SALES",
      "stockCode": "71552661080",
```

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Response headers

```
content-type: application/json; charset=utf-8
date: Mon,19 May 2025 02:22:18 GMT
server: Microsoft-IIS/10.0
x-powered-by: ASP.NET
```

Diagram 2.2 Response Structure for Sales Transactions API

Note:

- You can set the limit value up to **200**.

- Feel free to increase the page number to retrieve more transactions from the next set of results.

3.0 Get Current Inventories

3.1 Retrieving Current Inventories:

To begin, go to the " **InventoryQuantity**" section in the Swagger UI. There, you'll find the endpoint **/api/inventory/currentInventory** to retrieve a list of current inventories records.

You must include the following parameters:

- **accessToken**: This is required for authentication. Make sure to include it as a parameter (as shown in diagram 3.1).

In the **request body**, provide:

- **page**: Page number for pagination **(must be greater than 0)**.
- **limit**: Number of records per page **(must be greater than 0)**.

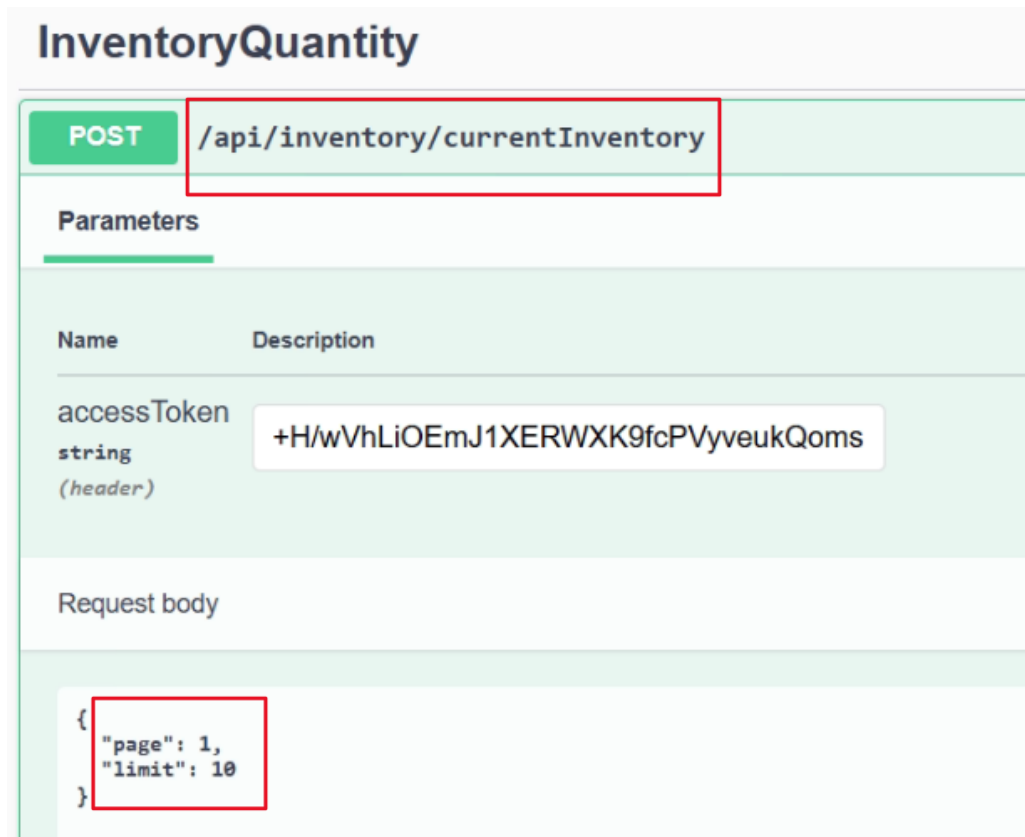Diagram 3.1 Parameter for Inventory Quantity API

Server response

Code   Details

200
            Response body

            {
              "count": 1106,
              "page": 1,
              "limit": 10,
              "message": "Inventories fetched successfully.",
              "result": [
                {
                  "stockCode": "*",
                  "stockName": "NON-STOCK",
                  "locations": [
                    {
                      "locationCode": "L1",
                      "quantity": 100
                    },
                    {
                      "locationCode": "L2",
                      "quantity": 0
                    },
                    {
                      "locationCode": "L3",
                      "quantity": 0
                    },
                    {
                      "locationCode": "L4",
                      "quantity": 0
                    },
                    {

Diagram 3.2 Response Structure for Inventory Quantity API

Note:

- You can set the limit value up to **200**.

- Feel free to increase the page number to retrieve more inventory records from the next set of results.