

IKOMEX API V1.0

22 July 2023

Create API Token

To create API token, follow these steps:

- Login to your account on <https://ikomex.net>
- Go to My Profile
- Under section of Personal Access Token
- Create
- Then type Token nickname
- After creating it, Copy the token and save it on your notes.

Notes:

- *You can create multiple Tokens*
- *Token must be copied after creation.*

For testing the API use the following test account and token:

Demo login URL:

<https://demo.iikomex.net/app/#/login>

Username: demo@example.com

Password: Test@1234

API Test Token:

3|W9DIFsKJfIEjybojLXuROZh5X9h1O3HaNvnPDmv



Create a Shipment

Production Endpoint URL:

POST <https://ikomex.net/external/shipments/create>

Testing Endpoint URL:

POST <https://demo.ikomex.net/external/shipments/create>

Request

Headers

Content-Type

String required
Default: application/json

Authorization

String required
Bearer <token>

Body

```
application/json
{
  "pickup": {
    "name": "XYZ Company",
    "email": "demo@example.com",
    "mobile": "+966561234567",
    "address_line_1": "Test Address line 1",
    "address_line_2": null,
    "location": "Abha::Abha::SA",
    "postal_code": null,
    "latitude": null,
    "longitude": null
  }
}
```



```

},
"package": {
  "weight": 10,
  "values": 37,
  "pieces": 1,
  "length": null,
  "height": null,
  "width": null,
  "shipment_content": null,
  "invoice_number": null
},
"receiver": {
  "name": "Test Client 2",
  "email": null,
  "mobile": "+966561234567",
  "address_line_1": "Test Address line 1",
  "address_line_2": null,
  "location": "Khamis Mushait::Abha::SA",
  "postal_code": null,
  "latitude": null,
  "longitude": null,
  "cod": false
}
}
}

```

Parameter	Type	Required	Description
pickup.name	String	Yes	Pick up or entity or business name who is creating the shipping, Max 255 characters
pickup.email	String	Yes	Pick up email address, must be email format
pickup.mobile	String	Yes	Only digits should be provided, Pick up mobile ex: +966561234567
pickup.address_line_1	String	Yes	Pick up address 1, from where the shipping will be collected, Max 255 characters
pickup.address_line_2	String	No	Pick up address 2, from where the shipping will be collected, Max 255



			characters
pickup.location	String	Yes	A predefined city name. Please check the Pick up Locations URL .
pickup.postal_code	String	No	Postal code of the location max 15 characters
receiver.name	String	Yes	Receiver or entity or business name who is receiving the shipping, Max 255 characters
receiver.email	String	No	Receiver email address, must be email format
receiver.mobile	String	Yes	Only digits should be provided, Receiver mobile ex: +966561234567
receiver.address_line_1	String	Yes	Receiver address 1, from where the shipping will be collected, Max 255 characters
receiver.address_line_2	String	No	Receiver address 2, from where the shipping will be collected, Max 255 characters
receiver.location	String	Yes	A predefined city name. Please check the Receiver Locations URL .
receiver.postal_code	String	No	Postal code of the location max 15 characters



receiver.cod	Boolean	No	Cash On delivery True or False
package.values	Numeric	Yes	Value of the shipment + it will be The COD amount which needs to be collected.
package.weight	Numeric	Yes	Minimum weight 0.1 KG, Maximum Weight shipper maximum weight (25 KG). Please refer your account on application for default shipper selected
package.pieces	Numeric	Yes	The total number of pieces that single shipping will have. For example, some shipping will have more items, which can't be enclosed in a single packaging, so it is possible to pack them in multiple cartons. That number of cartons means pieces here. Number of pieces Max 2 pieces
package.length	Numeric	No	Maximum Length : shipper maximum length. Please refer application
package.height	Numeric	No	Maximum height : shipper maximum height. Please refer application
package.width	Numeric	No	Maximum width : shipper maximum width. Please refer



			application
package.shipment_content	String	No	Shipment description Max 255 characters
package.invoice	String	No	Shipment invoice no. Max 255 characters

Responses

200 OK

Body

application/json

```
{
  "error": false,
  "message": "shipment_created_successfully",
  "data": {
    "amount": 27.60,
    "awb": null,
    "created_at": "Jul 21, 2023 07:48 PM",
    "currency_code": "SAR",
    "id": 11,
    "payment_type": "Online",
    "pickup_at": "Jul 21, 2023",
    "pickup_details": {
      "name": "XYZ Company",
      "email": "demo@example.com",
      "mobile": "+966561234567",
      "address": "Test Address line 1, Abha, Abha, SA"
    },
    "pieces": 1,
    "preferred_delivery_at": "Jul 21, 2023",
    "receiver_details": {
      "name": "Test Client 2",
      "email": null,
      "mobile": "+966561234567",
      "address": "Test Address line 1, Abha, Khamis Mushait, SA"
    },
    "reference_number": "4df3fb3a-dc08-4d4f-ab15-0642e350282c",
    "shipment": {
      "payment_type": "wallet",
      "status": "completed",
      "weight": 10,
      "value": 37,
      "invoice": null,
      "length": "0",
      "width": "0",
      "height": "0",

```



```
    "content": null
  },
  "shipment_method": "api",
  "shipper": {
    "id": 7,
    "short_name": "jt",
    "name": "J & T"
  },
  "status": "created",
  "type": "online",
  "updated_at": "Jul 21, 2023 07:48 PM"
}
```



Tracking Shipment

Production Endpoint URL:

Get <https://ikomex.net/external/shipments/<id>/check-status>

Testing Endpoint URL:

Get <https://demo.ikomex.net/external/shipments/<id>/check-status>

Get the id from the response of created shipment

Request and Response

This API only accepts `GET` requests.

Headers

The following headers should be sent along with the request

- Accept: application/json
- Authorization: Bearer <token here>

Response

Success Response

Upon successful request, the following response will be sent back with an HTTP status `200 OK`.

```
{
  "error": false,
  "message": "حالة الشحنة لم تتغير",
  "data": {
    "amount": 27.60,
    "awb": "UTE010005901972",
    "created_at": "Jul 21, 2023 07:48 PM",
    "currency_code": "SAR",
    "id": 11,
    "payment_type": "Online",
    "pickup_at": "Jul 21, 2023",
    "pickup_details": {
      "name": "XYZ Company",
      "email": "demo@example.com",
      "mobile": "+966561234567",
    }
  }
}
```



```

    "address": "Test Address line 1, Abha, Abha, SA"
  },
  "pieces": 1,
  "preferred_delivery_at": "Jul 21, 2023",
  "receiver_details": {
    "name": "Test Client 2",
    "email": null,
    "mobile": "+966561234567",
    "address": "Test Address line 1, Abha, Khamis Mushait, SA"
  },
  "reference_number": "4df3fb3a-dc08-4d4f-ab15-0642e350282c",
  "shipment": {
    "payment_type": "wallet",
    "status": "completed",
    "weight": 10,
    "value": 37,
    "invoice": null,
    "length": "0",
    "width": "0",
    "height": "0",
    "content": null
  },
  "shipment_method": "api",
  "shipper": {
    "id": 7,
    "short_name": "jt",
    "name": "J & T"
  },
  "status": "Arrange Operation Station",
  "type": "online",
  "updated_at": "Jul 21, 2023 08:10 PM"
}
}

```

Error Response

In case of an error, the following response can be returned.

Also, an HTTP status of `422 Unprocessable Entity` will be returned.

A `404 Not Found` HTTP status will be returned if no tracking numbers are provided.

In case of invalid credentials `401 Unauthorized`, the following response will be returned.



Download PDF Shipment

Production Endpoint URL:

Get <https://ikomex.net/external/shipments/<id>/download-pdf>

Testing Endpoint URL:

Get <https://demo.ikomex.net/external/shipments/<id>/download-pdf>

Get the id from the response of created shipment

Request and Response

This API only accepts **GET** requests.

Headers

The following headers should be sent along with the request

- Accept: application/json
- Authorization: Bearer <token here>

Get the downloaded content

Also, an HTTP status of **422 Unprocessable Entity** will be returned.

A **404 Not Found** HTTP status will be returned if no tracking numbers are provided.

In case of invalid credentials **401 Unauthorized**, the following response will be returned.

