PATHAO MERCHANT API

INTEGRATION DOCUMENTATION

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# Summary

Pathao API uses OAuth 2.0. There are 2 requests being sent here. 1st request is for getting the access token. This access token should be saved in the database (or any persistent store) for future use. 2nd request is for creating a new order. This uses the access token previously saved.

# Parameters

|  |  |
| --- | --- |
| **<base URL>** | [hermes-api.p-stageenv.xyz](https://hermes-api.p-stageenv.xyz/) |
| **<client ID>** | “133” |
| **<client secret>** | “CSHGEGFrYtBW4BWdYkWgfSh5vKvX8As28vnXria2” |
| **<client email>** | “nawaze.info@gmail.com" |
| **<password>** | "lovePathao" |

# Endpoints

## Get Access Token

|  |  |  |
| --- | --- | --- |
| **POST** | https://**<base URL>**/aladdin/api/v1/issue-token | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json |
| Body | {  “client\_id”: **<client ID>**,  “client\_secret”: **<client secret>**,  “username”: **<client email>**,  “password”: **<client password>**,  “grant\_type”: “password”,  } |
| **Response** | Status Code | 200 |
| Body | {  "access\_token": **<access token>**,  "refresh\_token": **<refresh token>**,  "token\_type": "Bearer",  "expires\_in": **<timestamp>**  } |
| **Error Response** | Status Code | 400 |
| Body | {  "message": "The user credentials were incorrect.",  "type": "error",  "code": 400  } |

*\*\* All the fields in the request body is required.*

* **<base URL>** will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<client ID>** (string) will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<client secret>** (string) will be provided by Pathao and not changeable by merchant.but changeable by Pathao.
* **<username>** (string) will be provided by Pathao and not changeable by merchant but changeable by Pathao
* **<password>** (string) is created by the merchant and is changeable by merchant but not changeable by Pathao.

## Get Refresh Token

|  |  |  |
| --- | --- | --- |
| **POST** | https://**<base URL>**/aladdin/api/v1/issue-token | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json |
| Body | {  “client\_id”: **<client ID>**,  “client\_secret”: **<client secret>**,  “refresh\_token”: **<refresh token>**,  “grant\_type”: “refresh\_token”,  } |
| **Response** | Status Code | 200 |
| Body | {  "access\_token": **<access token>**,  "refresh\_token": **<refresh token>**,  "token\_type": "Bearer",  "expires\_in": **<timestamp>**  } |
| **Error Response** | Status Code | 400 |
| Body | {  "message": "The user credentials were incorrect.",  "type": "error",  "code": 400  } |

*\*\* All the fields in the request body is required.*

* **<base URL>** will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<client ID>** (string) will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<client secret>** (string) will be provided by Pathao and not changeable by merchant.but changeable by Pathao.
* **<refresh\_token>** (string) will be while access token

## Create Order

|  |  |  |
| --- | --- | --- |
| **POST** | https://**<base URL>**/aladdin/api/v1/orders | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| Body | {  "store\_id": **<store id>**,  "merchant\_order\_id": <merchant order id>,  "recipient\_name":**<recipient name>**,  "recipient\_phone": **<recipient phone>**,  "recipient\_address":**<recipient address>**,  "recipient\_city": **<recipient city>**,  "recipient\_zone": **<recipient zone>**,  "recipient\_area": <recipient area>,  "delivery\_type": **<delivery type>**,  "item\_type": **<item type>**,  "special\_instruction":<special instruction>,  "item\_quantity": **<item quantity>**,  "item\_weight": **<item weight>**,  "amount\_to\_collect": **<amount to collect>**,  "item\_description": <item description>  } |
| **Response** | Status Code | 200 |
| Body | {  "consignment\_id": "DC2704206TL42K",  "merchant\_order\_id": "",  "order\_status": "Pending",  "delivery\_fee": 60  } |
| **Error Response** | Status Code | 422 |
| Body | {  "message": "Please fix the given errors",  "code": 422,  "errors": {  "amount\_to\_collect": [ "The amount to collect must be between 0 and 900000." ]  }  } |

*\*\* All the fields in the request body except* ***“*merchant\_order\_id*”****,* ***“*recipient\_area*”*** *and* ***“*special\_instruction*”, “*item\_description*”***  *are required.*

* **<base URL>** will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<access token>** needs to fetched with the “Get Access Token” API endpoint.
* **<store Id>** (int) store\_id is provided by the merchant and not changeable.This store ID will set the pickup location of the order according to the location of the store
* <merchant\_order\_id>(string) merchant order info/tracking id
* **<recipient name>** (string) is provided by the merchant and not changeable.
* **<recipient address>** (string) is provided by the merchant and not changeable. (minimum 10 character)
* **<recipient phone>** (string) is provided by the merchant and not changeable.
* **<recipient city>** (int) is provided by the merchant and not changeable.
* **<recipient zone>** (int) is provided by the merchant and not changeable.
* <recipient area> (int) is provided by the merchant and not changeable.
* **<delivery\_type>** (int) is provided by the merchant and not changeable. 48 for Normal delivery, 12 for On demand Delivery
* **<item\_type>** (int) is provided by the merchant and not changeable. 1 for Document, 2 for Parcel
* **<special\_instruction>** (string) is provided by the merchant and not changeable.
* **<item\_description>** (string) is provided by the merchant and not changeable.
* **<item\_weight>** (float) is provided by the merchant and not changeable..minimum 0.5 - 10 kg
* **<amount\_to\_collect>** (int) is provided by Pathao and not changeable by the merchant. default should be 0 if NON COD
* **<consignment ID>** (string) is the identification code for the order.
* **<error message>** (string) is description of error.

## Create Stores

|  |  |  |
| --- | --- | --- |
| **POST** | https://**<base URL>**/aladdin/api/v1/stores | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| Body | {  "**name**": <store name>,  "**contact\_name**": <store contact person>,  "**contact\_number**": <store phone no>,  "**address**":<address of the stores>,  "secondary\_contact": <store secondary no>,  "**city\_id**": <city id>,  "**zone\_id**": <zone id>,  "**area\_id**": <area id>  } |
| **Response** | Status Code | 200 |
| Body | {  "store\_id": "111"  } |
| **Error Response** | Status Code | 422 |
| Body | {  "message": "Please fix the given errors",  "code": 422,  "errors": {  "**name**": [ "The **name** required" ]  }  } |

*\*\* All the fields in the request body except* ***“***secondary\_contact***”***  *are required.*

* **<base URL>** will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<access token>** needs to fetched with the “Get Access Token” API endpoint.
* **<name>** (string) is provided by the merchant and not changeable. Name of the store
* **<address>** (string) is provided by the merchant and not changeable. (minimum 10 character)
* **<contact name>** (string) is provided by the merchant and not changeable. Contact person of the store need for issue related communication.
* **<contact phone>** (string) is provided by the merchant and not changeable.
* **<**secondary\_contact**>** (string) is provided by the merchant and not changeable.
* **<recipient city>** (int) is provided by the merchant and not changeable.
* **<recipient zone>** (int) is provided by the merchant and not changeable.
* <recipient area> (int) is provided by the merchant and not changeable.

## Get Stores

|  |  |  |
| --- | --- | --- |
| **GET** | https://**<base URL>**/aladdin/api/v1/stores | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| **Response** | Status Code | 200 |
| Body | "data": [  {  "store\_id": 65,  "store\_name": "Dhaka Store 5",  "store\_address": "",  "city\_id": 1,  "hub\_id": 1  } ] |
| **Error Response** | Status Code | 475 |
| Body | {  "message": "Invalid Access Token!",  "type": "error",  "code": 475  } |

## Get Cities

|  |  |  |
| --- | --- | --- |
| **GET** | https://**<base URL>**/aladdin/api/v1/countries/1/city-list | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| **Response** | Status Code | 200 |
| Body | "data":  {  "city\_id": 32,  "city\_name": "B. Baria"  } |
| **Error Response** | Status Code | 475 |
| Body | {  "message": "Invalid Access Token!",  "type": "error",  "code": 475  } |

## Get Zones

|  |  |  |
| --- | --- | --- |
| **GET** | https://**<base URL>**/aladdin/api/v1/cities/1/zone-list | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| **Response** | Status Code | 200 |
| Body | "data": [  { "zone\_id": 298,  "zone\_name": "60 feet"  }  ] |
| **Error Response** | Status Code | 475 |
| Body | {  "message": "Invalid Access Token!",  "type": "error",  "code": 475  } |

## Get Areas

|  |  |  |
| --- | --- | --- |
| **GET** | https://**<base URL>**/aladdin/api/v1/zones/1/area-list | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| **Response** | Status Code | 200 |
| Body | "data": [  {  "area\_id": 34,  "area\_name": " Airport Road"  }] |
| **Error Response** | Status Code | 475 |
| Body | {  "message": "Invalid Access Token!",  "type": "error",  "code": 475  } |

## Price Calculation

|  |  |  |
| --- | --- | --- |
| **POST** | https://**<base URL>**/aladdin/api/v1/merchant/price-plan | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  Authorization: Bearer **<access token>** |
| Body | {  "store\_id": <store\_id>,  "item\_type": <percel type>,  "delivery\_type": 48,  "item\_weight": "0.5",  "recipient\_city": 3,  "recipient\_zone": 1  } |
| **Response** | Status Code | 200 |
| Body | {"data":  { "price": 100,  "discount": 0,  "promo\_discount": 0,  "plan\_id": 15,  "cod\_enabled": 1,  "additional\_charge": 0  }  } |
| **Error Response** | Status Code | 422 |
| Body | {  "message": "Please fix the given errors",  "code": 422,  "errors": {  "store\_id": [ "The store\_id required" ]  }  } |

*\*\* All the fields in the request body are required.*

* **<base URL>** will be provided by Pathao and not changeable by merchant but changeable by Pathao.
* **<access token>** needs to fetched with the “Get Access Token” API endpoint.
* **<store\_id>** (string) is provided by the merchant. id of the store
* **<delivery\_type>** (int) is provided by the merchant and not changeable. 48 for Normal delivery, 12 for On demand Delivery
* **<item\_type>** (int) is provided by the merchant and not changeable. 1 for Document, 2 for Parcel
* **<item\_weight>** (float) is provided by the merchant and not changeable..minimum 0.5 - 10 kg
* **<recipient city>** (int) is provided by the merchant and not changeable.
* **<recipient zone>** (int) is provided by the merchant and not changeable.

Zone City Short Mapping Data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| City Id | City Name | Zone Area | Zone Name | Zone ID |
| 1 | Dhaka | Banani, Basundhara, Mohakhali,Tejgaon, Gulsan, Nakhalpara,Nikunja | Banani | 1 |
| 1 | Dhaka | Mirpur, Agargaon | Mirpur | 19 |
| 1 | Dhaka | Dhanmondi, Adabor, Mohammadpur, Hazaribag,Lalbag,Kawran Bazar | Dhanmondi | 62 |
| 1 | Dhaka | Uttara, UttarKhan, Dokahn Khan | Uttara | 12 |
| 1 | Dhaka | Motijheel, Puran Dhaka, Jatrabari, Demra | Motijheel | 34 |
| 1 | Dhaka | Badda, Basabo, Rampura, Khilgaon, Harirjil | Rampura | 28 |
| 1 | Dhaka | Savar | Savar | 65 |
| 1 | Dhaka | Keraniganj Sadar | Keraniganj Sadar | 66 |
| 2 | Chittagong | Chittagong | Chittagong | 68 |
| 3 | Sylhet | Sylhet | Sylhet | 89 |
| 4 | Rajshahi | Rajshahi | Rajshahi | 90 |
| 5 | Cummilla | Cummilla | Cummilla | 96 |
| 5 | Cummilla | Hajiganj Sadar | Hajiganj Sadar | 103 |
| 6 | Feni | Feni Sadar | Feni Sadar | 100 |
| 7 | Noakhali | Noakhali Sadar | Noakhali Sadar | 101 |
| 8 | Chandpur | Chandpur Sadar | Chandpur Sadar | 102 |
| 9 | Bogra | Bogra Sadar | Bogra Sadar | 104 |
| 10 | Sirajganj | Sirajganj Sadar | Sirajganj Sadar | 105 |
| 11 | Cox's bazar | Cox's bazar sadar | Cox's bazar sadar | 106 |
| 12 | Mouluvibazar | Mouluvibazar sadar | Mouluvibazar sadar | 107 |
| 13 | Tangail | Tangail Sadar | Tangail Sadar | 109 |
| 14 | Natore | Natore Sadar | Natore Sadar | 110 |
| 15 | Chapainawabganj | Chapainawabganj Sadar | Chapainawabganj Sadar | 111 |
| 16 | Manikganj | Manikganj Sadar | Manikganj Sadar | 112 |
| 17 | Barishal | Barishal Sadar | Barishal Sadar | 113 |
| 18 | Faridpur | Faridpur Sadar | Faridpur Sadar | 114 |
| 19 | Jashore | Jashore sadar | Jashore sadar | 115 |
| 20 | Khulna | Khulna | Khulna | 117 |
| 21 | Narayanganj | Fatulla | Fatulla | 119 |
| 22 | Gazipur | Gazipur | Gazipur | 123 |

## 

## 

## Status Update Webhook

Pathao Merchant API system can submit order status update request through a webhook (an API endpoint provided by the merchant) to inform the merchant about status changes. Following events/statuses can trigger the webhook.

1. Delivered
2. Returned

Merchant need to provide following information for status update webhook integration for the events/status changes.

1. API endpoint
2. HTTP method (POST)
3. Request parameters (JSON, Headers) & sha1 of secret given in app
4. Response format (JSON)

|  |  |  |
| --- | --- | --- |
| **POST** | **<URL GIVEN BY MERCHANT>** | |
| **Request** | Headers | Accept: application/json  Content-Type: application/json  X-PATHAO-Signature:sha1=7d38cdd689735b008b3c702edd92eea23791c5f6 |
| Body | {  "consignment\_id": "DP0402207PHNX7",  "merchant\_order\_id": "XXXX",  "Order\_status": “Pending”  } |