

# Logistiq shipping API document



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## INTRODUCTION

The objective of this document is to help the reader thoroughly understand the Logistiq shipping API. This API will enable client's system to establish direct communication with LOGISTIQ's system. Using this API, Logistiq allows the client to access its shipping & tracking systems in an automated way and provides a secure mode of interaction between systems.

## SECURITY

Logistiq provides best in class security methods for all its applications and APIs,

- We use Firebase Authentication to create and manage users that use their email addresses and passwords to sign in. This ensures that all the requests submitted by the users will be authenticated using their email address and password.
- We use Nginx Ingress, which exposes HTTP and HTTPS routes from outside the cluster to services within the cluster. Traffic routing is controlled by rules defined on the Ingress resource. HTTPS is used to ensure all transmissions are encrypted.
- We use Cloudflare, a global network, to make the connection secure, private, fast, and reliable. It ensures security of the APIs & Internet applications.

## FUNCTIONAL APIS

### FORWARD ORDER BOOKING (POST)

Forward order is defined as an order which is to be picked up from client warehouse and to be delivered to the end customer's doorstep. This API allows the client to book the forward order with Logistiq by providing full details of the shipment, pick-up & drop-off.

**URL:** [https://{{BASE\\_URL}}/auth/api/v2/orders/order-create](https://{{BASE_URL}}/auth/api/v2/orders/order-create)

Request Payload	Response
<pre>{   "additional": {     "delivery_type": "FORWARD",     "async": true,     "label": true,     "order_date": "2022-06-09T22:29:41",     "vendor_code": "ADDR12182_1467",     "duty_fee_paid_by": "",     "rvp_reason": null   },   "pickup_info": {     "landmark": null,     "state": "Muharraq Island",     "address": "الامير عبدالمجيد عماره 513",     "country_code": "BH",     "time": "2022-06-15T12:51:18",     "name": "رغد الحربي",     "phone": "8001111090",     "phone_code": "+966",     "email": "hello.ksa@shop.com",     "city": "Muharraq",     "postal_code": "Busaiteen"   },   "drop_info": {</pre>	<pre>{   "meta": {     "success": true,     "status": 200,     "message": "Success"   },   "result": {     "status": true,     "waybill": "290307446492",     "reference_number": "LogistiqTest_0004",     "courier_partner_id": 79,     "courier_name": "Test_CP_Forward",     "security_key": "",     "sort_code": null,     "label": "url to download awb",     "alphaAwb": "ALPH000000407925"   } }</pre>

```
"email": "new2009mom@hotmail.com",
"name": "Abrar Alkadhim",
"landmark": "",
"address": "10c 3633",
"city": "Muharraq",
"state": "Muharraq Island",
"country_code": "BH",
"postal_code": "Busaiteen",
"phone": "542144333",
"phone_code": "+966"
},
"return_info": {
  "landmark": null,
  "state": "Muharraq Island",
  "address": ", 513 الامير عبدالمجيد عماره",
  "country_code": "BH",
  "time": null,
  "name": ", رغد الحربي",
  "phone": "8001111090",
  "phone_code": "+966",
  "email": "mohammed.asif@test.com",
  "city": "Muharraq",
  "postal_code": "Busaiteen"
},
"tax_info": null,
"shipment_details": {
  "weight": "10",
  "breadth": "10",
  "height": "10",
  "length": "10",
  "invoice_value": "400",
  "cod_value": "20",
  "order_type": "COD",
  "invoice_number": "3003373690",
  "invoice_date": "2022-06-07",
  "reference_number": "LogistiqTest_0004",
  "currency_code": "SAR",
  "items": [
    {
      "sku": "700202510203",
      "description": "الفساتين/الاكسسوارات",
      "quantity": "1.0000",
      "price": "44.3500"
    }
  ]
},
{
  "sku": "700083142902",
```

<pre> "description": "الفساتين/الاكسسوارات", "quantity": "1.0000", "price": "52.1700" }, { "sku": "700227980302", "description": "الفساتين/الاكسسوارات", "quantity": "1.0000", "price": "65.2200" }, { "sku": "1000060302", "description": "الفساتين/الاكسسوارات", "quantity": "1.0000", "price": "65.2200" }, { "sku": "700227980402", "description": "الفساتين/الاكسسوارات", "quantity": "5.0000", "price": "23.2200" }, { "sku": "1000060804", "description": "الفساتين/الاكسسوارات", "quantity": "2.0000", "price": "33.2200" } ] } </pre>	
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#### RETURN ORDER BOOKING (POST)

Return order is defined as an order which is to be picked up from the end customer's doorstep and to be delivered to the client warehouse. This API allows the client to book the return order with Logistiq by providing full details of the shipment, pick-up & drop-off.

**URL:** [https://{{BASE\\_URL}}/auth/api/v2/orders/order-create](https://{{BASE_URL}}/auth/api/v2/orders/order-create)

Request Payload	Response
<pre> { "additional": { "delivery_type": "RETURN", "async": true, "label": true, "order_date": "2022-06-07T22:29:41", "vendor_code": "ADDR12182_1467", "duty_fee_paid_by": "", "rvp_reason": null } } </pre>	<pre> { "meta": { "success": true, "status": 200, "message": "Success" }, "result": { "status": true, } } </pre>

```
},
"pickup_info": {
  "landmark": null,
  "state": "Muharraq Island",
  "address": ", 513 الامير عبدالمجيد عمارة",
  "country_code": "BH",
  "time": "2022-06-10T12:51:18",
  "name": ", رعد الحربي",
  "phone": "8001111090",
  "phone_code": "+966",
  "email": "hello.ksa@shop.com",
  "city": "Muharraq",
  "postal_code": "Busaiteen"
},
"drop_info": {
  "email": "new2009mom@hotmail.com",
  "name": "Abrar Alkadhim",
  "landmark": "",
  "address": "10c 3633",
  "city": "Muharraq",
  "state": "Muharraq Island",
  "country_code": "BH",
  "postal_code": "Busaiteen",
  "phone": "542144333",
  "phone_code": "+966"
},
"return_info": {
  "landmark": null,
  "state": "Muharraq Island",
  "address": ", 513 الامير عبدالمجيد عمارة",
  "country_code": "BH",
  "time": null,
  "name": ", رعد الحربي",
  "phone": "8001111090",
  "phone_code": "+966",
  "email": "mohammed.asif@test.com",
  "city": "Muharraq",
  "postal_code": "Busaiteen"
},
"tax_info": null,
"shipment_details": {
  "weight": "10",
  "breadth": "10",
  "height": "10",
  "length": "10",
  "invoice_value": "400",
  "cod_value": "20",
  "order_type": "COD",
  "invoice_number": "3003373690",
  "invoice_date": "2022-06-07",
  "reference_number": "LogistiqTest_0003",
  "currency_code": "SAR",
  "items": [
    {
      "sku": "700202510203",
      "description": ", الفساتين/الاكسسوارات",
      "quantity": "1.0000",
      "price": "44.3500"
    }
  ]
}
```

```
"waybill": "215000603910",
"reference_number": "LogistiqTest_0003",
"courier_partner_id": 82,
"courier_name": "Test_CP_Reverse",
"security_key": "",
"sort_code": null,
"label": "url to download awb",
"alphaAwb": "ALPR00000002082"
}
```

<pre> }, {   "sku": "700083142902",   "description": ",",   "quantity": "1.0000",   "price": "52.1700" }, {   "sku": "700227980302",   "description": ",",   "quantity": "1.0000",   "price": "65.2200" }, {   "sku": "1000060302",   "description": ",",   "quantity": "1.0000",   "price": "65.2200" }, {   "sku": "700227980402",   "description": ",",   "quantity": "5.0000",   "price": "23.2200" }, {   "sku": "1000060804",   "description": ",",   "quantity": "2.0000",   "price": "33.2200" } } } </pre>	
---	--

### PRINT SHIPPING LABEL (GET)

In general, the shipping label is generated & sent as a response of the Order Booking API. But in case the client wants to access the shipping labels of the existing shipments, this API allows them to access the older shipping labels up to 30 days using the order/shipment ID. The API response provides a URL to download the PDF file of the shipping label.

URL / API END POINT	Response
<pre> {{{Base_URL}}}/allocation/api/v1/tracking/print-cp-label?awb=ALPH0000000XXXXX </pre>	<pre> {   "label": "url to download awb",   "status": true } </pre>

### ORDER TRACKING (GET)

It allows client to track the end-to-end journey of the shipment including all the touch points. This API provides complete information of all the actions performed on the shipment with the details of – status, location, time and the user who performed the action.

URL / API END POINT	Response
<pre> {{{Base_URL}}}/allocation/api/v1/tracking/order-details?alpha_awb= ALPH000000001028 </pre>	<pre> {   "status": true,   "data": { </pre>

```
"referance_awb": "ALPH000000001028",
"expected_delivery_date": null,
"customer_details": {
  "name": "Mohammed",
  "email": "aa@gmail.com",
  "calling_code": "+966",
  "phone": "1000000000",
  "address": "Al riyad",
  "state": "Al-Madinah Al-Monawarah",
  "city": "Al Mahd",
  "country": "SA",
  "postal_code": "Al Mahd"
},
"order_details": {
  "brand_reference_number": "Ft12355",
  "invoice_number": "12321412123",
  "invoice_value": 2000.0,
  "order_type": "COD",
  "cod_value": 2000.0,
  "qty": 2000.0,
  "description": "Baby Care | Diaper",
  "current-stage": {
    "stage_code": 201,
    "stage": "BOOKED",
    "date": "2022-05-27T10:45:01.133204Z"
  }
},
"tracking_history": [
  {
    "status_code": 201,
    "status_name": "BOOKED",
    "date": "2022-03-31T06:09:33.284201Z",
    "status_sequence": 1,
    "updates": []
  },
  {
    "status_code": 203,
    "status_name": "PICKED-UP",
    "date": "2022-03-30T11:17:44.152452Z",
    "status_sequence": 2,
    "updates": [
      {
        "status": "PICKED_UP",
        "date": "2022-03-30T11:17:44.152452Z",
        "created_date": "2022-03-30T11:17:44.157836Z",
        "created_by": null,
        "scanned_by": "0AgEWrvnj6goMw8VP87Q5LLFTDz2",
        "scanned_location": "Dubai Marina Tower",
        "status_remark": "Order Picked-Up",
        "additional_remark": null,
        "visibility": true
      }
    ]
  }
],
{
  "status_code": 204,
```

```

    "status_name": "IN-TRANSIT",
    "date": null,
    "status_sequence": 3,
    "updates": []
  },
  {
    "status_code": 205,
    "status_name": "DELIVERED",
    "date": null,
    "status_sequence": 4,
    "updates": []
  }
]
}
}

```

### Webhook – Order status push

Logistiq is using the webhook to push the real time order status updates to the client system. We allow our clients to configure their webhook URL in our system, which will be used to push all the order status updates. Following are the list of all the order statuses we push to the client system.

Status ID	Status Name	Shipment Direction
101	BOOKED	Forward
102	UNASSIGNED	Forward
103	ASSIGNED	Forward
104	CANCELLED	Forward
105	PICKED_UP	Forward
106	IN_HUB	Forward
107	MANIFESTED	Forward
108	READY_TO_SHIP	Forward
109	DISPATCHED	Forward
110	INTRANSIT	Forward
111	OUT_FOR_DELIVERY	Forward
112	DELIVERED	Forward
113	PARTIALLY_RETURNED	Forward
114	RETURNED	Forward
115	ON_HOLD	Forward
116	LOST	Forward
117	DAMAGED	Forward
118	SHIPMENT_DELAYED	Forward
119	SHIPMENT_HELD	Forward
120	NDR	Forward
121	NOT_SERVICEABLE	Forward
122	FAILED_DELIVERY	Forward
123	CANCELLED_ORDER	Forward
124	CREATED	Return
125	OUT_FOR_PICKUP	Return
126	PICKED_UP	Return
127	INTRANSIT	Return
128	IN_HUB	Return
129	MANIFESTED	Return
130	UNASSIGNED	Return
131	ASSIGNED	Return
132	DELIVERED	Return
133	RETURN_CANCELLED	Return
134	ON_HOLD	Return



135	LOST	Return
136	DAMAGED	Return
137	SHIPMENT_DELAYED	Return
138	SHIPMENT_HELD	Return
139	PICKUP_FAILED	Return
140	OUT_FOR_DELIVERY	Return
141	UNMAPPED_FORWARD	Forward
142	UNMAPPED_RETURN	Return
143	PICKUP_PENDING	Forward
144	PICKUP_PENDING	Return
145	PICKUP_FAILED	Forward
146	NOT_SERVICEABLE	Forward
147	RTO_REQUESTED	Forward
148	RTO_OUT_FOR_DELIVERY	Forward
149	RTO_DELIVERED	Forward
150	RTO_FAILED	Forward
151	CONTACT_CUSTOMER_CARE	Forward
152	CONTACT_CUSTOMER_CARE	Return
153	RTO_INTRANSIT	Forward
154	OUT_FOR_PICKUP	Forward
155	RTO_CONTACT_CUSTOMER_CARE	Forward
156	RTO_CONTACT_CUSTOMER_CARE	Return
157	AWB_REGISTERED	Forward
158	AWB_REGISTERED	Return
159	EXPIRED	Forward
160	EXPIRED	Return
161	EXCHANGE_PICKUP	Forward
162	EXCHANGE_PICKUP	Return
163	EXCHANGE_INTRANSIT	Forward
164	EXCHANGE_INTRANSIT	Return
165	EXCHANGE_DELIVERED	Forward
166	EXCHANGE_DELIVERED	Return
167	FAILED_DELIVERY	Return
168	RTO	Forward
169	RTO_SHIPMENT_DELAY	Forward
170	NOT_SERVICEABLE	Return

## APPENDIX

### GLOSSARY

Object	Field	Data type	Required	Allowed values	Description
additional	delivery_type	str	Mandatory	FORWARD/RETURN	Delivery Type of the Order
	async	boolean	Optional	true/false	
	label	boolean	Optional	true/false	
	order_date	datetime	Optional	datetime	Order Creation Date
	vendor_code	str	Optional	str	Vendor Code
	Duty_fee_paid_by	str	Optional	str	Duty Fee Paid By
	Rvp_reason	str	Optional	str	RVP Reason
Pickup_info	landmark	str	Optional	Str(max_length = 100)	Pickup address landmark
	state	str	Mandatory	Str(max_length = 100)	Pickup address state
	address	str	Mandatory	Str(max_length = 100)	Pickup address
	country_code	str	Mandatory	Str(max_length = 100)	Pickup address country code
	time	datetime	Mandatory	datetime	Pickup time
	name	str	Mandatory	Str(max_length = 100)	Pick up name
	phone	str	Mandatory	Str(max_length = 15)	Pickup address phone number
	phone_code	str	Mandatory	Str(max_length = 4)	Pickup address phone code
	email	str	Mandatory	Str(max_length = 100)	Pickup email detail
	city	str	Mandatory	Str(max_length = 100)	Pickup address city
postal_code	str	Mandatory	Str(max_length = 100)	Pickup address postal code	
Drop_info	email	str	Mandatory	Str(max_length = 100)	Drop info email address
	name	str	Mandatory	Str(max_length = 100)	Drop address name info
	landmark	str	Mandatory	Str(max_length = 100)	Drop address landmark info
	address	str	Mandatory	Str(max_length = 100)	Drop address info
	city	str	Mandatory	Str(max_length = 100)	Drop address city into
	state	str	Mandatory	Str(max_length = 100)	Drop address state info
	country_code	str	Mandatory	Str(max_length = 100)	Drop address county code
	postal_code	str	Mandatory	Str(max_length = 100)	Drop address postal code
	phone	str	Mandatory	Str(max_length = 15)	Drop address phone number
	phone_code	str	Mandatory	Str(max_length = 4)	Drop address phone code
return_info	landmark	str	Optional	Str(max_length = 100)	Return address landmark info
	state	str	Mandatory	Str(max_length = 100)	Return address state info
	address	str	Mandatory	Str(max_length = 100)	Return address
	country_code	str	Mandatory	Str(max_length = 100)	Return address county code
	time	datetime	Mandatory	Datetime	Return address pickup time
	name	str	Mandatory	Str(max_length = 100)	Return address name info
	phone	str	Mandatory	Str(max_length = 15)	Return address phone number
	phone_code	str	Mandatory	Str(max_length = 4)	Return address phone code
	email	str	Mandatory	Str(max_length = 100)	Return address email
	city	str	Mandatory	Str(max_length = 100)	Return address city info
postal_code	str	Mandatory	Str(max_length = 100)	Return address postal code	
tax_info		Str	Optional	Str(max_length = 100)	Tax info
shipment_details	weight	float	Mandatory	Float	Weight of the shipment
	breadth	float	Mandatory	Float	Breadth of the shipment
	height	float	Mandatory	Float	Height of the shipment
	length	float	Mandatory	Float	Length of the shipment
	invoice_value	float	Mandatory	Float	Invoice value of the order
	cod_value	float	Mandatory	Float	Cod value of the order
	order_type	str	Mandatory	COD/PREPAID	Order type

	invoice_number	str	Optional	Str(max_length = 100)	Invoice number of order
	invoice_date	datetime	Optional	datetime	Invoice generated date
	reference_number	str	Mandatory	Str(max_length = 100)	Brand reference Number
	currency_code	str	Mandatory	Str (max_length = 4)	Currency code
	items	list	Mandatory	list	List of the items in an order
	sku	str	Mandatory	Str(max_length = 255)	Id of the shipment
	description	Str	Mandatory	Str(max_length = 255)	Description of the order to be delivered
	quantity	float	Mandatory	Float	Quantity per sku
	price	float	Mandatory	Float	Price of the item