# **Shipments Endpoint Documentation**

## **Overview**:

The Shipments endpoint is a critical component of the ShipTime. This endpoint facilitates the creation of a shipment based on user input and the specific carrier-service selected during the quote step. The objective is to seamlessly post a request to create a shipment and provide users with essential details such as the ShipID and a URL to the PDF.

## **Endpoint Details**:

- \*\*Endpoint:\*\* `/shipments`

- \*\*Method:\*\* `POST`

## **Input Parameters**:

1. \*\*User Information (From Quote Step):\*\*

- \*\*Type:\*\* JSON Object

- \*\*Fields:\*\*

- `packageDimensions` (Object): Package dimensions.

- `weight` (double): Weight of the package.

- `originAddress` (Object): Origin address details.

- `destinationAddress` (Object): Destination address details.

- `packageType` (string): Type of the package.

- `shippingDate` (string): Date when the package will be shipped.

2. \*\*Carrier-Service Selection:\*\*

- \*\*Type:\*\* JSON Object

- \*\*Fields:\*\*

- `courier` (string): Selected courier.

- `service` (string): Selected service.

## Output:

The endpoint outputs essential details about the created shipment, including:

- \*\*ShipID:\*\* Unique identifier for the shipment.

- \*\*PDF URL:\*\* URL to the PDF document associated with the shipment.

ShipResponse{

description:

Represents results of request to create a shipment

shipId integer($int32)

Shipment Id

trackingNumbers [

List of Tracking Numbers

string]

labelUrl string

Label URL

invoiceUrl string

Invoice URL

carrierTrackingUrl string

Carrier Tracking URL

pickupConfirmation string

Pickup Confirmation

messages [

Messages

string]

}

## **Example Usage**:

### **Request**:

```json

curl --location 'https://restapi.appspaces.ca/rest/shipments/' \

--header 'accept: application/json' \

--header 'Content-Type: application/json' \

--header 'Authorization: Basic bmFndmVtdWFwYWxsaUBnbWFpbC5jb206UGFzc3dvcmQxMjM=' \

--data-raw '{ "rateRequest": { "from": { "companyName": "abc", "streetAddress": "32lewishoneydrive", "streetAddress2": "strata", "city": "Aurora", "countryCode": "CA", "state": "ON", "postalCode": "L4G0J4", "attention": "kna", "email": "nagvemuapalli@gmail.com", "phone": "778 302 7883", "instructions": "carry", "residential": true, "notify": true }, "to": { "companyName": "def", "streetAddress": "1589 E59th Ave", "streetAddress2": "St", "city": "Vancouver", "countryCode": "CA", "state": "BC", "postalCode": "V5P2G8", "attention": "kgn", "email": "rao@gmail.com", "phone": "228 968 6869", "instructions": "left", "residential": true, "notify": true }, "packageType": "PACKAGE", "lineItems": [ { "length": 16.32, "width": 18.45, "height": 19.26, "weight": 30.732, "declaredValue": { "currency": "CAD", "amount": 9006 }, "description": "Ran", "nmfcCode": "string", "freightClass": "string" } ], "unitOfMeasurement": "IMPERIAL", "serviceOptions": [ "APPOINTMENT" ], "shipDate": "2023-11-17T04:20:40.432Z", "insuranceType": "SHIPTIME", "customsInvoice": { "invoiceContact": { "companyName": "str", "streetAddress": "123 mableave", "streetAddress2": "ran", "city": "Toronto", "countryCode": "CA", "state": "ON", "postalCode": "L4G0J4", "attention": "rma", "email": "kan@gmail.com", "phone": "228 986 7409", "instructions": "set", "residential": true, "notify": true, "customsBroker": "ban", "shipperTaxId": "can12" }, "dutiesAndTaxes": { "dutiable": true, "paidBy": "CONSIGNEE" }, "currency": "CAD", "invoiceItems": [ { "quantity": 1, "code": "123456", "description": "left", "origin": "Toronto", "provinceOrState": "Ontario", "unitPrice": 1, "weight": 30.62 } ], "reasonForExport": "COMMERCIAL" } }, "carrierId": "14", "serviceId": "1", "quoteId": "fon", "pickupDetail": { "location": "FrontDoor", "otherLocation": "lan", "pickupDate": "2023-11-09", "readyTime": "12:15", "closeTime": "18:00" }, "ref1": "string", "ref2": "string"}'

```

### **Response**:

```json

{

"shipId": 4826042,

"trackingNumbers": [

"D420917200000003585001"

],

"labelUrl": "http://restapi.appspaces.ca/rest/shipments//4826042/label",

"carrierTrackingUrl": "https://www.canpar.com/en/track/TrackingAction.do?locale=en&type=0&shipper\_num=42091720&reference=D420917200000003585001",

"pickupConfirmation": "6095256",

"messages": [

"'SHIPTIME' Insurance not applicable, insurance set to 'CARRIER'"

]

}

```

## **Conclusion**:

The Shipments endpoint is designed to create a shipment seamlessly, incorporating user input from the quote step and the specific carrier-service selected. This documentation serves as a guide for developers to understand the required input parameters, endpoint details, and the structure of the output response, including the ShipID and PDF URL associated with the created shipment.