Ecom Forward Manifest - API Integration

Version 3.2

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Ecom API Integration

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PINCODE SERVICEABLE API

Introduction

Pin code API allows Ecom Customers to retrieve list of pin codes that Ecom Express is servicing currently servicing. In the output Ecom's Route code is also there that need to be consumed by Ecom customers and to be printed on shipping label.

API Details

Head	Description
Name	Fetch Pin code API
HTTP Method	Post
Output Format	JSON
Test Server URL	*Please contact Ecom IT team for Staging server URL*
Test Server Credentials	*Please contact Ecom IT team for staging server credentials*
Staging Server Security	*Customers need to share their respective server, public IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*
Live server URL	*Please contact Ecom IT team for Live server URL*
Live server Credentials	*Please contact Ecom IT team for live server credentials*
Live Server Security	*Customers need to share their respective Production server IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*

Important Notes

Pin code API allows Ecom Customers to retrieve list of pin codes that Ecom Express is servicing currently.

All Pincodes serves **PPD** (Prepaid), **COD** (Cash on Delivery) and **Reverse** (Reverse).

Ideally you should periodically download serviceable pin code list using our API and store it in your database. At the time of booking, you should check in your DB for pin code serviceability and then manifest.

Output will be in JSON format.

We are not showing all serviceable Pincodes (real data) in response because test server doesn't have all Pincodes.

In the output Ecom's Route code is also there that need to be consumed by Ecom customers and to be printed on shipping label.

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Request and Response Details

Request Parameters

Field	Data Type	Required	Description	Special Instructions
username	Text	Mandatory	This is the API username to access the APIs	The value must be URL encoded while passing in API request body
password	Text	Mandatory	Password corresponding to the username	The value must be URL encoded while passing in API request body

Response format

Field	Data Type	Description	Sample
Pincode	Text	6-digit Pin code	566660
Dccode	Text	3 Letter Ecom Branch code	HNP
City	Text	Name of the city pin code is mapped to	HYDERABAD
city_code	Text	3 letter codes of the city pin code is mapped to	HNP
State	Text	Name of the state pin code is mapped to	TELANGANA
state_code	Text	Code of the state pin code is mapped to	TS
Route	Text	Network Route identifier for the pin codes.	ANP/HNP
date_of_discontinuance	Date	Date of discontinuous in case pin code is no longer serviceable.	2015-01-23
Active	Boolean	True in case Pin code is serviceable otherwise false.	true

Sample Request Body

username:api_username
password:api_password

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Sample Response Body

HTTPS/1.1 200 OK
Date: Sun, 10 Oct 2018 13:26:52 GMTs
Vary: Cookie
Transfer-Encoding: chunked
Content-Type: application/json

Sample Response Body (in case of success)

```
[{
"city": "MUMBAI",
"state": "Maharashtra",
"route": "MH/MUM",
"date_of_discontinuance": null,
"state_code": "MH",
"pincode": 400041,
"city_code": "MUM",
"dccode": "BOM"
},
{
"city": "MUMBAI",
"state": "Maharashtra",
"route": "MH/MUM",
"date_of_discontinuance": null,
"state_code": "MH",
"pincode": 400611,
"city_code": "MUM",
"dccode": "BOM"
},
{
"city": "MUMBAI",
"state": "Maharashtra",
"route": "MH/MUM",
"date_of_discontinuance": null,
"state_code": "MH",
"Pincode": 400707,
"city_code": "MUM",
"dccode": "BOM"
```

Sample Response Body (in case of failure):

Sample Response Body (In case of Invalid Username):

Unauthorized Request

Sample Response Body (In case of Invalid Username):

Unauthorized Request

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FETCH WAYBILL API

Introduction

Fetch waybills API allows Ecom Customers to retrieve Pre-Allocated Waybills Tracking Id Series for manifestation. Airwaybills series can be fetched for different Products (PPD/COD/REV).

API Details

Head	Description
Name	Fetch Waybills API
HTTP Method	Post
Output Format	JSON
Test Server URL	*Please contact Ecom IT team for Staging server URL*
Test Server Credentials	*Please contact Ecom IT team for staging server credentials*
Staging Server Security	*Customers need to share their respective server, public IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*
Live server URL	*Please contact Ecom IT team for Live server URL*
Live server Credentials	*Please contact Ecom IT team for live server credentials*
Live Server Security	*Customers need to share their respective Production server IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*

For Forward manifest API, Ecom using Two type of series for PPD (Prepaid) and COD (Cash on delivery).

For Reverse manifest, Ecom using a different series REV for Reverse Products.

Ideally you should periodically download pre-allocated AWB series in bulk using Fetch waybills API and store it in your database then use it. No need to fetch AWB Number one by one. At the time of booking, you should validate the AWB number and then manifest. Don't use the used AWB Number for new shipment.

An order number should be pass unique for each shipment.

An AWB is valid for 3 months generally, we don't allow to use 3 months older AWB series for manifestation (Booking) of shipment. A used AWB is valid for 10 days in our system. But, pickup can be attempted in three times. After ten days will update the reason code number 1330 in our system and you can track the same in API xml response.

 Output will be in JSON format.

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Request and Response Details

Request Parameters

Field	Data Type	Required	Description	Special Instructions
username	Text	Mandatory	This is the API username to access the APIs	The value must be URL encoded while passing in API request body
password	Text	Mandatory	Password corresponding to the username	The value must be URL encoded while passing in API request body
count	Integer	Mandatory	Enter the number of AWB to be fetched from the API in one go.	It must be less than or equal to Max fetch AWB. e.g. 100,130,200,1000 etc. (MAX < 20000)
type	Text	Mandatory	PPD /COD /REV	PPD (For Prepaid Waybill Numbers) COD (For COD Waybill Numbers) REV (For Reverse Pickup Waybill Numbers)

Response Format

Field	Data Type	Description	Sample
awb	integer	Pre-allocated unused AWB numbers	107144770
success	Text	Yes, in case of successful fetch otherwise no. In case of no refer to the error response for the details.	yes
reference_id	integer	This is internal identified to Ecom system for that request.	556010

Sample Request Body

For PPD (Prepaid)

username:api_username
password:api_password
count:5
type:ppd

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For COD (Cash on delivery)

username:api_username
password:api_password
count:5
type:cod

For REV (Reverse pickup)

username:api_username
password:api_password
count:5
type:rev

Sample Response Body

HTTPS/1.1 200 OK
Date: Sun, 10 Oct 2018 13:26:52 GMTs
Vary: Cookie
Transfer-Encoding: chunked
Content-Type: application/json

Sample Response Body (in case of success)

For PPD (Prepaid)

```
{
        "reference_id": 556010,
        "success": "yes",
        "awb": [
                107144770,
                107144771,
                107144772,
                107144773,
                107144774
        ]
}
```

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For COD (Cash on delivery)

```
{
        "reference_id": 556011,
        "success": "yes",
        "awb": [
                707586869,
                707586870,
                707586871,
                707586872,
                707586873
        ] }
```

For REV (Reverse)

```
{
        "reference_id": 556012,
        "success": "yes",
        "awb": [
                500986628,
                500986629,
                500986630,
                500986631,
                500986632
        ] }
```

Sample Response Body (in case of failure)

```
HTTP/1.1 200 OK
Date: Sun, 29 Jan 2017 13:41:29 GMT
Vary: Cookie, Accept-Encoding
Transfer-Encoding: chunked
Content-Type: text/html; charset=utf-8
```

Failure response Sample Response Body (In case of Limit Exceeded):

```
 {
"error": ["request count True exceeds 50000"," empty count field", "invalid count", "empty type field", "invalid
type field", "Limit Exceeded" ],
 "success": "no"
  }
```

Sample Response Body (In case passing wrong user name and wrong password):

 Unauthorized Request

Sample Response Body (In case passing wrong value of type parameter):

```
{"success": "no", "error": ["invalid type field"]}
```

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FORWARD MANIFEST API

Introduction

Forward shipment manifest API allows Ecom Customers to upload order details in Ecom system for pickup and delivery. With this API, there is no need to register pickup separately. Pickup is automatically scheduled with Ecom Ops team. Using this API, multiple shipments can be manifested in one go. It is recommended to keep order count in each API call limited to 05.

AWB tracking numbers needs to be pre-fetched using fetch AWB API, Pre-allocated unused AWB number is a Mandatory field in this API. Customers can manifest Multi-Seller shipments as well i.e. single package containing multiple items from different sellers.

API Details

Head	Description
Name	Forward Shipment Manifest API
HTTP Method	Post
Output Format	JSON
Test Server URL	*Please contact Ecom IT team for Staging server URL*
Test Server Credentials	*Please contact Ecom IT team for staging server credentials*
Staging Server Security	*Customers need to share their respective server, public IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*
Live server URL	*Please contact Ecom IT team for Live server URL*
Live server Credentials	*Please contact Ecom IT team for live server credentials*
Live Server Security	*Customers need to share their respective Production server IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*

Important Notes

All parameter values has to be URL encoded.

Output will be in JSON format that will provide you airway bill and order number association.

All the parameters or attributes are mandatory in payload. Don't remove the optional parameters or attributes from payload.

Note: If you want to change the pickup address and contact number of existing vendor or add new address in future, then there should be pass unique pickup name and vendor name for same because our system uniquely identifies the vendor from name and pincode against customer.

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Request and Response Details

Request Parameters

Field	Data Type	Required	Description	Special Instructions
username	Text	Mandatory	This is the API username to access the APIs	The value must be URL encoded while passing in API request body
password	Text	Mandatory	Password corresponding to the username	The value must be URL encoded while passing in API request body
json_input	Json	Mandatory	This is the actual shipment information in JSON format. Multiple shipments can be passed through this JSON.	All parameter values in this Json should be URL Encoded.

Json Input Structure

Field	Data Type	Field Length	Required?	Comments
Consignee, Pickup, Return and GST details along with request Parameters. In this section, Client need to pass Consignee information, Pickup information, Return information and Product details along with request parameters.				
AWB_NUMBER	Int		Mandatory	Pre-allocated unused AWB number. ECOM Provided two types of AWBs series, one is PPD (Prepaid) and another COD (cash on delivery) orders. Both series are different.
ORDER_NUMBER	Text	20	Mandatory	Customer unique reference number. Tracking can be done based on this reference number. For e.g., "EC-123456" OR "123456".
PRODUCT	Text		Mandatory	Ecom product type. It can be COD or PPD. For e.g., **"COD" (**for cash on delivery) or **"PPD"** (for prepaid) order. This is a static value which need to be passed.
CONSIGNEE	Text	100	Mandatory	Name of the Consignee.
CONSIGNEE_ADDRESS1	Text	400	Mandatory	Address line 1 of Consignee.
CONSIGNEE_ADDRESS2	Text	400	Optional	Address line 2 of Consignee.
CONSIGNEE_ADDRESS3	Text	400	Optional	Address line 3 of Consignee.

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Field	Data Type	Field Length	Required ?	Comments
DESTINATION_CITY	Text	100	Mandatory	Consignee City. For e.g., "New Delhi". This is useful for address verification. Hence we would suggest to pass the city name in full so that it is easy to understand.
PINCODE	Text		Mandatory	Consignee Pin Code. Based on this pincode, shipment will be allocated to Ecom branch for delivery to be conducted. For testing, please pass the following pincode "111111".
STATE	Text	100	Mandatory	Consignee State name. For e.g., "New Delhi" or "DL". This is useful for address verification. Hence we would suggest to pass the state name in full so that it is easy to understand.
MOBILE	Text		Mandatory	Mobile number of consignee. Pass only 10 DIGIT mobile number without any spaces or any other character. SMS alert will be send to this number. For e.g., "9999999999"
TELEPHONE	Text		Optional	Telephone number of consignee. Pass only 10 DIGIT number without any spaces or any other character. SMS alert will be send to this number. For e.g., "0123456789"
ITEM_DESCRIPTION	Text	400	Mandatory	Item Description of the package. For e.g., "MI4I Mobile"
PIECES	Int		Mandatory	Specify number of items that are there in the package. For e.g., 1
COLLECTABLE_VALUE	Double		Mandatory	Pass the cash amount to be collected (if applicable). For COD shipments, pass the amount which needs to be collected from consignee. Collectable value should be greater than ZERO. For PPD (Prepaid) shipments, if the payment mode of the shipment is prepaid then collectable value should be pass ZERO.

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Field	Data Type	Field Length	Required ?	Comments
DECLARED_VALUE	Double		Mandatory	Declared value (Invoice Value) of the shipment. This is the value on which all tax amounts will be calculated e.g. Octroi/Entry Tax/GST etc. For e.g., 1000.00
ACTUAL_WEIGHT	Double		Mandatory	Weight should be greater than equal to 0.1 kg. Pass the Actual weight of the shipment in KG. Pass 0.5 for 500 Grams. For e.g., 0.5
VOLUMETRIC_WEIGHT	Double		Mandatory	Volumetric weight for the shipment. Pass 0.3 for 300 Grams. (volumetric weight : L*B*H/5000) For e.g., 0.3
LENGTH	Double		Mandatory	Length of the shipment package with packing material. Unit of the length is CM (Centimeter). For e.g., 20
BREADTH	Double		Mandatory	Breadth of the shipment package with packing material. Unit of the breadth is CM (Centimeter). For e.g., 20
HEIGHT	Double		Mandatory	Height of the shipment package with packing material. Unit of the height is CM (Centimeter). For e.g., 15
PICKUP_NAME	Text	100	Mandatory	Pickup point name from where package need to be picked up.
PICKUP_ADDRESS_LINE1	Text	400	Mandatory	Pickup point address line 1 from where package need to be picked up.
PICKUP_ADDRESS_LINE2	Text	400	Optional	Pickup point address line 2 from where package need to be picked up.
PICKUP_PINCODE	Text		Mandatory	Pincode of Pickup point address. For testing, please pass the following pin code "111111".
PICKUP_PHONE	Text		Mandatory	Telephone number of pickup point. Pass only 10 DIGIT number without any spaces or any other character. For e.g., "0123456789"

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Field	Data Type	Field Length	Required ?	Comments
PICKUP_MOBILE	Text		Mandatory	Mobile number of pickup point. Pass only 10 DIGIT mobile number without any spaces or any other character. For e.g., "9999999999"
RETURN_NAME	Text	100	Mandatory	Return point name where package needs to be dropped in case of RTO/RTS.
RETURN_ADDRESS_LINE1	Text	400	Mandatory	Return point address line 1 from where package needs to be dropped in case of RTO/RTS.
RETURN_ADDRESS_LINE2	Text	400	Optional	Return point address line 2 from where package needs to be dropped in case of RTO/RTS.
RETURN_PINCODE	Text		Mandatory	Pincode of return point address. For testing, please pass the following pincode "111111".
RETURN_PHONE	Text		Mandatory	Telephone number of the return point. Pass only 10 DIGIT number without any spaces or any other character. For e.g., "0123456789".
RETURN_MOBILE	Text		Mandatory	Mobile number of Return Location contact person. Pass only 10 DIGIT mobile number without any spaces or any other character. For e.g., "9999999999".
DG_SHIPMENT	Text		Mandatory	Pass **"true"** in case shipment package contains any item that is restricted for air travel as per DGCA guidelines. Otherwise pass **"false"**
ADDITIONAL_INFORMATION: In this section, Client can pass GST information, value added services and some additional information along with request parameters.				
DELIVERY_TYPE	Text		Optional	For value added services pass the corresponding VAS code. E.g., To have next day delivery mention **"NDD".** VAS services are chargeable extra hence pass only when you have agreed on extra charges. For e.g., **"NDD"** otherwise pass the blank string i.e. "".
SELLER_TIN	Text		Optional	Seller TIN number.
INVOICE_NUMBER	Text		Mandatory	Invoice number of the shipment. For e.g., "EC-123456789".
INVOICE_DATE	Text		Mandatory	Invoice date in the format of "DD-MMM-YYYY". For e.g., "20-Aug-2018".
ESUGAM_NUMBER	Text		Optional	eSugam number for eligible shipments.

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Field	Data Type	Field Length	Required ?	Comments
ITEM_CATEGORY	Text	100	Optional	Item Category for the purposes of Octroi/GST/Entry Tax. For e.g., "Electronics"
PACKING_TYPE	Text		Optional	Type of packaging. Specify either Box or Flier. For e.g., "Box"
PICKUP_TYPE	Text		Optional	Pickup location type i.e. Warehouse or Market Place Seller. Specify WH for Warehouse and SL for Seller, RH for Regional handover. For e.g., "SL"
RETURN_TYPE	Text		Optional	Drop location type i.e. Warehouse or Market Place Seller. Specify WH for Warehouse and SL for Seller, RH for Regional handover. For e.g., "SL"
CONSIGNEE_ADDRESS_TYPE	Text		Optional	This key to consume Home/Commercial type for an address in manifest. Pass the "CONSIGNEE_ADDRESS_TYPE" with values "B" for Business and "R" for residences.
PICKUP_LOCATION_CODE	Text	20	Optional	Unique identifier for this pickup location (WH or Seller) to uniquely identify this pickup location. For e.g., "E-23487531"
SELLER_GSTIN	Text		Mandatory	Seller GST Number i.e. "GST205612846"
GST_HSN	Text		Mandatory	HSN code of ITEM, unique for each item. For e.g., "5612846"
GST_ERN	Text		Optional/ Mandatory	GST E-Waybill number, government is rolling out E-way bill generation effective 1st April 2018 for Inter-State as well as Intra-State supplies, it will be mandatory for shipment with value RS 50,000/- or above.
GST_TAX_NAME	Text		Mandatory	This filed is used to identify which GST tax has been collected? E.g. If the seller is in Haryana and sending shipment to Bangalore, then he must be charging Haryana IGST on his Invoice, Then Tax_name is HR IGST. Similarly, for a shipment sold by Mumbai seller to Pune buyer; local GST of Maharashtra will apply i.e. MH CGST and MH SGST. Please send these as Tax_name. For e.g., "HR IGST"
GST_TAX_BASE	Double		Mandatory	Total taxable shipment value on which GST has been deducted. For e.g., 20.0

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Field	Data Type	Field Length	Required ?	Comments
DISCOUNT	Double		Optional	Discount given on the item in absolute number. For e.g., 20.0
GST_TAX_RATE_CGSTN	Double		Mandatory	Rate of tax for CGSTN collection. e.g., 9.0
GST_TAX_RATE_SGSTN	Double		Mandatory	Rate of tax for SGSTN collection. e.g., 9.0
GST_TAX_RATE_IGSTN	Double		Mandatory	Rate of tax for SGSTN collection. e.g., 9.0
GST_TAX_TOTAL	Double		Mandatory	Total GST Collected. For e.g., 58.00
GST_TAX_CGSTN	Double		Mandatory	Central GST share out of total tax deducted. For e.g., 30.00
GST_TAX_SGSTN	Double		Mandatory	State GST share out of total tax deducted. For e.g., 28.00
GST_TAX_IGSTN	Double		Mandatory	Interstate GST share out of total tax. For e.g., 0.00
MULTI_SELLER_INFORMATION: "Multi-Seller Shipments" section to be used in case single shipment packet has got multiple items from same and different sellers. In case you have single item in single packet then don't use multi seller section at all. Just skip. In our API document we have mentioned both the payloads separately.				
ITEM_DESCRIPTION	Text	400	Mandatory	Item Description of the package. For e.g., "Iron"
ITEM_CATEGORY	Text	100	Mandatory	Item Category of the item for the purpose of Octroi/GST/Entry tax. For e.g., "Electronics"
ITEM_VALUE	Double		Mandatory	Declared value of this item. Total of all items under multi seller array should match with Declared value mentioned at header level. For e.g., 1000.0
SELLER_NAME	Text	50	Mandatory	Seller name of that item in the package. For e.g., "Cybershop1"
SELLER_ADDRESS	Text	400	Mandatory	Seller address.
SELLER_STATE	Text	20	Mandatory	Seller state. For e.g., "New Delhi"
SELLER_PINCODE	Text		Mandatory	Seller Pin Code. For e.g., "111111"
SELLER_TIN	Text		Optional	Seller TIN number.
INVOICE_NUMBER	Text		Mandatory	Invoice number of the shipment. For e.g., "EC-123456789".
INVOICE_DATE	Text		Mandatory	Invoice date in the format of "DD-MMM-YYYY". For e.g., "20-Aug-2018".
ESUGAM_NUMBER	Text		Optional	eSugam number for eligible shipments.

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Field	Data Type	Field Length	Required ?	Comments
SELLER_GSTIN	Text		Mandatory	Seller GST Number. For e.g., "GST205612846"
GST_HSN	Text		Mandatory	HSN code of ITEM, unique for each item. For e.g., "5612846"
GST_ERN	Text		Optional/ Mandatory	GST E-Waybill number, government is rolling out E-way bill generation effective 1st April 2018 for Inter-State as well as Intra-State supplies, it will be mandatory for shipment with value RS 50,000/- or above.
GST_TAX_NAME	Text		Mandatory	This filed is used to identify which GST tax has been collected? E.g. If the seller is in Haryana and sending shipment to Bangalore, then he must be charging Haryana IGST on his Invoice, Then Tax_name is HR IGST. Similarly, for a shipment sold by Mumbai seller to Pune buyer; local GST of Maharashtra will apply i.e. MH CGST and MH SGST. Please send these as Tax_name. For e.g., "HR IGST"
GST_TAX_BASE	Double		Mandatory	Total taxable shipment value on which GST has been deducted. For e.g., 20.0
DISCOUNT	Double		Optional	Discount given on the item in absolute number. For e.g., 20.0
GST_TAX_RATE_CGSTN	Double		Mandatory	Rate of tax for CGSTN collection. e.g., 9.0
GST_TAX_RATE_SGSTN	Double		Mandatory	Rate of tax for SGSTN collection. e.g., 9.0
GST_TAX_RATE_IGSTN	Double		Mandatory	Rate of tax for SGSTN collection. e.g., 9.0
GST_TAX_TOTAL	Double		Mandatory	Total GST Collected. For e.g., 58.00
GST_TAX_CGSTN	Double		Mandatory	Central GST share out of total tax deducted. For e.g., 30.00
GST_TAX_SGSTN	Double		Mandatory	State GST share out of total tax deducted. For e.g., 28.00
GST_TAX_IGSTN	Double		Mandatory	Interstate GST share out of total tax. For e.g., 0.00

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Sample Request Body

Sample Request Body (Normal Single item shipment)

```
&username=api_username&password=api_password&json_input=[{
        "AWB_NUMBER": "107249072",
        "ORDER_NUMBER": "107249072-001",
        "PRODUCT": "PPD",
        "CONSIGNEE": "Test API User",
        "CONSIGNEE_ADDRESS1": "H. No. A10",
        "CONSIGNEE_ADDRESS2": "Block-T",
        "CONSIGNEE_ADDRESS3": "Sector 39 Test",
        "DESTINATION_CITY": "GURGAON",
        "PINCODE": "111111",
        "STATE": "DL",
        "MOBILE": "1111111111",
        "TELEPHONE": "0123456789",
        "ITEM_DESCRIPTION": "Kids Bicycle",
        "PIECES": 1,
        "COLLECTABLE_VALUE": 0,
        "DECLARED_VALUE": 1000.0,
        "ACTUAL_WEIGHT": 0.5,
        "VOLUMETRIC_WEIGHT": 0,
        "LENGTH": 12,
        "BREADTH": 5,
        "HEIGHT": 2,
        "PICKUP_NAME": "Pickup Name 1",
        "PICKUP_ADDRESS_LINE1": "Pickup Addr 1 Changed",
        "PICKUP_ADDRESS_LINE2": "Pickup Addr 2 Changed",
        "PICKUP_PINCODE": "111111",
        "PICKUP_PHONE": "0123456789",
        "PICKUP_MOBILE": "1234567891",
        "RETURN_NAME": "Test Return Name 1",
        "RETURN_ADDRESS_LINE1": "Test Return Addr 1 Changed",
        "RETURN_ADDRESS_LINE2": "Test Return Addr 2 Changed",
        "RETURN_PINCODE": "111111",
        "RETURN_PHONE": "1111111111",
        "RETURN_MOBILE": "0123456789",
        "ADDONSERVICE": [""],
        "DG_SHIPMENT": "false",
        "ADDITIONAL_INFORMATION": {
                "DELIVERY_TYPE": "",
                "SELLER_TIN": "SELLER_TIN_1234",
                "INVOICE_NUMBER": "INVOICE_1234",
                "INVOICE_DATE": "09-06-2018",
                "ESUGAM_NUMBER": "eSUGAM_1234",
                "ITEM_CATEGORY": "ELECTRONICS",
                "PACKING_TYPE": "Box",
                "PICKUP_TYPE": "WH",
                "RETURN_TYPE": "WH",
                "CONSIGNEE_ADDRESS_TYPE": "WH",
                "PICKUP_LOCATION_CODE": "PICKUP_ADDR_002",
                "SELLER_GSTIN": "GISTN988787",
                "GST_HSN": "123456",
                "GST_ERN": "123456789123",
                "GST_TAX_NAME": "DELHI GST",
                "GST_TAX_BASE": 900.0,
                "DISCOUNT": 0.0,
                "GST_TAX_RATE_CGSTN": 5.0,
                "GST_TAX_RATE_SGSTN": 5.0,
                "GST_TAX_RATE_IGSTN": 0.0,
                "GST_TAX_TOTAL": 100.0,
                "GST_TAX_CGSTN": 50.0,
                "GST_TAX_SGSTN": 50.0,
                "GST_TAX_IGSTN": 0.0      }}]
```

Sample Request Body (Multi-Seller Shipments)

```
&username=api_username&password=api_password&json_input=[{"
                AWB_NUMBER": "107249073",
                "ORDER_NUMBER": "107249073-001",
                "PRODUCT": "PPD",
                "CONSIGNEE": "Test API User ",
                "CONSIGNEE_ADDRESS1": " H. No. A10",
                "CONSIGNEE_ADDRESS2": "Block-T",
                "CONSIGNEE_ADDRESS3": "Sector 39 Test",
```

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```
                "DESTINATION_CITY": "DELHI",
                "PINCODE": "111111",
                "STATE": "DL",
                "MOBILE": "1234567891",
                "TELEPHONE": "0123456789",
                "ITEM_DESCRIPTION": "Kids Bicycle + Air Pump",
                "PIECES": 1,
                "COLLECTABLE_VALUE": 0,
                "DECLARED_VALUE": 1000,
                "ACTUAL_WEIGHT": 0.5,
                "VOLUMETRIC_WEIGHT": 0,
                "LENGTH": 12,
                "BREADTH": 15,
                "HEIGHT": 20,
                "PICKUP_NAME": "Pickup Name 1",
                "PICKUP_ADDRESS_LINE1": "Pickup Addr 1 Changed",
                "PICKUP_ADDRESS_LINE2": "Pickup Addr 2 Changed",
                "PICKUP_PINCODE": "111111",
                "PICKUP_PHONE": "0123456789",
                "PICKUP_MOBILE": "1234567891",
                "RETURN_NAME": "Test Return Name 1",
                "RETURN_ADDRESS_LINE1": "Test Return Addr 1 Changed",
                "RETURN_ADDRESS_LINE2": "Test Return Addr 2 Changed",
                "RETURN_PINCODE": "111111",
                "RETURN_PHONE": "0123456789",
                "RETURN_MOBILE": "1234567891",
                "ADDONSERVICE": [""],
                "DG_SHIPMENT": "false",
                "ADDITIONAL_INFORMATION": {
                        "MULTI_SELLER_INFORMATION": [{
                        "DELIVERY_TYPE": "",
                        "ITEM_DESCRIPTION": "Kids Bicycle",
                        "ITEM_VALUE": 500,
                        "ITEM_CATEGORY": "TOY",
                        "SELLER_NAME": "Cybershop 1",
                        "SELLER_ADDRESS": "Addr1, Addr2, Addr3, Delhi, 110092",
                        "SELLER_STATE": "DL",
                        "SELLER_PINCODE": "110092",
                        "SELLER_TIN": "TIN123456789",
                        "INVOICE_NUMBER": "9811111111",
                        "INVOICE_DATE": "02-Jan-2017",
                        "ESUGAM_NUMBER": "SUG123456789",
                        "SELLER_GSTIN": "GISTN988787",
                        "GST_HSN": "123456",
                        "GST_ERN": "123456789123",
                        "GST_TAX_NAME": "DELHI GST",
                        "GST_TAX_BASE": 400.0,
                        "DISCOUNT": 0.0,
                        "GST_TAX_RATE_CGSTN": 5.0,
                        "GST_TAX_RATE_SGSTN": 5.0,
                        "GST_TAX_RATE_IGSTN": 0.0,
                        "GST_TAX_TOTAL": 100.00,
                        "GST_TAX_CGSTN": 50.00,
                        "GST_TAX_SGSTN": 50.00,
                        "GST_TAX_IGSTN": 0.0
                }, {
                        "ITEM_DESCRIPTION": "Air pump",
                        "ITEM_VALUE": 500,
                        "ITEM_CATEGORY": "HOME APPLIANCE",
                        "SELLER_NAME": "Cybershop 2",
                        "SELLER_ADDRESS": "Addr1, Addr2, Addr3, Hyderabad, 412345",
                        "SELLER_STATE": "AP",
                        "SELLER_PINCODE": "412345",
                        "SELLER_TIN": "TIN123456789",
                        "INVOICE_NUMBER": "INV123456789",
                        "INVOICE_DATE": "02-Jan-2017",
                        "ESUGAM_NUMBER": "SUG123456789",
                        "SELLER_GSTIN": "GISTN988787",
                        "GST_HSN": "123456",
                        "GST_ERN": "123456789123",
                        "GST_TAX_NAME": "DELHI GST",
                        "GST_TAX_BASE": 400.0,
                        "DISCOUNT": 0.0,
                        "GST_TAX_RATE_CGSTN": 5.0,
                        "GST_TAX_RATE_SGSTN": 5.0,
                        "GST_TAX_RATE_IGSTN": 0.0,
                        "GST_TAX_TOTAL": 100.00,
                        "GST_TAX_CGSTN": 50.0,
                        "GST_TAX_SGSTN": 50.0,
                        "GST_TAX_IGSTN": 0.0
                }]

        }}]
```

Ecom API Integration

Sample Response Body

HTTP/1.1 200 OK
Date: Tue, 20 Aug 2018 11:35:46 GMT
Vary: Cookie
Transfer-Encoding: chunked
Content-Type: application/json

Sample Response Body (in case of success)

Sample Response Body (In case of Success):

{"shipments": **[{"reason": "Updated Successfully"**, "order_number": "706409098-001", "awb": "706409098", **"success": true**}]}

Sample Response Body (in case of failure)

HTTP/1.1 200 OK
Date: Sun, 29 Jan 2017 13:41:29 GMT
Vary: Cookie, Accept-Encoding
Transfer-Encoding: chunked
Content-Type: text/html; charset=utf-8

Sample Response Body (In case of Invalid Awb Number):

{"shipments": [{"reason": "**INCORRECT_AWB_NUMBER**", "order_number": "251378181-001", "awb": "25138181", **"success": false**}]}

Sample Response Body (In case of Invalid Product type):

{"shipments": [{"reason": "**INVALID_PRODUCT_TYPE**,", "order_number": "251378181-001", "awb": "251378181", **"success": false**}]}

Sample Response Body (In case of AWB Number not passed in quotes):

{"shipments": [{"reason": "object of type **'int' has no len ()",** "order_number": "", "awb": "", **"success": false**}]}

Sample Response Body (In case of CONSIGNEE_PINCODE not serviceable):

{"shipments": [{"reason": "**CONSIGNEE_PINCODE_NOT_SERVICED**,", "order_number": "251378181-001", "awb": "251378181", **"success": false**}]}

Sample Response Body (In case of PPD (Prepaid) shipments, if the payment mode is prepaid or collectable value is greater than 0 then you will get below response):

{"shipments": [{"reason": "**PPD_COLLECTABLE_VALUE_SHOULD_BE_ZERO!**", "order_number": "251378181-001", "awb": "251378181", **"success": false**}]}

Sample Response Body (In case of COD (Cash on delivery) shipments, pass the amount which needs to be collected from consignee. Collectable value should be greater than ZERO. Otherwise you will get below response):

{"shipments": [{"reason": "**INVALID_COLLECTABLE_VALUE**,", "order_number": "933117679-001", "awb": "933117679**, "success": false**}]}

Ecom API Integration

Sample Response Body (In case of Invalid phone and mobile number):

{"shipments": [{"reason": "**invalid literal for int () with base 10**: '+91-1111111111'", "order_number": "","awb": "", **"success": false**}]}

Sample Response Body (In case of Invalid pickup pincode):

{"shipments": [{"reason": "**DESTINATION_PINCODE_NOT_SERVICED,**", "order_number": "933117679-001","awb": "933117680", **"success": false**}]}

Sample Response Body (In case of Invalid return pincode):

{"shipments": [{"reason": "**RETURN_PINCODE_NOT_SERVICED,**", "order_number": "933117679-001", "awb": "933117680", **"success": false**}]}

Sample Response Body [In case of Invalid pickup and return pincode (both)]:

{"shipments": [{"reason": "**DESTINATION_PINCODE_NOT_SERVICED, RETURN_PINCODE_NOT_SERVICED,**", "order_number": "933117679-001", "awb": "933117680", **"success": false**}]}

Sample Response Body (If the shipment value of the return is >=50k we will be passing a Eway bill number and GST Parameters are mandatory otherwise you will get below response):

{"shipments": [{"reason": "**global name 'awb_detail' is not defined,**", "order_number": " ", "awb": " **", "success": false**}]}

Sample Response Body [In case of Item description key's values is removed (blank string removed for this parameter value)]:

{"shipments": [{"reason": "ITEM**_DESCRIPTION not provided! ,**", "order_number": "933117679-001", "awb": "933117680", **"success": false**}]}

Sample Response Body (In case of Invalid Input):

{"shipments": **[{"reason": "AIRWAYBILL_NUMBER_ALREADY_EXISTS,"**, "order_number": "706409098-001", "awb": "706409098", **"success": false**}]}

Sample Response Body (In case of Server Exception):

{"shipments": [{"reason": "**invalid literal for int () with base 10: 'dsdcdcdsc'**", "order_number": "", "awb": "", **"success": false**}]}

Other Failure Reason Codes

Code	Reason
INCORRECT_AWB_NUMBER	The given AWB number is not valid.
CONSIGNEE_PINCODE_NOT_SERVICED	Consignee Pin Code is not serviceable
INVALID_PRODUCT_TYPE	Product type is invalid. It needs to be COD or PPD.
ITEM_VALUE_TOTAL_MISMATCH	Total declared value at shipment level is not matching with total of all items under all items in Multi seller shipments.
COLLECTABLE_VALUE_HIGHER_THAN_200000	Collectable value is more than 1,99,000. As per IT rules it cannot be collected in cash.
DESTINATION_PINCODE_NOT_SERVICED	Destination/Pickup pin code is not serviceable.
RETURN_PINCODE_NOT_SERVICED	Return pin code is not serviceable.

Ecom API Integration

SHIPMENT CANCELLATION API

Introduction

Shipment cancellation API allows cancellation of already manifested shipments. If the shipment is not out for delivery, Ecom system puts a lock to the shipment and no delivery attempts made after this. Wherever it is there in Ecom network, reverse journey starts.

API Details

Head	Description
Name	Shipment Cancellation API
HTTP Method	Post
Output Format	JSON
Test Server URL	*Please contact Ecom IT team for Staging server URL*
Test Server Credentials	*Please contact Ecom IT team for staging server credentials*
Staging Server Security	*Customers need to share their respective server, public IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*
Live server URL	*Please contact Ecom IT team for Live server URL*
Live server Credentials	*Please contact Ecom IT team for live server credentials*
Live Server Security	*Customers need to share their respective Production server IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*

Request and Response Details

Request Parameters

Field	Data Type	Required	Description	Special Instructions
username	Text	Mandatory	This is the API username to access the APIs	The value must be URL encoded while passing in API request body
password	Text	Mandatory	Password corresponding to the username	The value must be URL encoded while passing in API request body
awbs	Integer	Mandatory	Enter the waybill number for shipment cancellation	For multiple AWB number, Comma separated is must.

Ecom API Integration

Response Format

Field	Data Type	Description	Sample
reason	Text	Null in case of shipment cancellation successfully done otherwise shipment cancellation not done and generate reason.	Reason is blank "reason": "", means shipment canceled.
awb	Integer	Ecom AWB number. PPD (For Prepaid Waybill Numbers), COD (For COD Waybill Numbers)	It can be COD ,PPD and REV
success	Boolean	True in case of shipment cancelled otherwise false.	true

Sample Request Body

For single shipment

username=api_username&password=api_password&awbs=106034649

For multiple shipments

username=api_username&password=api_password&awbs=103086824,103086825

Sample Response Format

HTTP/1.1 200 OK
Date: Sun, 29 Jan 2017 13:26:52 GMT
Vary: Cookie
Transfer-Encoding: chunked
Content-Type: application/json

Sample Response Body (in case of success)

Sample Response Body (in case of success)

{"shipments": [{"reason": "", "awb": "103086824", "Success": true}

Ecom API Integration

Sample Response Body (in case of failure)

HTTP/1.1 200 OK
Date: Wed, 25 Jan 2017 13:41:29 GMT
Vary: Cookie, Accept-Encoding
Transfer-Encoding: chunked
Content-Type: text/html; charset=utf-8

Sample Response Body (In case of AWB Number already cancelled):

[{"reason": "SHIPMENT_ALREADY_CLOSED", "order_number": "EC-07865", "awb": "518548620", "success": false}]

Sample Response Body (In case of AWB Number already delivered):

[{"reason": "AIRWAYBILL_NUMBER_ALREADY_DELIVERED ", "order_number": "EC-07865", "awb": "518548620", "success": false}]

Sample Response Body (In case of invalid AWB Number):

[{"reason": "INVALID_AWB_NUMBER", "order_number": "", "awb": "51854867", "success": false}]

Sample Response Body (In case passing Wrong user name and wrong password):

Unauthorized Request

List of error messages will be in the following format, e.g., for AWB_NUMBER:

INVALID_AWB_NUMBER
AIRWAYBILL_NUMBER_ALREADY_DELIVERED
AIRWAYBILL_NUMBER_OUT_FOR_DELIVERY
AIRWAYBILL_NUMBER_RETURNED

Ecom API Integration

NDR DATA API (Re-Attempt or Cancel)

Introduction

This API will take NDR instructions which can be either RAD i.e. Re-Attempt and deliver OR RTO i.e. Cancellation. The payload for this is fixed as per Ecom specifications.

API Details

Head	Description
Name	NDR Data Pushing API
HTTP Method	Post
Output Format	JSON
Test Server URL	*Please contact Ecom IT team for Staging server URL*
Test Server Credentials	*Please contact Ecom IT team for staging server credentials*
Staging Server Security	*Customers need to share their respective server, public IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*
Live server URL	*Please contact Ecom IT team for Live server URL*
Live server Credentials	*Please contact Ecom IT team for live server credentials*
Live Server Security	*Customers need to share their respective Production server IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*

Request and Response Details

Request Parameters

Field	Data Type	Required	Description	Special Instructions
username	Text	Mandatory	This is the API username to access the APIs	The value must be URL encoded while passing in API request body
password	Text	Mandatory	Password corresponding to the username	The value must be URL encoded while passing in API request body
json_input	Text	Mandatory	This is the actual shipment information in JSON format. Multiple shipments can be passed through this JSON.	All parameter values in this JSON should be URL Encoded.

Ecom API Integration

Field Details:

Field	Data Type	Required	Description
awb	STRING (10)	Mandatory	Is the AWB Number of the manifested shipment which needs to be re-attempted or cancelled.
instruction	Text (10)	Mandatory	NDR instruction. Can be RAD or RTO. RAD: Reattempt, RTO: Cancellation/ Return to Origin.
comments	Text (500)	Mandatory	Any textual comments specifying the reasons for Re-attempt or Cancellation. This is useful for future references.
scheduled_delivery _date	Text (20)	Mandatory /Optional	Pass the date information only in case of RAD i.e., for re-attempt. Date can be passed in "YYYY-MM-DD" OR "DD-MMM-YYYY" format. For e.g.,"2018-12-25" OR "25-DEC-2018. The tag can be removed in case the instruction is for RTO i.e., Cancellation. Refer to the sample request body on next page for reference.
scheduled_delivery _slot	Text (20)	Mandatory /Optional	Pass the Slot information only in case of RAD i.e., for re-attempt. Pass "1" if the re-attempt is between 8:00 am – 12:00 pm. Pass "2" for re-attempt between 12:00– 04:00 pm. Pass "3" for re-attempt between 4:00 - 08:00 pm. The tag can be removed in case the instruction is for RTO i.e., Cancellation. Refer to the sample request body on next page for reference.

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Sample Request Body

```
[{
        "awb": "706602997",
        "comments": "today",
        "instruction": "RTO"
}, {
        "awb": "706602998",
        "comments": "deliver it today asap",
        "scheduled_delivery_date": "2018-08-30",
        "scheduled_delivery_slot": "1",
        "instruction": "RAD"
}, {
        "awb": "706603000",
        "comments": "deliver it tonight, consignee need it asap",
        "instruction": "RAD"
}]
```

Sample Response Body

Sample Response Body (in case of success)

[{"status": true, "awb": "706602997"}, {"status": true, "awb": "706602998"}, {"status": true, "awb": "706603000"}]

Sample Response Body (in case of failure)

```
HTTP/1.1 200 OK
Date: Wed, 10 Oct 2018 13:41:29 GMT
Vary: Cookie, Accept-Encoding
Transfer-Encoding: chunked
Content-Type: text/html; charset=utf-8
```

Blank Value in Slot and Date:

[{"status": false,"awb": "1000863041","error": ["Invalid slot value","Invalid date Value"]}]

Blank AWB:

[{"status": false,"awb": "","error": ["awb is mandatory"]}]

Value other than RTO or RAD:

[{"status": false,"awb": "123123123","error": ["Invalid instruction (neither RTO or RAD)"]}]

Blank Instruction:

[{"status": false,"awb": "123123123","error": ["instruction is mandatory"]}]

Ecom API Integration

Incorrect Slot Value:

[{"status": false,"awb": "123123123","error": ["Invalid Slot Value"]}]

Incorrect Date Value:

[{"status": false,"awb": "123123123","error": ["Incorrect Date Format"]}]

Back Date:

[{"status": false,"awb": "123123123","error": ["Invalid Date Value"]}]

Already Cancellation applied:

[{"status": false,"awb": "123123123","error": ["Shipment already have RTO lock"]}]

Generic error response are given below:

- error = scheduled_delivery_date cannot be more than 15 days ahead: if scheduled_delivery_date is more than 15 days from today than it will throw this error.
- error = cannot reschedule forward shipment at this stage: shipment has to be undelivered first than only you can reschedule it.
- error = 'Key Error': 'awb is mandatory': If awb keys is missing.
- error = 'Key Error' : 'instruction is mandatory' : If instruction key is missing.
- error = Instruction Error": Invalid instruction (neither RTO or RAD): If instruction is neither RTO or RAD.
- error = 'error':' cannot reschedule forward shipment at this stage': If shipment is out for delivery.
- error = 'error':' Reverse shipment cannot be rescheduled': If shipment type is reverse.
- error = 'error': 'User is not authenticated': If user credential are not given or invalid credential.
- error = "Shipment is already in close status" : If shipment has closure code or in close state.
- error = "Shipment Not found with this awb": If awb is not found.
- error = "Shipment already have RTO lock : If shipment is already having RTO.
- error = "Airwaybill Number is out For Delivery/Pickup": If shipment is out for delivery or for pickup.
- error = "REVERSE SHIPMENT PICKED" : If shipment type is reverse.
- error = "Shipment is already in close status": If shipment has closure code or in close state.
- error = 'scheduled_delivery_date':'Invalid date Value': if the data format is invalid.

Ecom API Integration
SHIPMENT TRACKING API (Pull API)

Introduction

Tracking API allows customers to fetch shipment status. Options are available to fetch only the header details with status or with all the scans. Multiple shipments can be tracked via AWB number or Order reference number in one go (maximum 25 awb no. in a request).

API Details

Head	Description
Name	Shipment Tracking API
HTTP Method	**Post**
Output Format	XML
Test Server URL	*Please contact Ecom IT team for Staging server URL*
Test Server Credentials	*Please contact Ecom IT team for staging server credentials*
Live server URL	*Please contact Ecom IT team for Live server URL*
HTTP Method	**GET**
Test Server URL	https://xxxxx.xxxxxx.in/track_me/api/mawbd/?awb=awbnumber&order =ordernumber&username=api_username&password=api_password
Live server URL	*Please contact Ecom IT team for Live server URL*
Live server Credentials	https://xxxxx.xxxxxx.in/track_me/api/mawbd/?awb=awbnumber&order =ordernumber&username=liveusername&password=livepassword
Staging Server Security	*Customers need to share their respective server, public IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*
Live Server Security	*Customers need to share their respective Production server IPs for whitelisting. Requests Only from whitelisted IP will be serviced by Ecom servers.*

Important Notes:

All parameter values need to be URL encoded.

Tracking API allows customers to fetch shipment status. Options are available to fetch only the header details with status or with all the scans. Status field can be blank, at your end all the logic should be at "reason_code_number" field. Refer to the Ecom Shipment Status Codes Groups v2.4 (excel file) for reason code List.

Multiple shipments can be tracked via AWB number or Order reference number in one go (maximum 25 awb no. in a request).

In RTO Case, we issue separate AWB. We redirect shipment to back to your warehouse under a NEW airway bill. The original AWB lifecycle ends at 777 statuses. New AWB (we call it Ref. AWB) gets delivered to your warehouse and status gets updated to 999 i.e. delivered.

Used (manifested) AWB Number will not be track after 6 months.

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Request and Response Details

Request Parameters

Field	Data Type	Required	Description	Special Instructions
username	Text	Mandatory	This is the API username to access the APIs	The value must be URL encoded while passing in API request body
password	Text	Mandatory	Password corresponding to the username	The value must be URL encoded while passing in API request body
awb	Integer	Mandatory	Enter the number of AWB to be Track (comma separated for multiple Airwaybill number e.g. 102019265,80005448)	Should be blank if you want to query using order number. Note -To Track Multiple AWB Number, please use as Comma separated
Order	Alphanumeric	Optional	Enter the number of order number to be Track (comma separated for multiple order number e.g. 671189, DW-23133)	Should be blank if you want to query using awb number. Note -To Track Multiple Order Number, please use as Comma separated

Sample Request Body

(Method Post)

Method: Post

username=api_username&password=api_password&awb=106752031

Sample Request Body (Method Get)

Method: Get

http://xxxxxx.xxxxxxxx.in/track_me/api/mawbd/?awb=106752031&order=&username=api_userna
mr&password=api_password

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Sample Response Body

```
<ecomexpress-objects version="1.0">
<object pk="1" model="awb">
<field type="BigIntegerField" name="awb_number">106752031</field>
<field type="CharField" name="orderid">706409098-001</field>
<field type="FloatField" name="actual_weight">0.5</field>
<field type="CharField" name="origin">DELHI-DSW</field>
<field type="CharField" name="destination">DELHI-DSW</field>
<field type="CharField" name="current_location_name">DELHI-DSW</field>
<field type="CharField" name="current_location_code">DSW</field>
<field type="CharField" name="customer">Ecom Express Private Limited - 32012</field>
<field type="CharField" name="consignee">Suraj Sud</field>
<field type="CharField" name="pickupdate">19-Dec-2017</field>
<field type="CharField" name="status">Delivered / Closed</field>
<field type="CharField" name="tracking_status">Delivered</field>
<field type="CharField" name="reason_code">999 - Delivered</field>
<field type="CharField" name="reason_code_description">Delivered</field>
<field type="CharField" name="reason_code_number">999</field>
<field type="CharField" name="receiver">flip kart (09090909) : Android</field>
<field type="CharField" name="expected_date">22-Dec-2017</field>
<field type="CharField" name="last_update_date">19-Dec-2017</field>
<field type="CharField" name="delivery_date">2017-12-19 11:22:00</field>
<field type="CharField" name="ref_awb">106752025</field>
<field type="CharField" name="rts_shipment">1</field>
<field type="CharField" name="system_delivery_update">2017-12-19 11:23:17</field>
<field type="CharField" name="rts_system_delivery_status">Undelivered</field>
<field type="CharField" name="rts_reason_code_number">777</field>
<field type="CharField" name="rts_last_update">19 Dec, 2017, 10:54 </field>
<field type="CharField" name="pincode">110037</field>
<field type="CharField" name="city">DELHI</field>
<field type="CharField" name="state">New Delhi</field>
<field name="scans">
<object pk="1" model="scan_stages">
<field type="DateTimeField" name="updated_on">19 Dec, 2017, 11:23 </field>
<field type="CharField" name="status">Shipment delivered</field>
<field type="CharField" name="reason_code">999 - Delivered</field>
<field type="CharField" name="reason_code_number">999</field>
<field type="CharField" name="scan_status">HOLD</field>
<field type="CharField" name="location">DSW</field>
<field type="CharField" name="location_city">DELHI</field>
<field type="CharField" name="location_type">Service Center</field>
<field type="CharField" name="city_name">DELHI</field>
<field type="CharField" name="Employee">Dhananjay Kumar - 33003</field>
</object>


<object pk="2" model="scan_stages">
<field type="DateTimeField" name="updated_on">19 Dec, 2017, 10:57 </field>
<field type="CharField" name="status">
Shipment out for delivery, assigned to Employeesantoshkumar
</field>
<field type="CharField" name="reason_code"> - </field>
<field type="CharField" name="reason_code_number">006</field>
<field type="CharField" name="scan_status">OUT</field>
<field type="CharField" name="location">DSW</field>
<field type="CharField" name="location_city">DELHI</field>
<field type="CharField" name="location_type">Service Center</field>
<field type="CharField" name="city_name">DELHI</field>
<field type="CharField" name="Employee">santosh kumar - 32578</field>
</object>
```

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```
<object pk="3" model="scan_stages">
<field type="DateTimeField" name="updated_on">19 Dec, 2017, 10:56 </field>
<field type="CharField" name="status">Shipment in-scan at DC</field>
<field type="CharField" name="reason_code"> - </field>
<field type="CharField" name="reason_code_number">005</field>
<field type="CharField" name="scan_status">IN</field>
<field type="CharField" name="location">DSW</field>
<field type="CharField" name="location_city">DELHI</field>
<field type="CharField" name="location_type">Service Center</field>
<field type="CharField" name="city_name">DELHI</field>
<field type="CharField" name="Employee">santosh kumar - 32578</field>
</object>
<object pk="4" model="scan_stages">
<field type="DateTimeField" name="updated_on">19 Dec, 2017, 10:54 </field>
<field type="CharField" name="status">Shipment Picked Up</field>
<field type="CharField" name="reason_code">777 - RTS - Return To Shipper</field>
<field type="CharField" name="reason_code_number">0011</field>
<field type="CharField" name="scan_status">HOLD</field>
<field type="CharField" name="location">DSW</field>
<field type="CharField" name="location_city">DELHI</field>
<field type="CharField" name="location_type">Service Center</field>
<field type="CharField" name="city_name">DELHI</field>
<field type="CharField" name="Employee">santosh kumar - 32578</field>
</object>
</field>
</object>
</ecomexpress-objects>
```

Ecom API Integration

SHIPMENT STATUS API (PUSH)

Introduction

Push API is used to push status changes for shipments as and when any update happens in Ecom system. This is achieved by pushing individual scans to web services developed and maintained by customers. To consume the status information, Customers must develop and maintain web service.

This API validation is based upon the username/password or Key.

API Details

Will be provided by Client to Ecom Express.

Required Information from customer

HTTP Method: POST

Authentication Type: Protocol Basic Auth

URL: Provided by Customer i.e. https://Customerportal.com

Username: Provided by Customer.

Password: Provided by Customer.

Payload

```
{
"awb": "AWB_NUMBER",
"datetime": "YYYY-mm-dd H:M:S",
"status": "remark",
"reason_code": "777 - RTS - Return To Shipper",
"reason_code_number": "777",
"location": "JRD",
"Employee": "Name of Employee",
"status_update_number": "44591782",
"order_number": "ORDER_NUMBER",
"city": "Vadodara",
"ref_awb": ""
}
```

Ecom API Integration

Sample Response: Success Case

```
{
        "awb": "AWB_NUMBER",
        "status": true,
        "status_update_number": 1898982
}
```

Failure Responses:

```
{
        "awb": "AWB_NUMBER",
        "status": false,
        "reason": Reason,
        "status_update_number": 1898982
}
```