

# Amazon API

## Frequently Asked Questions

Amazon Shipping API FAQs to address some of the pre and post-integration related queries

*If your integration query isn't answered in the FAQs, please create a support ticket here: [Developer Central](#)*

### Integration Related FAQ

#### Recommended tool for integration?

- We recommend Postman for testing APIs since it has the support to make the calls with OAuth 2.0. Sample Postman Collections and Postman Environments files are available in JSON format - [Postman Collection](#) and [Environment](#).

#### Is channelDetails required for both Amazon and off-Amazon orders?

- Yes, channelDetails is required for both Amazon and off-Amazon orders since it contains channelType which is a mandatory field. channelType value should be set as “AMAZON” for all on-Amazon orders and as “EXTERNAL” for off-Amazon orders. Additionally, Amazon Order ID field value is mandatory for all On-Amazon orders. For additional details please refer ["Get Rates for a Shipment"](#).

#### Is itemValue field mandatory?

- While generating Shipping labels, passing a value in the itemValue field is mandatory. Off-Amazon shippers should send a price to generate labels and if no value is available, then it is recommended to default the value to \$1 for generating the label.

#### What if I provide no values for returnTo Address or shipDate while calling the getRates Operation/API?

- shipFrom value will be considered for returnTo and currentDate and time will be considered for shipDate.

#### What is the recommended label format for the shippers?

- We recommend that the shippers use .zpl format (supported by the Amazon shipping APIs) since it has a lower latency. The other supported label formats are “PDF” and “PNG”. In terms of latency, ZPL is the fastest followed by PDF and PNG. Refer the API Swagger model for the complete list.  
*Please note that you will need a Zebra printer to print ZPL labels. Please validate the dpi requirement of the Zebra printer.*

#### What are some of the key things to consider during integration?

- Provide the details related to serviceID for both On-Amazon & Off-Amazon orders. ServiceID can be found in the GetRates API response for each of the returned rates.
- shipDate parameter is OPTIONAL, don't pass it if you are unsure of how to use it. shipDate should ONLY be used for future shipments.

- If you are a multi-warehouse shipper and have more than 1 warehouse address registered with Amazon, then please make sure that the “shipFrom” address should have the address of the registered warehouse from where the pickups are expected to take place.

### **Can Amazon Shipping API be integrated through EDI?**

- No, Amazon Shipping API is built on the Selling Partner API (SP-API) and the registration process and integration is described in the [Selling Partner Developer Guide](#).

### **How do I get an access token for the API requests?**

- A Login with Amazon (LWA) access token authorizes your application to take certain actions on behalf of a selling partner. An access token expires one hour after it is issued, and must be included with every request to the Selling Partner API. (*For more information, see the Connecting to the Selling Partner API within the [Selling Partner Developer Guide](#).*)

### **When does the Access Token and Refresh Token expire?**

- Access Token: It expires 1 hour after it is generated. New Access Token should be generated once it is expired.
- Refresh Token: It doesn't expire. Refresh Token should be exchanged to get a new Access Token.

### **What are the Sandbox and Production hosts for Amazon Shipping v2 API?**

#### **EU (UK, FR, IT, ES) Marketplace:**

Region	Amazon Shipping Sandbox Host	Amazon Shipping Production Host
EU	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com">https://sandbox.sellingpartnerapi-eu.amazon.com</a>	<a href="https://sellingpartnerapi-eu.amazon.com">https://sellingpartnerapi-eu.amazon.com</a>

#### **US Marketplace:**

Region	Amazon Shipping Sandbox Host	Amazon Shipping Production Host
NA	<a href="https://sandbox.sellingpartnerapi-na.amazon.com">https://sandbox.sellingpartnerapi-na.amazon.com</a>	<a href="https://sellingpartnerapi-na.amazon.com">https://sellingpartnerapi-na.amazon.com</a>

### **Sandbox and Production endpoints for Amazon Shipping v2 API?**

#### **EU (UK, FR, IT, ES) Marketplace:**

Region	API Name	Call Type	Amazon Shipping Sandbox Endpoints
EU	GetRatesV2	POST	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v1/rates">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v1/rates</a>
EU	PurchaseShipment	POST	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v1/purchase-shipment">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v1/purchase-shipment</a>

Region	API Name	Call Type	Amazon Shipping Sandbox Endpoints
EU	OneClickShipment (Smart Purchase)	POST	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipment-orders">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipment-orders</a>
EU	GetTrackingV2	GET	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/tracking?trackingId={trackingId}">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/tracking?trackingId={trackingId}</a>
EU	GetShipmentDocuments	GET	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipments/{shipmentId}/documents">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipments/{shipmentId}/documents</a>
EU	CancelShipmentV2	PUT	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipments/{shipmentId}/cancel">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipments/{shipmentId}/cancel</a>
EU	getAccessPoints	GET	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/access-points">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/access-points</a>
EU	getAdditionalInputs	GET	<a href="https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipments/{shipmentId}/additional-inputs">https://sandbox.sellingpartnerapi-eu.amazon.com/shipping/v2/shipments/{shipmentId}/additional-inputs</a>

#### US Marketplace:

Region	API Name	Call Type	Amazon Shipping Sandbox Endpoints
NA	GetRatesV2	POST	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/rates">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/rates</a>
NA	PurchaseShipment	POST	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipment-orders">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipment-orders</a>
NA	OneClickShipment (Smart Purchase)	POST	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipment-orders">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipment-orders</a>
NA	GetTrackingV2	GET	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/tracking?trackingId={trackingId}">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/tracking?trackingId={trackingId}</a>
NA	GetShipmentDocuments	GET	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipments/{shipmentId}/documents">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipments/{shipmentId}/documents</a>
NA	CancelShipmentV2	PUT	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipments/{shipmentId}/cancel">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipments/{shipmentId}/cancel</a>
NA	getAdditionalInputs	GET	<a href="https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipments/{shipmentId}/additional-inputs">https://sandbox.sellingpartnerapi-na.amazon.com/shipping/v2/shipments/{shipmentId}/additional-inputs</a>

I am getting "**Access to requested resource is denied.**" when making an API call to "GetTrackingV2" OR "GetShipmentDocuments"?

- "GetTrackingV2" OR "GetShipmentDocuments" are GET operations. The code: Unauthorized is displayed if POST operation is used for these APIs.

**Can I send multiple "packages" elements in the getRates request? So for example if a customer wanted to ship multiple parcels with different weights/dimensions?**

- No, Amazon Shipping currently supports a single getRates request per package. If there are more than 1 packages being shipped to the same address, please make the getRates request for each package and subsequent purchaseShipment calls to generate the label.
- In future, we plan to expand the getRates capabilities to handle multiple packages.

**What are the label formats available for Amazon Shipping labels via the API integration?**

**Supported label formats for ON Amazon request - PDF, PNG, ZPL (203 and 300 DPI)**

**Supported label formats for OFF Amazon request - PDF, PNG, ZPL (203 and 300 DPI)**

**Can I send a hard coded dimensions OR weight in getRates request?**

- No, Amazon Shipping API calculates the rates/ delivery options based on accurate dimensions and weight. Please ensure to send accurate dimensions and weight in the getRates request.

**Is there a list of FAQs I can refer to when I have questions regarding how to create the developer profile?**

- Yes. Please refer to this link [Developer Profile FAQ](#). If you have still any questions, please reach out to your account team for assistance.

**Additional Resources - See these additional resources for more information**

- [SP API Tutorial Videos](#)

**How can I generate the Refresh Token after creating the App in Developer Central ?**

- The App needs to be authorized by the Shipper OR Seller account. Please refer the section [Authorizing Selling Partner API applications](#) for different authorization methods.

Step by step detail is captured below for [Self authorization](#).

Step-1: For the application that you want to authorize, click the arrow next to the Edit App button, and then click Authorize.



The screenshot shows the 'Your Developer Profile' section of the Amazon Developer Central. It lists an app named 'SWA PROD TEST APP' with a status of 'Draft'. The 'Edit App' button for this app is highlighted with a yellow box and an arrow pointing to it from the left.

App name	Status	App ID	IAM ARN	LWA credentials	Action
SWA PROD TEST APP	Draft	amazon1.ap.solution.de4b6df3-2d9f-41a7-aa09-d445a9499c61	arn:aws:iam::955869580079:user/lp-appn-testing	View	Edit App 

Step-2: Please click on "sign into that account", this will redirect to login page.

### Authorize application

Click the Authorize app button to generate a new refresh token for each marketplace account. Generating a refresh token does not invalidate previous refresh tokens. You can exchange the refresh token for an access token, which you include with calls to Selling Partner APIs.

Application name  
SMA PROD TEST APP

Application ID  
amzn1.appliation.4e466d93-23ff-41a7-aed9-044f5a5499c8

To authorize an application to access a different account, [sign in to that account.](#)

Step-3: The Authorize application page appears. Please use the user account having **admin** role, or else the Authorize button will not appear.



## Sign-In

Email or mobile phone number

Password

[Forgot your password?](#)

[Sign-In](#)

By continuing, you agree to Amazon's [Conditions of Use](#) and [Privacy Notice](#).

Keep me signed in. [Details](#) ▾

New to Amazon?

[Create your Amazon account](#)

[Conditions of Use](#)    [Privacy Notice](#)    [Help](#)

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Step-4: Please click on "Authorize app" to generate the refresh token.

Note. If your selling account is merged with accounts from other regions, you will receive a separate refresh token for each region. Your application is now authorized to access your selling account(s).

## Authorize application

Click the Authorize app button to generate a new refresh token for each marketplace account. Generating a refresh token does not invalidate previous refresh tokens. You can exchange the refresh token for an access token, which you include with calls to Selling Partner APIs.

The screenshot shows the 'Marketplace Applications' section of the Amazon Developer Central interface. At the top, there's a search bar and a filter for 'Marketplace'. Below the header, there's a table with columns for 'Marketplaces', 'Refresh Token', and 'Action'. A single row is visible for 'United Kingdom', showing a long refresh token and a red-bordered 'Authorize app' button. The URL in the browser address bar is: <https://developer.amazon.com/editions/ship-with-amazon/applications/51eef53c2-d409-4405-af50-4e75f90ab64d>.

To authorize an application to access a different account, sign in to that account.

## Post Integration FAQ

### I am seeing the error message "Access to requested resource is denied"

- Access denied error messages are returned due to Unauthorized errors or MissingAuthenticationToken errors.

### Unauthorized

An Unauthorized with status code 403 error is returned for the following scenarios:

- Shipper Account:** Check that shipper account is in active status, valid rate card should be enabled for the shipper account. For additional information, please check with your Launch manager.
- API access:** Check the API operation you are making a request to and verify that your application has access to that API. Amazon Shipping access is available via the following roles: 1) Direct-to-Consumer Shipping and 2) Amazon Logistics. To verify role permissions, in Seller Central, navigate to Partner Network > Develop Apps. Choose Edit App and review the roles selected for your application. In Developer Central, navigate to Developer Central page. Choose Edit App and review the roles selected for your application.
- Missing SP-API Role:** If you are missing the role you need for the API access, check your Developer Profile to verify you requested access to that role. If you are missing access to a restricted role, you may need to re-submit your Developer Profile for access to that restricted role. Once the role is added, re-authorize your application (that is, generate a new LWA Refresh token to make valid API calls).

### What should be the input for the requestedDocumentSpecification object in the purchaseShipment request call?

- As part of the getRates response, each rate will have the supported formats mentioned in the supportedDocumentSpecifications object and it is base 64 encoded. To avoid errors, the same dimensions & format for the selected rate should be used in the PurchaseShipment call
- requestedDocumentSpecification is a mandatory field while making the PurchaseShipment API call and it is expected that it should match exactly with one of the specifications that was returned in the GetRates response for that rate.

### Which carrierID to use while calling Tracking API?

- It is advised to use the same carrierID that was returned in the getRates API response. Integrators might have to consider storing this information and reuse it while calling Tracking APIs.

#### **Which x-amzn-shipping-business-id to use as request header while calling Shipping V2 API?**

- Amazon shipping business to assume for this request from the below enumeration

Type : enum

<b>Value</b>	<b>Description</b>
<b>AmazonShipping_US</b>	The United States Amazon shipping business.
<b>AmazonShipping_IN</b>	The India Amazon shipping business.
<b>AmazonShipping_UK</b>	The United Kingdom Amazon shipping business.
<b>AmazonShipping_IT</b>	The Italy Amazon shipping business.
<b>AmazonShipping_ES</b>	The Spain Amazon shipping business.
<b>AmazonShipping_FR</b>	The France Amazon shipping business.

#### **What are the Amazon Shipping Service Ids in Production environments ?**

##### **Production Environment**

- Marketplace UK (**ON Amazon Labels**) - United Kingdom

<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
prime-premium-uk-mfn	Amazon Shipping One-Day Tracked	AMZN_UK	Amazon
std-uk-mfn	Amazon Shipping Two-Day Tracked	AMZN_UK	Amazon
econ-uk-mfn	Amazon Shipping Standard Tracked	AMZN_UK	Amazon

- Marketplace UK (**OFF Amazon Labels/ Own Website**) - United Kingdom

<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
SWA-UK-PREM	Amazon Shipping One Day	AMZN_UK	Amazon
SWA-UK-2D	Amazon Shipping Two Day	AMZN_UK	Amazon

- Marketplace IT (**ON Amazon Labels**) - Italy

<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
prime-premium-it-mfn	Spedizione nazionale expressa	AMZN_IT	Amazon IT
	• Marketplace IT ( <b>OFF Amazon Labels/ Own Website</b> ) - Italy		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
SWA-IT-PRIME-PREM	Spedizione nazionale express	AMZN_IT	Amazon IT
	• Marketplace FR ( <b>ON Amazon Labels</b> ) - France		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
prime-premium-fr-mfn	Amazon Shipping One-Day Tracked	AMZN_FR	Amazon FR
	• Marketplace FR ( <b>OFF Amazon Labels</b> ) - France		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
SWA-FR-PRIME-PREM	Amazon Shipping One Day	AMZN_FR	Amazon FR
	• Marketplace ES ( <b>ON Amazon Labels</b> ) - Spain		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
prime-premium-es-mfn	Amazon Shipping One-Day Tracked	AMZN_ES	Amazon ES
	• Marketplace ES ( <b>OFF Amazon Labels</b> ) - Spain		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
SWA-ES-PRIME-PREM	Amazon Shipping express	AMZN_ES	Amazon ES
	• Marketplace IN ( <b>OFF Amazon Labels/ Own Website</b> )		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
SWA-IN-OA	Amazon Shipping Standard	ATS	Amazon Shipping Standard
	• Marketplace US ( <b>ON Amazon Labels</b> )		
<b>Service Id</b>	<b>Service Name</b>	<b>Carrier ID</b>	<b>Carrier Name</b>
std-us-swa-mfn	Amazon Shipping Ground	AMZN_US	Amazon Shipping Ground
	• Marketplace US ( <b>OFF Amazon Labels/ Own Website</b> )		

Service Id	Service Name	Carrier ID	Carrier Name
std-us-swa-mfn	Amazon Shipping Ground	AMZN_US	Amazon Shipping

*Our Sandbox environment is undergoing updates, ServiceIds in sandbox environment may be different e.g. SWA-UK-PRIME-PREM and SWA-UK-ECON. Please ensure to have the header "[X-amzn-shipping-business-id](#)" in the getRates and purchaseShipment requests to get the marketplace specific response.*

### What is API throttling and how is it assigned to me?

- Amazon Shipping limits the rate of API requests that a shipper/integrator can make to the API every second to keep the service stable for all the customers. This process is defined as API throttling. At the time of on-boarding, every Application is allocated default 5 TPS (Transactions per second) as an initial limit which includes all requests in the following category: GetRates, PurchaseShipment, CancelShipment, GetShipmentDocument and a dedicated 5 TPS for Tracking API. If the allocated rate limit is exceeded, then the API will temporarily respond to all requests with a HTTP 429 status code. Client's access will automatically be reinstated in the next seconds after which they can retry any failed requests and continue to use the API as before.

### How do I need to manage Transaction per Second (TPS) limit?

- Post integration development, integrators have to provide the TPS details with which they need to call the API & they have to stick to this TPS limit. If these limits are exceeded, then it can result in an error message saying "You exceeded your quota for the requested resource". In this case, shippers/integrators will have to limit their request rate or reach out to their account manager for updating/increasing limits. For additional details and best practices please check the following Blogs:  
[Overview of usage plans and rate limits](#)  
[Strategies to optimize rate limits for your application workloads](#)

### What are the most common printer issues?

Troubleshooting Printing Issues: The common printing issue shippers encounter with Amazon Shipping customer:

#### 1. "Amazon Shipping labels are printing too small or only part of it is printed"

Please go through the following steps to resolve the issue:

##### a. Make sure your printer configuration matches the shipping labels being generated.

Example: The Printer that you are using is configured for 203 DPI and label is requested for 300 DPI.

PurchaseShipment API is invoked with the following shipping label configuration for 300 DPI and ZPL format, however Printer is configured for 203 DPI:

JSON

```
"requestedDocumentSpecification": {
```

```
    "format": "ZPL",
```

```

  "size": {  
    "width": 4,  
    "length": 6,  
    "unit": "INCH"  
},  
  "dpi": 300,  
  "pageLayout": "DEFAULT",  
  "needFileJoining": false,  
  "requestedDocumentTypes": [  
    "LABEL"  
]  
]

```

**b. If you are using 3P integrator, contact them to review if your printer configuration matches the shipping labels generated from them.**

Illustration of the impact of incorrect and correct printer configuration on Shipping Labels:  
The label is generated with 300 DPI option, whereas the printer is configured with 203 DPI setting - Part of the label is cut due to mismatch in label generated format vs the printer configuration.



**What are the list of tracking status codes and eventCodes?**

**Tracking Statuses (Summary status)**

- PreTransit:** package has been created but has not been picked up.
- InTransit:** package has been picked up and is in transit.
- Delivered:** package has been delivered successfully.
- Lost:** package is lost.
- OutForDelivery:** package is out for delivery.
- Rejected:** package has been rejected by the recipient.

- **Undeliverable:** package was undeliverable.
- **DeliveryAttempted:** delivery was attempted to the recipient location, but was not delivered.
- **PickupCancelled:** indicate that pickup was canceled for the package.
- **AwaitingCustomerPickup:** Package held at facility for the customer pickup.

#### **Tracking Event Codes**

- **ReadyForReceive:** package has been created and is ready for pickup the shippers location. This is a pre-transit status event code.
- **PickupDone:** package has been picked up by the carrier and is in transit within the carrier network.
- **Delivered:** package has been delivered.
- **Departed:** package has departed from a particular location in carrier network.
- **DeliveryAttempted:** delivery was attempted but unsuccessful.
- **Lost:** package is lost.
- **OutForDelivery:** package is out for delivery.
- **ArrivedAtCarrierFacility:** package is in transit and has been received at a carrier location.
- **Rejected:** package was rejected by the recipient.
- **Undeliverable:** package is undeliverable.
- **PickupCancelled:** pickup scheduled for the package was canceled.
- **ReturnInitiated:** Return label has been generated.
- **AvailableForPickup:** Package held for recipient pickup.

**What are the list of tracking detail codes used to provide additional info on the forward and return leg of the shipment?**

#### **TrackingDetailCodes(Summary trackingDetailCodes)**

- **BusinessClosed:** Attempted delivery but the business was closed.
- **CustomerUnavailable:** Attempted delivery but the recipient was unavailable.
- **PaymentNotReady:** Attempted delivery but cash was not available from recipient.
- **OtpNotAvailable:** Attempted delivery but the recipient did not have the PIN available.
- **DeliveryAttempted:** Delivery was attempted.
- **UnableToAccess:** Attempted delivery but could not access the recipient location.

- **UnableToContactRecipient:** Attempted delivery but unable to contact the recipient to coordinate delivery.
- **DeliveredToBehindWheelieBin:** Shipment delivered behind wheelie bin.
- **DeliveredToPorch:** Shipment delivered to front porch or front door.
- **DeliveredToGarage:** Shipment delivered to garage.
- **DeliveredToGarden:** Shipment delivered to garden.
- **DeliveredToGreenhouse:** Shipment delivered to greenhouse.
- **DeliveredToMailSlot:** Shipment delivered to letterbox/mail slot.
- **DeliveredToMailRoom:** Shipment delivered to mailroom.
- **DeliveredToNeighbor:** Shipment delivered and signed for by neighbor.
- **DeliveredToRearDoor:** Shipment delivered to rear porch or rear door.
- **DeliveredToReceptionist:** Shipment delivered to reception.
- **DeliveredToShed:** Shipment delivered to shed.
- **Signed:** Shipment delivered and signature received.
- **Damaged:** Shipment was damaged. When paired with Rejected this indicates the recipient refused to accept the shipment because the shipment was damaged. When paired with UNDELIVERABLE it means the shipment was undeliverable due to being damaged and may be returned to the seller.
- **IncorrectItems:** Recipient refused to accept the shipment because the shipment contains incorrect item/s.
- **NotRequired:** Recipient refused to accept the shipment because the recipient did not want the shipment.
- **Rejected:** Recipient refused to accept the shipment.
- **CancelledByRecipient:** Shipment was cancelled by the recipient. This tag is paired with the rejected shipment status.
- **AddressNotFound:** Shipment is undeliverable and is returning to seller because the address was missing or incorrect.
- **HazmatShipment:** Shipment is non-compliant Hazmat.
- **Undeliverable:** Shipment is undeliverable and is returning to the seller.

#### **What should be the shipDate in the getRates request ?**

- Amazon Shipping calculates the Package pick-up and delivery dates based on two parameters: 1) Pick-up window configured within Amazon Shipping, 2) ShipDate parameter sent in API getRate request (considered in UTC).  
The shipDate is optional, if not passed the system calculate the pick-up/ delivery windows based on timestamp of the API request, else, if a parameter is passed in shipDate it overrides the API request timestamp and considers the Date and

Timestamp from the API request.

*Note - Timestamp in ShipDate is considered in [UTC](#).*

Example: Pick-up window: 6:00PM - 7:00PM

**Scenario 1-** If shipDate: 2022-03-10T10:00:00Z is passed in API getRate request, Amazon will consider the next available pick-up window for planning. In this case for 1 day delivery: Pick-up date: 10th March and Delivery date: 11th March

**Scenario 2-** If shipDate: 2022-03-10T18:30:00Z is passed in API getRate request, Amazon will consider the next available pick-up window for planning. In this case the next available window will be on the 11th of March. For 1 day delivery: Pick-up date: 11th March and Delivery date: 12th March

*1. If you are unsure, we recommend to not pass the shipDate in API request and let Amazon plan the pick-up and delivery promises accordingly. In case of future parcel pick-up, please ensure to use the shipDate parameter as it is required for Amazon logistics to plan deliveries.*

*2. If passing the shipDate parameter, it is **mandatory it should be a future date and timestamp**. Providing a past date OR timestamp when compared to current GMT time would result in error response.*

*"errorCode":"INVALID\_REQUEST","errorMessage":"ShipDate in the request XXXX-XX-XXTx:xx:xxZ is in the past. Please pass a ship date in the future"*

### **How does the sample request and response look like for a 2DD request?**

- Below is an example of the sample request:

JSON

```
{  
  "shipTo": {  
    "name": "TEST",  
    "addressLine1": "Stamford Bridge",  
    "addressLine2": "SWA Test Account",  
    "stateOrRegion": "London",  
    "city": "London",  
    "countryCode": "GB",  
    "postalCode": "BB3 2EN",  
    "email": "testers@testers.com",  
    "phoneNumber": "0123456789"  
  },  
  "shipFrom": {  
    "name": "2DD test",  
    "addressLine1": "68 Mansel Rd",  
    "city": "London",  
    "stateOrRegion": "Greater London",  
    "countryCode": "GB",  
    "postalCode": "BB3 2EN",  
    "email": "testers@testers.com",  
    "phoneNumber": "0123456789"  
  }  
}
```

```
"addressLine2": "SWA Test Account",
"stateOrRegion": "Birmingham",
"city": "Birmingham",
"countryCode": "GB",
"email": "test+EUGamma11@amazon.com",
"postalCode": "B10 9LZ"
},
"packages": [
{
"dimensions": {
"length": 131.00,
"width": 33.00,
"height": 21.50,
"unit": "CENTIMETER"
},
"weight": {
"unit": "KILOGRAM",
"value": 13.00
},
"items": [
{
"quantity": 1,
"itemIdentifier": "A91-062-1/1",
"description": "Item Description",
"isHazmat": false,
"weight": {
"unit": "KILOGRAM",
"value": 13.00
}
}
]
},
```

```
"insuredValue": {  
    "unit": "GBP",  
    "value": 100.00  
},  
    "packageClientReferenceId": "REF12345"  
}  
],  
"channelDetails": {  
    "channelType": "EXTERNAL"  
}  
}
```

- Sample 2DD Response:

JSON

```
{  
    "payload": {  
        "requestToken": "amzn1.1db70dcc-d563-47cb-833b-4a874b12e01e",  
        "rates": [  
            {  
                "rateId":  
                    "e1b7cf2d1516d8c5343a087e10a5a2261ff36b83bdb5a91c6ce51b19586ed98615072005809  
                    43",  
                "carrierId": "AMZN_UK",  
                "carrierName": "Amazon Shipping",  
                "serviceId": "SWA-UK-PRIME-PREM",  
                "serviceName": "Amazon Shipping One Day",  
                "promise": {  
                    "pickupWindow": {  
                        "start": "2022-04-08T18:00:00Z",  
                        "end": "2022-04-08T19:00:00Z"  
                    },  
                    "deliveryWindow": {  
                        "start": "2022-04-09T20:00:00Z",  
                        "end": "2022-04-09T21:00:00Z"  
                    }  
                }  
            }  
        ]  
    }  
}
```

```
        "end": "2022-04-09T20:00:00Z"  
    }  
},  
"supportedDocumentSpecifications": [  
    {  
        "format": "PNG",  
        "size": {  
            "width": 4.0,  
            "length": 6.0,  
            "unit": "INCH"  
        },  
        "printOptions": [  
            {  
                "supportedDPIs": [  
                    300,  
                    203  
                ],  
                "supportedPageLayouts": [  
                    "DEFAULT"  
                ],  
                "supportedFileJoiningOptions": [  
                    false  
                ],  
                "supportedDocumentDetails": [  
                    {  
                        "name": "LABEL",  
                        "isMandatory": true  
                    }  
                ]  
            }  
        ]  
    }  
]
```

```
        },
        {
            "format": "ZPL",
            "size": {
                "width": 4.0,
                "length": 6.0,
                "unit": "INCH"
            },
            "printOptions": [
                {
                    "supportedDPIs": [
                        300,
                        203
                    ],
                    "supportedPageLayouts": [
                        "DEFAULT"
                    ],
                    "supportedFileJoiningOptions": [
                        false
                    ],
                    "supportedDocumentDetails": [
                        {
                            "name": "LABEL",
                            "isMandatory": true
                        }
                    ]
                }
            ]
        },
        {
            "format": "PDF",
```

```
"size": {  
    "width": 4.0,  
    "length": 6.0,  
    "unit": "INCH"  
},  
"printOptions": [  
    {  
        "supportedDPIs": [  
            300,  
            203  
        ],  
        "supportedPageLayouts": [  
            "DEFAULT"  
        ],  
        "supportedFileJoiningOptions": [  
            false  
        ],  
        "supportedDocumentDetails": [  
            {  
                "name": "LABEL",  
                "isMandatory": true  
            }  
        ]  
    }  
],  
"availableValueAddedServiceGroups": [  
],  
"totalCharge": {
```

```
        "unit": "GBP",
        "value": 4.76
    },
    "billedWeight": {
        "value": 1.0,
        "unit": "KILOGRAM"
    },
    "requiresAdditionalInputs": false
},
{
    "rateId": "dcaad3aa31791b900cdb3d32c5b4e37d13dd4e3a30e2a784977cc7fdedb717e41647870923840",
    "carrierId": "AMZN_UK",
    "carrierName": "Amazon Shipping",
    "serviceId": "SWA-UK-2D",
    "serviceName": "Amazon Shipping Two Day",
    "promise": {
        "pickupWindow": {
            "start": "2022-04-08T18:00:00Z",
            "end": "2022-04-08T19:00:00Z"
        },
        "deliveryWindow": {
            "start": "2022-04-10T20:00:00Z",
            "end": "2022-04-10T20:00:00Z"
        }
    },
    "supportedDocumentSpecifications": [
    {
        "format": "PNG",
        "size": {
            "width": 4.0,
```

```
"length": 6.0,  
"unit": "INCH"  
},  
"printOptions": [  
{  
"supportedDPIs": [  
300,  
203  
],  
"supportedPageLayouts": [  
"DEFAULT"  
],  
"supportedFileJoiningOptions": [  

```

```
"printOptions": [
  {
    "supportedDPIs": [
      300,
      203
    ],
    "supportedPageLayouts": [
      "DEFAULT"
    ],
    "supportedFileJoiningOptions": [
      false
    ],
    "supportedDocumentDetails": [
      {
        "name": "LABEL",
        "isMandatory": true
      }
    ]
  },
  {
    "format": "PDF",
    "size": {
      "width": 4.0,
      "length": 6.0,
      "unit": "INCH"
    },
    "printOptions": [
      {
        "supportedDPIs": [

```

```
    300,  
    203  
],  
"supportedPageLayouts": [  
    "DEFAULT"  
],  
"supportedFileJoiningOptions": [  
    false  
],  
"supportedDocumentDetails": [  
    {  
        "name": "LABEL",  
        "isMandatory": true  
    }  
]  
}  
]  
}  
]  
}  
],  
"availableValueAddedServiceGroups": [  
  
],  
"totalCharge": {  
    "unit": "GBP",  
    "value": 3.72  
},  
"billedWeight": {  
    "value": 1.0,  
    "unit": "KILOGRAM"  
},  
"requiresAdditionalInputs": false
```

```
    },
],
"ineligibleRates": null
}
}
```

#### How does the sample request and response look like for ON Amazon request?

- Below is the example of Sample getRatesV2 request for ON Amazon label

ON\_AMAZON\_getRatesV2\_Request

```
{
  "shipTo": {
    "name": "Chris",
    "addressLine1": "Redacted",
    "addressLine2": "Redacted",
    "addressLine3": "Redacted",
    "companyName": "",
    "stateOrRegion": "Redacted",
    "city": "Redacted",
    "countryCode": "GB",
    "postalCode": "Redacted"
  },
  "shipFrom": {
    "name": "Gary",
    "addressLine1": "Redacted",
    "addressLine2": "Redacted",
    "stateOrRegion": "Redacted",
    "city": "Redacted",
    "countryCode": "GB",
    "postalCode": "Redacted",
    "email": "Redacted@hotmail.com",
    "phoneNumber": "Redacted"
  }
},
```

```
"packages": [
  {
    "dimensions": {
      "unit": "CENTIMETER",
      "length": 29.3,
      "width": 32.0,
      "height": 39.0
    },
    "weight": {
      "unit": "GRAM",
      "value": 3386.0
    },
    "insuredValue": {
      "value": 10.0,
      "unit": "GBP"
    },
    "isHazmat": false,
    "packageClientReferenceId": "432626-0", /*This can be Amazon Order ID or Shipper internal Order ID*/
    "items": [
      {
        "itemValue": {
          "value": 26.99,
          "unit": "GBP"
        },
        "description": "Border Biscuits 100 Luxury Mini Packs with 5 Varieties",
        "itemIdentifier": "60334228527867", /*This is OrderItemID*/
        "quantity": 1,
        "weight": {
          "unit": "GRAM",
        }
      }
    ]
  }
]
```

```

        "value": 3086.0
    },
    "isHazmat": false
}
],
},
],
"channelDetails": {
    "channelType": "AMAZON", /*Channel Type = AMAZON for ON AMAZON
label request*/
    "amazonOrderDetails": {
        "orderId": "202-7179886-3817928" /*orderID is the
Amazon Order number*/
    }
}
}

```

- Below is the example of getRatesV2 response for ON Amazon label

#### ON\_AMAZON\_getRatesV2\_Response

```
{
    "payload": {
        "ineligibleRates": [
            {
                "carrierId": "HERMES_UK",
                "carrierName": "Hermes UK",
                "ineligibilityReasons": [
                    {
                        "code": "UNKNOWN",
                        "message": "It is not a premium offering"
                    },
                    {
                        "code": "UNKNOWN",

```

"message": "The ship method you selected for this order is not available because you have not accepted the carrier's terms and conditions. To accept the carrier's terms and conditions, please visit the Seller Central MWS API registration page at: <https://sellercentral.amazon.com/orders-st/terms-and-conditions>"

}

],

"serviceId": "HERMES\_UK\_MFN\_TWODAY\_DROPOFF",

"serviceName": "Hermes Two Day - Drop Off"

},

{

"carrierId": "ROYAL\_MAIL",

"carrierName": "Royal Mail",

"ineligibilityReasons": [

{

"code": "UNKNOWN",

"message": "It is not a premium offering"

}

],

"serviceId": "ROYAL\_MFN\_TRACKED\_48",

"serviceName": "Royal Mail Tracked 48"

},

{

"carrierId": "AMZN\_UK",

"carrierName": "Amazon Shipping",

"ineligibilityReasons": [

{

"code": "UNKNOWN",

"message": "It is not a premium offering"

}

],

"serviceId": "econ3-uk-mfn",

"serviceName": "Amazon Shipping Standard Tracked"

```
        },
        {
            "carrierId": "DPD_UK",
            "carrierName": "DPD UK",
            "ineligibilityReasons": [
                {
                    "code": "UNKNOWN",
                    "message": "Does Not Meet Promised
Delivery Date"
                },
                {
                    "code": "UNKNOWN",
                    "message": "The ship method you selected
for this order is not available because you have not accepted the carrier's terms and
conditions. To accept the carrier's terms and conditions, please visit the Seller Central MWS
API registration page at: https://sellercentral.amazon.com/orders-st/terms-and-conditions"
                }
            ],
            "serviceId": "DPD_UK_MFN_PARCEL_SAT",
            "serviceName": "Parcel Saturday"
        },
        {
            "carrierId": "HERMES_UK",
            "carrierName": "Hermes UK",
            "ineligibilityReasons": [
                {
                    "code": "UNKNOWN",
                    "message": "Does Not Meet Promised
Delivery Date"
                },
                {
                    "code": "UNKNOWN",

```

```
        "message": "The ship method you selected  
for this order is not available because you have not accepted the carrier's terms and  
conditions. To accept the carrier's terms and conditions, please visit the Seller Central MWS  
API registration page at: https://sellercentral.amazon.com/orders-st/terms-and-conditions"  
    }  
],  
    "serviceId": "HERMES_UK_MFN_STANDARD_DROPOFF",  
    "serviceName": "Hermes Standard - Drop Off"  
},  
{  
    "carrierId": "AMZN_UK",  
    "carrierName": "Amazon Shipping",  
    "ineligibilityReasons": [  
        {  
            "code": "UNKNOWN",  
            "message": "Does Not Meet Promised  
Delivery Date"  
        }  
    ],  
    "serviceId": "std-uk-mfn",  
    "serviceName": null  
},  
{  
    "carrierId": "DPD_UK",  
    "carrierName": "DPD UK",  
    "ineligibilityReasons": [  
        {  
            "code": "UNKNOWN",  
            "message": "The ship method you selected  
for this order is not available because you have not accepted the carrier's terms and  
conditions. To accept the carrier's terms and conditions, please visit the Seller Central MWS  
API registration page at: https://sellercentral.amazon.com/orders-st/terms-and-conditions"  
        }  
    ]  
}
```

```
        ],
        "serviceId": "DPD_UK_MFN_PARCEL",
        "serviceName": "Parcel Next Day"
    }
],
"rates": [
{
    "availableValueAddedServiceGroups": [
        {
            "groupDescription": "Confirmation",
            "groupId": "VAS_GROUP_ID_CONFIRMATION",
            "isRequired": true,
            "valueAddedServices": [
                {
                    "cost": {
                        "unit": "GBP",
                        "value": 0.3
                    },
                    "id": "SIGNATURE_CONFIRMATION",
                    "name": "Signature confirmation"
                },
                {
                    "cost": {
                        "unit": "GBP",
                        "value": 0.0
                    },
                    "id": "DELIVERY_CONFIRMATION",
                    "name": "Delivery confirmation"
                }
            ]
        }
    ]
}
```

```
        }

    ]

}

{

    "groupDescription": "Pickup",

    "groupId": "VAS_GROUP_ID_PICKUP",

    "isRequired": true,

    "valueAddedServices": [

        {

            "cost": {

                "unit": "GBP",

                "value": 0.0

            },

            "id": "CARRIER_PICKUP_CHARGE",

            "name": "Carrier Pickup"

        }

    ]

}

],



"billedWeight": null,



"carrierId": "ROYAL_MAIL",

"carrierName": "Royal Mail",

"promise": {



    "deliveryWindow": {



        "end": "2022-04-28T22:59:59Z",

        "start": "2022-04-28T22:59:59Z"



    },



    "pickupWindow": {



        "end": null,



        "start": null



    }

}
```

```
        },  
        "rateId": "70aeaea6-d904-43ab-b9b6-2520097a64a2",  
        "requiresAdditionalInputs": false,  
        "serviceId": "ROYAL_MFN_TRACKED_24",  
        "serviceName": "Royal Mail Tracked 24",  
        "supportedDocumentSpecifications": [  
            {  
                "format": "ZPL",  
                "printOptions": [  
                    {  
                        "supportedDPIs": [  
                            300  
                        ],  
                        "supportedDocumentDetails": [  
                            {  
                                "isMandatory": true,  
                                "name":  
                                "LABEL"  
                            }  
                        ],  
                        "supportedFileJoiningOptions": [  
                            true  
                        ],  
                        "supportedPageLayouts": [  
                            "LEFT"  
                        ]  
                }  
            ],  
        ]  
    },  
    "label": "Label",  
    "labelType": "Image",  
    "labelImage": "https://www.royalmail.com/track-and-deliver/images/label.png",  
    "labelImageAlt": "Royal Mail Tracked 24 label image",  
    "labelImageWidth": 100,  
    "labelImageHeight": 100  
}
```

```
        "size": {  
            "length": 6.0,  
            "unit": "INCH",  
            "width": 4.0  
        }  
,  
{  
    "format": "PNG",  
    "printOptions": [  
        {  
            "supportedDPIS": [],  
  
    "supportedDocumentDetails": [  
        {  
            "isMandatory": true,  
            "name":  
            "LABEL"  
        }  
    ],  
  
    "supportedFileJoiningOptions": [  
        true  
    ],  
    "supportedPageLayouts": [  
        "LEFT"  
    ]  
},  
],  
"size": {  
    "length": 6.0,  
    "unit": "INCH",
```

```
        "width": 4.0
    }
}

],
{
    "totalCharge": {
        "unit": "GBP",
        "value": 10.77
    }
},
{
    "availableValueAddedServiceGroups": [
        {
            "groupDescription": "Pickup",
            "groupId": "VAS_GROUP_ID_PICKUP",
            "isRequired": true,
            "valueAddedServices": [
                {
                    "cost": {
                        "unit": "GBP",
                        "value": 0.0
                    },
                    "id": "CARRIER_PICKUP_CHARGE",
                    "name": "Carrier Pickup"
                }
            ]
        }
    ],
    "billedWeight": null,
    "carrierId": "AMZN_UK",
    "carrierName": "Amazon Shipping",
}
```

```
        "promise": {  
            "deliveryWindow": {  
                "end": "2022-04-28T19:00:00Z",  
                "start": "2022-04-28T19:00:00Z"  
            },  
            "pickupWindow": {  
                "end": "2022-04-27T16:00:00Z",  
                "start": "2022-04-27T15:00:00Z"  
            }  
        },  
        "rateId": "708ac4e1-0d43-4b12-82af-75fdb5205dc8",  
        "requiresAdditionalInputs": false,  
        "serviceId": "prime-premium-uk-mfn",  
        "serviceName": "Amazon Shipping One-Day Tracked",  
        "supportedDocumentSpecifications": [  
            {  
                "format": "ZPL",  
                "printOptions": [  
                    {  
                        "supportedDPIs": [  
                            300  
                        ],  
                        "name": "  
                        "isMandatory": true,  
                        "LABEL"  
                    }  
                ],  
                "name": "  
            }  
        ]  
    }  
}
```

```
"supportedFileJoiningOptions": [  
    true  
],  
    "supportedPageLayouts": [  
        "LEFT"  
    ]  
}  
],  
"size": {  
    "length": 6.0,  
    "unit": "INCH",  
    "width": 4.0  
}  
},  
{  
    "format": "PNG",  
    "printOptions": [  
        {  
            "supportedDPIs": [],  
            "supportedDocumentDetails": [  
                {  
                    "isMandatory": true,  
                    "name":  
                    "LABEL"  
                }  
            ],  
            "supportedFileJoiningOptions": [  
                true  
            ],  
            "supportedPageLayouts": [  
                "LEFT"  
            ]  
        }  
    ]  
}
```

```

        "supportedPageLayouts": [
            "LEFT"
        ],
        "size": {
            "length": 6.0,
            "unit": "INCH",
            "width": 4.0
        }
    },
    "totalCharge": {
        "unit": "GBP",
        "value": 3.34
    }
},
],
"requestToken": "amzn1.rq.c7xxxx28-a634-45da-80d7-73e5xx440e0.101"
}
}

```

**How should the purchaseShipment request be created from getRates response for ON Amazon request?**

- Below you can find a snippet of getRates response and example of building the purchaseShipment request for ZPL. Please note the following:  
 (1) There are 2 Value Added Services (VAS) groups: *VASGROUP\_ID\_CONFIRMATION* and *VAS\_GROUP\_ID\_PICKUP* and both the VAS is marked as "isRequired": true - We would need to pass the values for both the VAS ids in purchaseShipment request.  
 Another thing to note is VAS - VAS\_GROUP\_ID\_CONFIRMATION has two available Services - SIGNATURE\_CONFIRMATION and DELIVERY\_CONFIRMATION. In purchaseShipment request ONLY 1 Service can be enabled for each VAS groups. In the example provided below from VAS service "Pickup" - CARRIER\_PICKUP\_CHARGE is selected and from VAS service "Confirmation" - DELIVERY\_CONFIRMATION is selected for purchaseShipment request.  
 (2) ZPL DPI - 300 DPI is supported and is required in the purchaseShipment request.

<pre>{   "availableValueAddedServiceGroups": [     {       "groupDescription": "Pickup",       "groupId": "VAS_GROUP_ID_PICKUP",       "isRequired": true,       "valueAddedServices": [         {           "cost": {             "unit": "GBP",             "value": 0.0},           "id": "CARRIER_PICKUP_CHARGE", ⑧           "name": "Carrier Pickup"]         }       ],       "groupDescription": "Confirmation",       "groupId": "VAS_GROUP_ID_CONFIRMATION",       "isRequired": true,       "valueAddedServices": [         {           "cost": {             "unit": "GBP",             "value": 0.0},           "id": "SIGNATURE_CONFIRMATION",           "name": "Signature confirmation"         },         {           "cost": {             "unit": "GBP",             "value": 0.0},           "id": "DELIVERY_CONFIRMATION",           "name": "Delivery confirmation"         }]     },     {       "carrierId": "AMZN_UK",       "carrierName": "Amazon Shipping",       "promise": {         "deliveryWindow": {           "end": "2022-05-25T19:00:00Z",           "start": "2022-05-25T19:00:00Z"         },         "pickupWindow": {           "end": "2022-05-23T17:00:00Z",           "start": "2022-05-23T16:00:00Z"         }       },       "rateId": "ac5f2a3b-6f78-402e-9b6f-80f5a3238dda", ①       "requiresAdditionalInputs": false,       "serviceId": "econ-uk-mfn",       "serviceName": "Amazon Shipping Standard Tracked",       "supportedDocumentSpecifications": [         {"format": "ZPL", ②          "printOptions": [            {              "supportedDPIs": [300], ④              "supportedDocumentDetails": [                {                  "isMandatory": true,                  "name": "LABEL" ⑦                }              ],              "supportedFileJoiningOptions": [                true ⑥              ],              "supportedPageLayouts": [                "LEFT" ] ⑤            ]          },          "size": {            "length": 6.0,            "unit": "INCH", ③            "width": 4.0          }        }      }    ],    "requestToken": "2d5db0a0-e42b-486b-bfc4-4ccb77e95d94",    "rateId": "ac5f2a3b-6f78-402e-9b6f-80f5a3238dda", ①    "requestedDocumentSpecification": {      "format": "ZPL", ②      "size": {        "width": 4,        "length": 6, ③        "unit": "INCH"      },      "dpi": 300, ④      "pageLayout": "LEFT", ⑤      "needFileJoining": true, ⑥      "requestedDocumentTypes": [        "LABEL" ⑦      ]    },    "requestedValueAddedServices": [      {        "id": "CARRIER_PICKUP_CHARGE" ⑧      },      {        "id": "DELIVERY_CONFIRMATION" ⑨      }    ] } </pre>	<p><b>getRates Response</b></p> <p><b>purchaseShipment</b></p>
--	--

- Below you can find a snippet of getRates response and example of building the purchaseShipment request for PNG or PDF.
- Please note the following:
- (1) There is 1 Value Added Services (VAS) groups: `VASGROUP_ID_PICKUP` and `VAS` is marked as `"isRequired": true` - We would need to pass the values for the VAS id in purchaseShipment request. In the example provided below from VAS service "Pickup" - `CARRIER_PICKUP_CHARGE` is selected for purchaseShipment request.
  - (2) PNG DPI - Null . As the DPI is NULL, DPI tag should be omitted from the purchaseShipment request. Same will be applicable for PDF.

<pre>{   "availableValueAddedServiceGroups": [     {       "groupDescription": "Pickup",       "groupId": "VAS_GROUP_ID_PICKUP",       "isRequired": true,       "valueAddedServices": [         {           "cost": {             "unit": "GBP",             "value": 0.0},           "id": "CARRIER_PICKUP_CHARGE",           "name": "Carrier Pickup"         }       ]     },     "carrierId": "AMZN_UK",     "carrierName": "Amazon Shipping",     "promise": {       "deliveryWindow": {         "end": "2022-05-25T19:00:00Z",         "start": "2022-05-25T19:00:00Z"       },       "pickupWindow": {         "end": "2022-05-23T17:00:00Z",         "start": "2022-05-23T16:00:00Z"       }     },     "rateId": "ac5f2a3b-6f78-402e-9b6f-80f5a3238dda",     "requiresAdditionalInputs": false,     "serviceId": "econ-uk-mfn",     "serviceName": "Amazon Shipping Standard Tracked",     "supportedDocumentSpecifications": [       {"format": "PNG",        "printOptions": [          {            "supportedDPIS": [],            "supportedDocumentDetails": [              {                "isMandatory": true,                "name": "LABEL"              }            ],            "supportedFileJoiningOptions": [              true            ],            "supportedPageLayouts": [              "LEFT"            ]          }        ],        "size": {          "length": 6.0,          "unit": "INCH",          "width": 4.0        }      }    ]  }</pre>		<pre>{   "requestToken": "2d5db0a0-e42b-486b-bfc4-4ccb77e95d94",   "rateId": "ac5f2a3b-6f78-402e-9b6f-80f5a3238dda",   "requestedDocumentSpecification": {     "format": "PNG",     "size": {       "width": 4,       "length": 6,       "unit": "INCH"     },     "pageLayout": "LEFT",     "needFileJoining": true,     "requestedDocumentTypes": [       "LABEL"     ],     "requestedValueAddedServices": [       {         "id": "CARRIER_PICKUP_CHARGE"       }     ]   } }</pre>	
--	---	---	--

## Shipping API v2 Reference

Provides programmatic access to Amazon Shipping v2 APIs.

### Overview

The Amazon Shipping API is designed to support outbound shipping use cases both for orders originating on Amazon-owned marketplaces as well as external channels/marketplaces. With these APIs, you can request shipping rates, create shipments, cancel shipments, and track shipments.

**Carrier Support:** Sellers enrolled in the [Fulfilled by Merchant \(FBM\) Program](#) can use this Shipping API V2 to purchase shipping labels for Amazon Shipping and/or third party shipping carriers like UPS, USPS, FedEx, DHL, etc. Complete list of supported carriers and shipping services can be found on [Seller Central](#).

- For Amazon marketplace orders (On-Amazon): Carrier labels for Amazon Shipping and third party carriers are available

- For other channels (Off-Amazon) e.g. Merchant website, eBay, Shopify etc: Only Amazon Shipping is available.

To indicate if the label you are purchasing is for On-Amazon or Off-Amazon, use [ChannelType](#).

### **Version information**

*Version : v2*

### **URI scheme**

*Host :* [available hosts for amazon shipping v2 apis](#)

*Schemes :* HTTPS

### **Consumes**

- application/json

### **Produces**

- application/json

### **Operations**

[getRates](#)

[purchaseShipment](#)

[oneClickShipment](#)

[getTracking](#)

[getShipmentDocuments](#)

[cancelShipment](#)

[getAccessPoints](#)

[submitNdrFeedback](#)

[getAdditionalInputs](#)

### **Paths**

**POST /shipping/v2/shipments/rates**

**Operation: getRates**

**Description**

Returns the available shipping service offerings.

**Usage Plan:**

**Default Quota**

**Unit**

5

Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default

rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

## Parameters

Type	Name	Description	Scheme
Body	<b>body</b> <i>required</i>	The request schema for the getRates operation. When the channelType is Amazon, the shipTo address is not required and will be ignored.	<a href="#">GetRate</a>
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>required</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum <a href="#">business</a>

## Responses

HTTP Code	Description
<b>200</b>	<p>Success.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation. x-amzn-RequestId (string) : Unique request reference identifier.</p>
<b>401</b>	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation. <i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned. x-amzn-RequestId (string) : Unique request reference identifier.</p>
<b>413</b>	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation. <i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned. x-amzn-RequestId (string) : Unique request reference identifier.</p>
<b>415</b>	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p>

<b>HTTP Code</b>	<b>Description</b>
	<p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>
	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p>
<b>429</b>	<p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>
	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p>
<b>500</b>	<p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>
	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p>
<b>503</b>	<p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

## POST /shipping/v2/shipments

### Operation: purchaseShipment

#### Description

Purchases a shipping service and returns purchase related details and documents.

*Note:* You must complete the purchase within **10 minutes** of rate creation by the shipping service provider for channelType as EXTERNAL which is for OFF-Amazon volume. If you make the request after the 10 minutes have expired, you will receive an error response with the error code equal to "TOKEN\_EXPIRED". If you receive this error response, you must get the rates for the shipment again.

#### Usage Plan:

<b>Default Quota</b>	<b>Unit</b>
5	Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default

rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	The request schema for the purchaseShipment operation.	<a href="#">PurchaseShip</a>
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>required</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum ( <a href="#">X-amz-business-id</a> )

## Responses

HTTP Code	Description	Schema
<b>200</b>	<p>Success.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">Purchase</a>
<b>401</b>	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
<b>413</b>	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
<b>415</b>	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p>	<a href="#">ErrorList</a>

HTTP Code	Description	Schema
	<p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	
429	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
500	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
503	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

### POST /shipping/v2/oneClickShipment

#### Operation: oneClickShipment

#### Description

Purchases a shipping service identifier and returns purchase-related details and documents.

#### Usage Plan:

Default Quota	Unit
5	Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	The request schema for the OneClickShipment operation. When the channelType is not Amazon, shipTo is required and when channelType is Amazon shipTo is ignored.	<a href="#">OneClickShipment</a>
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>required</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum ( <a href="#">X-amzn-Shipping-Business-Id</a> )

## Responses

HTTP Code	Description	Schema
200	<p>Success.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">OneClickShipment</a>
401	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>

HTTP Code	Description	Schema
<b>413</b>	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
<b>415</b>	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
<b>429</b>	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
<b>500</b>	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
<b>503</b>	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

## GET /shipping/v2/tracking

### Operation: getTracking

#### Description

Returns tracking information for a purchased shipment.

#### Usage Plan:

Default Quota	Unit
5	Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

#### Parameters

Type	Name	Description	Schema
Query	<b>trackingId</b> <i>required</i>	A carrier-generated tracking identifier originally returned by the purchaseShipment operation.	string
Query	<b>carrierId</b> <i>required</i>	A carrier identifier originally returned by the getRates operation for the selected rate.	enum
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>optional</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum <a href="#">business</a>

#### Responses

HTTP Code	Description	Schema
200	<p>Success.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">Get</a>
401	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p>	<a href="#">Error</a>

HTTP Code	Description	Sc
	<p><b>Note:</b> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	
413	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><b>Note:</b> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	Eri
415	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><b>Note:</b> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	Eri
429	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><b>Note:</b> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	Eri
500	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><b>Note:</b> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	Eri
503	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><b>Note:</b> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	Eri

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

## GET /shipping/v2/shipments/{shipmentId}/documents

### Operation: getShipmentDocuments

#### Description

Returns the shipping documents associated with a package in a shipment.

#### Usage Plan:

Default Quota	Unit
---------------	------

5	Requests Per Second
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The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

## Parameters

Type	Name	Description
Path	<b>shipmentId</b> <i>required</i>	The shipment identifier originally returned by the purchaseShipment operation.
Query	<b>packageClientReferenceId</b> <i>required</i>	The package client reference identifier originally provided in the request body parameter for the getRates operation.
Query	<b>format</b> <i>optional</i>	The file format of the document. Must be one of the supported formats returned by the getRates operation.
Query	<b>dpi</b> <i>optional</i>	The resolution of the document (for example, 300 means 300 dots per inch). Must be one of the supported resolutions returned in the response to the getRates operation.
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token
Header	<b>x-amzn-shipping-business-id</b> <i>required</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.

## Responses

HTTP Code	Description	Schema
<b>200</b>	Success. <b>Headers :</b> x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation. x-amzn-RequestId (string) : Unique request reference identifier.	<a href="#">GetShipmentDetailsResponse</a>
<b>401</b>	The request's Authorization header is not formatted correctly or does not contain a valid token.	<a href="#">ErrorList</a>

HTTP Code	Description	Schema
	<p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	
413	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
415	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
429	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
500	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
503	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this</p>	<a href="#">ErrorList</a>

HTTP Code	Description	Schema
	<p>operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

### PUT /shipping/v2/shipments/{shipmentId}/cancel

#### Operation: cancelShipment

##### Description

Cancels a purchased shipment. Returns an empty object if the shipment is successfully cancelled.

##### Usage Plan:

Default Quota	Unit
5	Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

#### Parameters

Type	Name	Description	Schema
Path	<b>shipmentId</b> <i>required</i>	The shipment identifier originally returned by the purchaseShipment operation.	string
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>required</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum <a href="#">business_id</a>

#### Responses

HTTP Code	Description	Schema
<b>200</b>	<p>Success.</p> <p><b>Headers :</b></p> <ul style="list-style-type: none"> <li>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</li> <li>x-amzn-RequestId (string) : Unique request reference identifier.</li> </ul>	<a href="#">Cancel</a>
<b>401</b>	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <ul style="list-style-type: none"> <li>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</li> <li><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</li> <li>x-amzn-RequestId (string) : Unique request reference identifier.</li> </ul>	<a href="#">ErrorList</a>
<b>413</b>	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <ul style="list-style-type: none"> <li>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</li> <li><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</li> <li>x-amzn-RequestId (string) : Unique request reference identifier.</li> </ul>	<a href="#">ErrorList</a>
<b>415</b>	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <ul style="list-style-type: none"> <li>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</li> <li><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</li> <li>x-amzn-RequestId (string) : Unique request reference identifier.</li> </ul>	<a href="#">ErrorList</a>
<b>429</b>	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <ul style="list-style-type: none"> <li>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</li> <li><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</li> <li>x-amzn-RequestId (string) : Unique request reference identifier.</li> </ul>	<a href="#">ErrorList</a>
<b>500</b>	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <ul style="list-style-type: none"> <li>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this</li> </ul>	<a href="#">ErrorList</a>

HTTP Code	Description	Schema												
	<p>operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>													
503	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorLi</a>												
For additional error status codes, descriptions and schemas, see <a href="#">Error responses and schemas</a> .														
<b>GET /shipping/v2/accessPoints</b>														
<b>Operation:</b> <a href="#">getAccessPoints</a>														
<b>Description</b>														
Returns a list of access points in proximity of input postal code.														
<b>Usage Plan:</b>														
<table> <thead> <tr> <th>Default Quota</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Requests Per Second</td> </tr> </tbody> </table>			Default Quota	Unit	5	Requests Per Second								
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5	Requests Per Second													
The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate for this operation. For more information, see <a href="#">Usage Plans and Rate Limits in the Selling Partner API</a> .														
<b>Parameters</b>														
<table> <thead> <tr> <th>Type</th> <th>Name</th> <th>Description</th> <th>Schema</th> </tr> </thead> <tbody> <tr> <td>Query</td> <td><b>accessPointTypes</b> <i>required</i></td> <td>-</td> <td>&lt; enum (<a href="#">A</a>) array(csv)</td> </tr> <tr> <td>Query</td> <td><b>countryCode</b> <i>required</i></td> <td>-</td> <td>string</td> </tr> </tbody> </table>			Type	Name	Description	Schema	Query	<b>accessPointTypes</b> <i>required</i>	-	< enum ( <a href="#">A</a> ) array(csv)	Query	<b>countryCode</b> <i>required</i>	-	string
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Query	<b>accessPointTypes</b> <i>required</i>	-	< enum ( <a href="#">A</a> ) array(csv)											
Query	<b>countryCode</b> <i>required</i>	-	string											

Type	Name	Description	Schema
Query	<b>postalCode</b> <i>required</i>	-	string
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>required</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum ( <a href="#">X-a business-id</a> )
<b>Responses</b>			
HTTP Code	Description		Schema
<b>200</b>	<p>Success.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>		<a href="#">GetAcc</a>
<b>401</b>	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>		<a href="#">ErrorLi</a>
<b>413</b>	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>		<a href="#">ErrorLi</a>
<b>415</b>	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer</p>		<a href="#">ErrorLi</a>

HTTP Code	Description	Schema
	<p>returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	
429	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
500	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
503	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

#### Consumes

- application/json

#### Produces

- application/json

#### POST /shipping/v2/ndrFeedback

##### Operation: submitNdrFeedback

##### Description

This API submits the NDR (Non-delivery Report) Feedback for any eligible shipment.

##### Usage Plan:

Default Quota	Unit
5	Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

## Parameters

Type	Name	Description	Schema
Body	<b>body</b> <i>required</i>	Request body for ndrFeedback operation	<a href="#">SubmitNdrFee</a>
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>optional</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum ( <a href="#">X-amzn-business-id</a> )

## Responses

HTTP Code	Description
<b>204</b>	Success <b>Headers :</b> x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation. x-amzn-RequestId (string) : Unique request reference identifier.
<b>401</b>	The request's Authorization header is not formatted correctly or does not contain a valid token. <b>Headers :</b> x-amzn-RequestId (string) : Unique request reference identifier.
<b>413</b>	The request size exceeded the maximum accepted size. <b>Headers :</b> x-amzn-RequestId (string) : Unique request reference identifier.
<b>415</b>	The request payload is in an unsupported format. <b>Headers :</b> x-amzn-RequestId (string) : Unique request reference identifier.

<b>HTTP Code</b>	<b>Description</b>
<b>429</b>	The frequency of requests was greater than allowed. <b>Headers :</b> x-amzn-RequestId (string) : Unique request reference identifier.
<b>500</b>	An unexpected condition occurred that prevented the server from fulfilling the request. <b>Headers :</b> x-amzn-RequestId (string) : Unique request reference identifier.
<b>503</b>	Temporary overloading or maintenance of the server. <b>Headers :</b> x-amzn-RequestId (string) : Unique request reference identifier.

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

### GET /shipping/v2/shipments/additionalInputs/schema

#### Operation: getAdditionalInputs

##### Description

Returns the JSON schema to use for providing additional inputs when needed to purchase a shipping offering. Call the getAdditionalInputs operation when the response to a previous call to the getRates operation indicates that additional inputs are required for the rate (shipping offering) that you want to purchase.

##### Usage Plan:

Default Quota	Unit
5	Requests Per Second

The x-amzn-RateLimit-Limit response header returns the usage plan rate limits that were applied to the requested operation, when available. The table above indicates the default rate for this operation. For more information, see [Usage Plans and Rate Limits in the Selling Partner API](#).

##### Parameters

Type	Name	Description	Sche
Query	<b>requestToken</b> <i>required</i>	The request token returned in the response to the getRates operation.	string
Query	<b>rateId</b> <i>required</i>	The rate identifier for the shipping offering (rate) returned in the response to the getRates operation.	string

Type	Name	Description	Schema
Header	<b>x-amz-access-token</b> <i>required</i>	Amazon shipping request token	string
Header	<b>x-amzn-shipping-business-id</b> <i>optional</i>	Amazon shipping business to assume for this request. The default is AmazonShipping_UK.	enum: <a href="#">shipperId</a>
Responses	HTTP Code	Description	Schema
	<b>200</b>	<p>Success.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">GetAdditionalRateLimits</a>
	<b>401</b>	<p>The request's Authorization header is not formatted correctly or does not contain a valid token.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
	<b>413</b>	<p>The request size exceeded the maximum accepted size.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
	<b>415</b>	<p>The request payload is in an unsupported format.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>

HTTP Code	Description	Schema
429	<p>The frequency of requests was greater than allowed.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
500	<p>An unexpected condition occurred that prevented the server from fulfilling the request.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>
503	<p>Temporary overloading or maintenance of the server.</p> <p><b>Headers :</b></p> <p>x-amzn-RateLimit-Limit (string) : Your rate limit (requests per second) for this operation.</p> <p><i>Note:</i> For this status code, the rate limit header is deprecated and no longer returned.</p> <p>x-amzn-RequestId (string) : Unique request reference identifier.</p>	<a href="#">ErrorList</a>

For additional error status codes, descriptions and schemas, see [Error responses and schemas](#).

### Error Responses and Schemas

This table contains HTTP status codes and associated information for error responses.

HTTP Code	Description
400	<p>Request has missing or invalid parameters and cannot be parsed.</p> <p><b>Headers:</b></p> <p>x-amzn-RateLimit-Limit (string):Your rate limit (requests per second) for this operation.</p> <p>x-amzn-RequestId (string):Unique request reference identifier.</p>
403	<p>Indicates that access to the resource is forbidden. Possible reasons include Access Denied, Unauthorized, Expired Token, or Invalid Signature.</p> <p><b>Headers:</b></p> <p>x-amzn-RequestId (string):Unique request reference identifier.</p>

HTTP Code	Description
<b>404</b>	<p>The resource specified does not exist.</p> <p><b>Headers:</b></p> <p>x-amzn-RateLimit-Limit (string):Your rate limit (requests per second) for this operation. x-amzn-RequestId (string):Unique request reference identifier.</p>

## Definitions

### Error

Error response returned when the request is unsuccessful.

Name	Description
<b>code</b> <i>required</i>	An error code that identifies the type of error that occurred.
<b>message</b> <i>required</i>	A message that describes the error condition.
<b>details</b> <i>optional</i>	Additional details that can help the caller understand or fix the issue.

### ErrorList

A list of error responses returned when a request is unsuccessful.

Name	Schema
<b>errors</b> <i>required</i>	< <a href="#">Error</a> > array

### Weight

The weight in the units indicated.

Name	Description	Schema
<b>unit</b> <i>required</i>	The unit of measurement.	enum ( <a href="#">Unit</a> )
<b>value</b> <i>required</i>	The measurement value.	number

### LiquidVolume

Liquid Volume.

Name	Description	Schema
<b>unit required</b>	The unit of measurement.	enum ( <a href="#">Unit</a> )

<b>value required</b>	The measurement value.	number
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### InvoiceDetails

The invoice details for charges associated with the goods in the package. Only applies to certain regions.

Name	Description	Schema
<b>invoiceNumber optional</b>	The invoice number of the item.	string

<b>invoiceDate optional</b>	The invoice date of the item in ISO 8061 format.	string (date)
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### ChargeList

A list of charges based on the shipping service charges applied on a package.

Type : < [ChargeComponent](#) > array

### ChargeComponent

The type and amount of a charge applied on a package.

Name	Description	Schema
<b>amount optional</b>	The monetary value in the currency indicated, in ISO 4217 standard format.	<a href="#">Currency</a>

<b>chargeType optional</b>	The type of charge.	enum (chargeType)
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### Currency

The monetary value in the currency indicated, in ISO 4217 standard format.

Name	Description
<b>value required</b>	The monetary value.

Name	Description	
<b>unit</b> <i>required</i>	The ISO 4217 format 3-character currency code. <b>minLength</b> : 3 <b>maxLength</b> : 3	
<b>Dimensions</b>		
A set of measurements for a three-dimensional object.		
Name	Description	Schema
<b>length</b> <i>required</i>	The length of the package.	number
<b>width</b> <i>required</i>	The width of the package.	number
<b>height</b> <i>required</i>	The height of the package.	number
<b>unit</b> <i>required</i>	The unit of measurement.	enum ( <a href="#">Unit</a> )
<b>RequestToken</b>		
A unique token generated to identify a getRates operation.		
<i>Type</i> : string		
<b>RateId</b>		
An identifier for the rate (shipment offering) provided by a shipping service provider.		
<i>Type</i> : string		
<b>CarrierId</b>		
The carrier identifier for the offering, provided by the carrier.		
<i>Type</i> : string		
<b>CarrierName</b>		
The carrier name for the offering.		
<i>Type</i> : string		
<b>PackageClientReferenceId</b>		
A client provided unique identifier for a package being shipped. This value should be saved by the client to pass as a parameter to the getShipmentDocuments operation.		
<i>Type</i> : string		

**ShipmentId**

The unique shipment identifier provided by a shipping service.

*Type* : string

**DetailCodes**

A list of codes used to provide additional shipment information.

*Type* : enum

Value	Description
<b>BusinessClosed</b>	Attempted delivery but the business was closed.
<b>CustomerUnavailable</b>	Attempted delivery but the recipient was unavailable.
<b>PaymentNotReady</b>	Attempted delivery but cash was not available from recipient.
<b>OtpNotAvailable</b>	Attempted delivery but the recipient did not have the PIN available.
<b>DeliveryAttempted</b>	Delivery was attempted.
<b>UnableToAccess</b>	Attempted delivery but could not access the recipient location.
<b>UnableToContactRecipient</b>	Attempted delivery but unable to contact the recipient to coordinate delivery.
<b>DeliveredToBehindWheelieBin</b>	Shipment delivered behind wheelie bin.
<b>DeliveredToPorch</b>	Shipment delivered to front porch or front door.
<b>DeliveredToGarage</b>	Shipment delivered to garage.
<b>DeliveredToGarden</b>	Shipment delivered to garden.
<b>DeliveredToGreenhouse</b>	Shipment delivered to greenhouse.
<b>DeliveredToMailSlot</b>	Shipment delivered to letterbox/mail slot.
<b>DeliveredToMailRoom</b>	Shipment delivered to mailroom.
<b>DeliveredToNeighbor</b>	Shipment delivered and signed for by neighbor.
<b>DeliveredToRearDoor</b>	Shipment delivered to rear porch or rear door.

<b>Value</b>	<b>Description</b>
<b>DeliveredToReceptionist</b>	Shipment delivered to reception.
<b>DeliveredToShed</b>	Shipment delivered to shed.
<b>Signed</b>	Shipment delivered and signature received.
<b>Damaged</b>	Shipment was damaged. When paired with Rejected this indicates the recipient refused to accept the shipment because the shipment was damaged. When paired with Undeliverable it means the shipment was undeliverable due to being damaged and may be returned to the seller.
<b>IncorrectItems</b>	Recipient refused to accept the shipment because the shipment contains incorrect items.
<b>NotRequired</b>	Recipient refused to accept the shipment because the recipient did not want the items.
<b>Rejected</b>	Recipient refused to accept the shipment.
<b>CancelledByRecipient</b>	Shipment was cancelled by the recipient. This tag is paired with the rejected tag.
<b>AddressNotFound</b>	Shipment is undeliverable and is returning to seller because the address was not found or is incorrect.
<b>HazmatShipment</b>	Shipment is non-compliant Hazmat.
<b>Undeliverable</b>	Shipment is undeliverable and is returning to the seller.

#### **TrackingDetailCodes**

Contains detail codes that provide additional details related to the forward and return leg of the shipment.

<b>Name</b>	<b>Description</b>	<b>Schema</b>
<b>forward</b> <b>required</b>	Contains detail codes that provide additional details related to the forward leg of the shipment.	<xs:element name="forward" type="xs:string"/> and <xs:element name="required" type="xs:string"/>
<b>returns</b> <b>required</b>	Contains detail codes that provide additional details related to the return leg of the shipment.	<xs:element name="returns" type="xs:string"/> and <xs:element name="required" type="xs:string"/>

#### **TrackingId**

The carrier generated identifier for a package in a purchased shipment.

*Type : string*

### **AlternateLegTrackingId**

The carrier generated reverse identifier for a returned package in a purchased shipment.

*Type* : string

### **ServiceId**

An identifier for the shipping service.

*Type* : string

Please find the current list of service id [here](#).

### **ServiceName**

The name of the shipping service.

*Type* : string

Please find the current list of service name [here](#).

### **AdditionalAddressNotes**

Address notes to re-attempt delivery with.

*Type* : string

**maxLength** : 256

### **ShipperInstruction**

The shipper instruction.

<b>Name</b>	<b>Description</b>
<b>deliveryNotes</b> <i>optional</i>	The delivery notes for the shipment <b>maxLength</b> : 256

### **Address**

The address.

<b>Name</b>	<b>Description</b>
<b>name</b> <i>required</i>	The name of the person, business or institution at the address. <b>minLength</b> : 1 <b>maxLength</b> : 50
<b>addressLine1</b> <i>required</i>	The first line of the address. <b>minLength</b> : 1 <b>maxLength</b> : 60

Name	Description	Sch
<b>addressLine2</b> <i>optional</i>	Additional address information, if required. <b>minLength</b> : 1 <b>maxLength</b> : 60	
<b>addressLine3</b> <i>optional</i>	Additional address information, if required. <b>minLength</b> : 1 <b>maxLength</b> : 60	
<b>companyName</b> <i>optional</i>	The name of the business or institution associated with the address.	
<b>stateOrRegion</b> <i>optional</i>	The state, county or region where the person, business or institution is located.	
<b>city</b> <i>required</i>	The city or town where the person, business or institution is located.	
<b>countryCode</b> <i>required</i>	The two digit country code. Follows ISO 3166-1 alpha-2 format.	
<b>postalCode</b> <i>required</i>	The postal code of that address. It contains a series of letters or digits or both, sometimes including spaces or punctuation.	
<b>email</b> <i>optional</i>	The email address of the contact associated with the address. <b>maxLength</b> : 64	
<b>phoneNumber</b> <i>optional</i>	The phone number of the person, business or institution located at that address, including the country calling code. <b>minLength</b> : 1 <b>maxLength</b> : 20	
<b>geocode</b> <i>optional</i>	Defines the latitude and longitude of the access point.	
<b>Geocode</b>		
Defines the latitude and longitude of the access point.		
Name	Description	Sch
<b>latitude</b> <i>optional</i>	The latitude of access point.	strin

Name	Description	Sch
<b>longitude</b> <i>optional</i>	The longitude of access point.	string
<b>StateOrRegion</b>	The state, county or region where the person, business or institution is located.	
<i>Type</i> : string		
<b>City</b>	The city or town where the person, business or institution is located.	
<i>Type</i> : string		
<b>CountryCode</b>	The two digit country code. Follows ISO 3166-1 alpha-2 format.	
<i>Type</i> : string		
<b>PostalCode</b>	The postal code of that address. It contains a series of letters or digits or both, sometimes including spaces or punctuation.	
<i>Type</i> : string		
<b>Location</b>	The location where the person, business or institution is located.	
Name	Description	
<b>stateOrRegion</b> <i>optional</i>	The state, county or region where the person, business or institution is located.	
<b>city</b> <i>optional</i>	The city or town where the person, business or institution is located.	
<b>countryCode</b> <i>optional</i>	The two digit country code. Follows ISO 3166-1 alpha-2 format.	
<b>postalCode</b> <i>optional</i>	The postal code of that address. It contains a series of letters or digits or both, sometimes including spaces or punctuation.	
<b>DocumentFormat</b>	The file format of the document.	
<i>Type</i> : enum		

<b>Value</b>	<b>Description</b>
<b>PDF</b>	The Portable Document Format (PDF) file format. Used to present documents, including text formattings, in a manner independent of application software, hardware, and operating systems.
<b>PNG</b>	Portable Network Graphics (PNG) is a raster-graphics file format that supports lossless data compression.
<b>ZPL</b>	Zebra Programming Language (ZPL) format is from Zebra Technologies. It's used primarily for labeling and can only be used with ZPL compatible printers.

### **RequestAttributes**

Specify the type of attributes to be added on a label.

*Type : < [LabelAttribute](#) > array*

#### **LabelAttribute**

*Type : enum*

<b>Value</b>	<b>Description</b>
<b>PACKAGE_CLIENT_REFERENCE_ID</b>	Prints client reference ID on the shipping label.
<b>SELLER_DISPLAY_NAME</b>	Prints seller name on the shipping label.
<b>COLLECT_ON_DELIVERY_AMOUNT</b>	Prints Collect On Delivery amount on the shipping label.

### **DocumentType**

The type of shipping document.

*Type : enum*

<b>Value</b>	<b>Description</b>
<b>PACKSLIP</b>	A listing of the items packed within the shipment.
<b>LABEL</b>	The shipping label for the specific shipment.
<b>RECEIPT</b>	The receipt of the shipment.

### **Dpi**

The dots per inch (DPI) value used in printing. This value represents a measure of the resolution of the document.

*Type : integer*

## **PageLayout**

Indicates the position of the label on the paper. Should be the same value as returned in getRates response.

*Type* : string

## **NeedFileJoining**

When true, files should be stitched together. Otherwise, files should be returned separately. Defaults to false.

*Type* : boolean

## **Contents**

A Base64 encoded string of the file contents.

*Type* : string

## **PackageDocumentList**

A list of documents related to a package.

*Type* : < [PackageDocument](#) > array

## **PackageDocument**

A document related to a package.

Name	Description	Schema
<b>type</b> <i>required</i>	The type of shipping document.	<a href="#">DocumentType</a>
<b>format</b> <i>required</i>	The file format of the document.	<a href="#">DocumentFormat</a>
<b>contents</b> <i>required</i>	A Base64 encoded string of the file contents.	<a href="#">Contents</a>

## **PrintOptionList**

A list of the format options for a label.

*Type* : < [PrintOption](#) > array

## **PrintOption**

The format options available for a label.

Name	Description	Schema
<b>supportedDPIS</b> <i>optional</i>	A list of the supported DPI options for a document.	< <a href="#">Dpi</a> > array
<b>supportedPageLayouts</b> <i>required</i>	A list of the supported page layout options for a document.	< <a href="#">PageLayout</a> >
<b>supportedFileJoiningOptions</b> <i>required</i>	A list of the supported needFileJoining boolean values for a document.	< <a href="#">NeedFileJoining</a> >
<b>supportedDocumentDetails</b> <i>required</i>	A list of the supported documented details.	< <a href="#">SupportedDocumentDetail</a> > array
<b>DocumentSize</b>		
The size dimensions of the label.		
Name	Description	
<b>width</b> <i>required</i>	The width of the document measured in the units specified.	
<b>length</b> <i>required</i>	The length of the document measured in the units specified.	
<b>unit</b> <i>required</i>	The unit of measurement.	
<b>SupportedDocumentDetail</b>		
The supported document types for a service offering.		
Name	Description	Sche
<b>name</b> <i>required</i>	The type of shipping document.	<a href="#">Doc</a>
<b>isMandatory</b> <i>required</i>	When true, the supported document type is required.	boole
<b>RequestedDocumentSpecification</b>		
The document specifications requested. For calls to the purchaseShipment operation, the shipment purchase fails if the specified document specifications are not among those returned in the response to the getRates operation.		

Name	Description	Schema
<b>format</b> <i>required</i>	The file format of the document.	<a href="#">DocumentFormat</a>
<b>size</b> <i>required</i>	The size dimensions of the label.	<a href="#">DocumentSize</a>
<b>dpi</b> <i>optional</i>	The dots per inch (DPI) value used in printing. This value represents a measure of the resolution of the document.	<a href="#">Dpi</a>
<b>pageLayout</b> <i>optional</i>	Indicates the position of the label on the paper. Should be the same value as returned in getRates response.	<a href="#">PageLayout</a>
<b>needFileJoining</b> <i>required</i>	When true, files should be stitched together. Otherwise, files should be returned separately. Defaults to false.	<a href="#">NeedFileJoining</a>
<b>requestedDocumentTypes</b> <i>required</i>	A list of the document types requested.	< <a href="#">DocumentType</a>
<b>requestedLabelCustomization</b> <i>optional</i>	Object contains customised data requested by a shipper to be printed on a shipping label.	< <a href="#">RequestLabelCustomization</a> array

### SupportedDocumentSpecificationList

A list of the document specifications supported for a shipment service offering.

Type : < [SupportedDocumentSpecification](#) > array

### SupportedDocumentSpecification

Document specification that is supported for a service offering.

Name	Description	Schema
<b>format</b> <i>required</i>	The file format of the document.	<a href="#">DocumentFormat</a>
<b>size</b> <i>required</i>	The size dimensions of the label.	<a href="#">DocumentSize</a>
<b>printOptions</b> <i>required</i>	A list of the format options for a label.	<a href="#">PrintOptionList</a>

### Item

An item in a package.

Name	Description	Schema
<b>itemValue</b> <i>optional</i>	The monetary value in the currency indicated, in ISO 4217 standard format.	<a href="#">Currency</a>
<b>description</b> <i>optional</i>	The product description of the item.	string
<b>itemIdentifier</b> <i>Conditional</i>	A unique identifier for an item provided by the client. Please use the <a href="#">orders api</a> and populate this field with the response parameter OrderItemId  <i>Note: This is Required field for Amazon Marketplace Orders (ON Amazon type requests).</i>	string
<b>quantity</b> <i>required</i>	The number of units. This value is required.	integer
<b>weight</b> <i>required</i>	The weight in the units indicated.	<a href="#">Weight</a>
<b>liquidVolume</b> <i>optional</i>	Liquid Volume.	<a href="#">LiquidVolume</a>
<b>isHazmat</b> <i>optional</i>	When true, the item qualifies as hazardous materials (hazmat). Defaults to false.	boolean
<b>dangerousGoodsDetails</b> <i>optional</i>	Details related to any dangerous goods/items that are being shipped.	<a href="#">DangerousG</a>
<b>productType</b> <i>optional</i>	The product type of the item.	string
<b>invoiceDetails</b> <i>optional</i>	The invoice details for charges associated with the goods in the package. Only applies to certain regions.	<a href="#">InvoiceDetail</a>
<b>serialNumbers</b> <i>optional</i>	A list of unique serial numbers in an Amazon package that can be used to guarantee non-fraudulent items. The number of serial numbers in the list must be less than or equal to the quantity of items being shipped. Only applicable when channel source is Amazon.	< string > arr
<b>directFulfillmentItemIdentifiers</b> <i>optional</i>	Item identifiers for an item in a direct fulfillment shipment.	<a href="#">DirectFulfil</a>

## ItemList

A list of items.

Type : < [Item](#) > array

## Package

A package to be shipped through a shipping service offering.

Name	Description	Schema
<b>dimensions required</b>	A set of measurements for a three-dimensional object.	<a href="#">Dimensions</a>
<b>weight required</b>	The weight in the units indicated.	<a href="#">Weight</a>
<b>insuredValue required</b>	The monetary value in the currency indicated, in ISO 4217 standard format.	<a href="#">Currency</a>
<b>isHazmat optional</b>	When true, the package contains hazardous materials. Defaults to false.	boolean
<b>sellerDisplayName optional</b>	The seller name displayed on the label.	string
<b>charges optional</b>	A list of charges based on the shipping service charges applied on a package.	<a href="#">Charges</a>
<b>packageClientReferenceId required</b>	A client provided unique identifier for a package being shipped. This value should be saved by the client to pass as a parameter to the getShipmentDocuments operation.	<a href="#">Package</a>
<b>items required</b>	A list of items.	<a href="#">ItemList</a>

## PackageList

A list of packages to be shipped through a shipping service offering.

Type : < [Package](#) > array

## DirectFulfillmentItemIdentifiers

Item identifiers for an item in a direct fulfillment shipment.

Name	Description
<b>lineItemID</b> <i>required</i>	A unique identifier for an item provided by the client for a direct fulfillment shipment. This is populated for direct fulfillment multi-piece shipments. It is required if a vendor wants to change the configuration of the packages in which the purchase order is shipped.
<b>pieceNumber</b> <i>optional</i>	A unique identifier for an item provided by the client for a direct fulfillment shipment. This is populated if a single line item has multiple pieces. Defaults to 1.

#### PackageDocumentDetail

The post-purchase details of a package that will be shipped using a shipping service.

Name	Description	Schema
<b>packageClientReferenceId</b> <i>required</i>	A client provided unique identifier for a package being shipped. This value should be saved by the client to pass as a parameter to the getShipmentDocuments operation.	<a href="#">Package</a>
<b>packageDocuments</b> <i>required</i>	A list of documents related to a package.	<a href="#">Package</a>
<b>trackingId</b> <i>optional</i>	The carrier generated identifier for a package in a purchased shipment.	<a href="#">Tracking</a>

#### PackageDocumentDetailList

A list of post-purchase details about a package that will be shipped using a shipping service.

Type : < [PackageDocumentDetail](#) > array

#### TimeWindow

The start and end time that specifies the time interval of an event.

Name	Description	Schema
<b>start</b> <i>optional</i>	The start time of the time window.	string (date-time)
<b>end</b> <i>optional</i>	The end time of the time window.	string (date-time)

#### Promise

The time windows promised for pickup and delivery events.

Name	Description
<b>deliveryWindow</b> <i>optional</i>	The start and end time that specifies the time interval of an event.
<b>pickupWindow</b> <i>optional</i>	The start and end time that specifies the time interval of an event.

### RequestedValueAddedServiceList

The value-added services to be added to a shipping service purchase.

Type : < [RequestedValueAddedService](#) > array

#### RequestedValueAddedService

A value-added service to be applied to a shipping service purchase.

Name	Description
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<b>id</b> <i>required</i>	The identifier of the selected value-added service. Must be among those returned in the response getRates operation.
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### AvailableValueAddedServiceGroupList

A list of value-added services available for a shipping service offering.

Type : < [AvailableValueAddedServiceGroup](#) > array

#### AvailableValueAddedServiceGroup

The value-added services available for purchase with a shipping service offering.

Name	Description	Schema
<b>groupId</b> <i>required</i>	The type of the value-added service group.	string
<b>groupDescription</b> <i>required</i>	The name of the value-added service group.	string
<b>isRequired</b> <i>required</i>	When true, one or more of the value-added services listed must be specified.	boolean
<b>valueAddedServices</b> <i>optional</i>	A list of optional value-added services available for purchase with a shipping service offering.	< <a href="#">ValueAddedService</a> > array

### ValueAddedService

A value-added service available for purchase with a shipment service offering.

Name	Description	Schema
<b>id</b> <i>required</i>	The identifier for the value-added service.	string
<b>name</b> <i>required</i>	The name of the value-added service.	string
<b>cost</b> <i>required</i>	The cost of the value-added service.	number
<b>CollectOnDelivery</b>	The amount to collect on delivery.	
<b>Name</b>	<b>Description</b>	
<b>amount</b> <i>required</i>	The monetary value in the currency indicated, in ISO 4217 standard format.	string
<b>ValueAddedServiceDetails</b>	A collection of supported value-added services.	
Name	Description	Schema
<b>collectOnDelivery</b> <i>optional</i>	The amount to collect on delivery.	<a href="#">CollectOnDelivery</a>
<b>DangerousGoodsDetails</b>	Details related to any dangerous goods/items that are being shipped.	
Name	Description	Schema
<b>unitedNationsRegulatoryId</b> <i>optional</i>	The specific UNID of the item being shipped. <b>Pattern :</b> "^(UN)[0-9]{4}\$"	string
<b>transportationRegulatoryClass</b> <i>optional</i>	The specific regulatory class of the item being shipped. <b>Pattern :</b> "^[1-9](\\.[1-9])?\$\$" <b>Note</b> if transportationRegulatoryClass is 2 or 3 then please populate <a href="#">LiquidVolume</a>	string
<b>packingGroup</b> <i>optional</i>	The specific packaging group of the item being shipped.	enum

Name	Description	Sche
<b>packingInstruction</b> <i>optional</i>	The specific packing instruction of the item being shipped.	enum (Pac
<b>TaxType</b>	Indicates the type of tax.  <i>Type</i> : enum	
Value	Description	
<b>GST</b>	Goods and Services Tax.	
<b>TaxDetail</b>	Indicates the tax specifications associated with the shipment for customs compliance purposes in certain regions.	
Name	Description	
<b>taxType</b> <i>required</i>	Indicates the type of tax.	
<b>taxRegistrationNumber</b> <i>required</i>	The shipper's tax registration number associated with the shipment for customs compliance purposes in certain regions.	
<b>TaxDetailList</b>	A list of tax detail information.  <i>Type</i> : < <a href="#">TaxDetail</a> > array	
<b>EventCode</b>	The tracking event type.  <i>Type</i> : enum	
Value	Description	
<b>ReadyForReceive</b>	Package has been created and is ready for pickup at the shippers location. This is a event code.	
<b>PickupDone</b>	Package has been picked up by the service provider.	
<b>Delivered</b>	Package has been delivered.	
<b>Departed</b>	Package has departed from a particular location in carrier network.	

<b>Value</b>	<b>Description</b>
<b>DeliveryAttempted</b>	Delivery was attempted, but was unsuccessful.
<b>Lost</b>	Package is lost.
<b>OutForDelivery</b>	Package is out for delivery.
<b>ArrivedAtCarrierFacility</b>	Package is in transit and has been received at a carrier location.
<b>Rejected</b>	Package was rejected by the recipient.
<b>Undeliverable</b>	Package is undeliverable.
<b>PickupCancelled</b>	Pickup scheduled for the package was cancelled.
<b>ReturnInitiated</b>	Return label has been generated.
<b>AvailableForPickup</b>	Package held for recipient pickup.

### Event

A tracking event.

<b>Name</b>	<b>Description</b>	<b>Sch</b>
<b>eventCode</b> <i>required</i>	The tracking event type.	<a href="#">Event</a>
<b>location</b> <i>optional</i>	The location where the person, business or institution is located.	<a href="#">Loc</a>
<b>eventTime</b> <i>required</i>	The ISO 8601 formatted timestamp of the event.	string
<b>shipmentType</b> <i>optional</i>	Shipment type.	<a href="#">Ship</a>

### TrackingSummary

A package status summary.

<b>Name</b>	<b>Description</b>	<b>S</b>
<b>status</b> <i>optional</i>	The status of the package being shipped.	<a href="#">S</a>

Name	Description
<b>trackingDetailCodes</b> <i>optional</i>	Contains detail codes that provide additional details related to the forward and return leg of the shipment.

### Status

The status of the package being shipped.

Type : enum

Value	Description
<b>PreTransit</b>	Package has been created but has not been picked up.
<b>InTransit</b>	Package has been picked up and is in transit.
<b>Delivered</b>	Package has been delivered successfully.
<b>Lost</b>	Package is lost.
<b>OutForDelivery</b>	Package is out for delivery.
<b>Rejected</b>	Package has been rejected by the recipient.
<b>Undeliverable</b>	Package was undeliverable.
<b>DeliveryAttempted</b>	Delivery was attempted to the recipient location, but was not delivered.
<b>PickupCancelled</b>	Pickup was cancelled for the package.
<b>AwaitingCustomerPickup</b>	Package held at facility for the customer pickup.

### AmazonOrderDetails

Amazon order information. This is required if the shipment source channel is Amazon.

Name	Description
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<b>orderId</b> <i>required</i>	The Amazon order ID associated with the Amazon order fulfilled by this shipment.
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### AmazonShipmentDetails

Amazon shipment information.

Name	Description
<b>shipmentId</b> <i>required</i>	This attribute is required only for a Direct Fulfillment shipment. This is the encrypted shipment ID.

### ChannelType

The shipment source channel type.

*Type* : enum

Value	Description
<b>AMAZON</b>	Indicates that the shipment originates from an Amazon order.
<b>EXTERNAL</b>	Indicates that the shipment originates from a non-Amazon channel.

### ChannelDetails

Shipment source channel related information.

Name	Description	Schema
<b>channelType</b> <i>required</i>	The shipment source channel type.	<a href="#">ChannelType</a>
<b>amazonOrderDetails</b> <i>optional</i>	Amazon order information. This is required if the shipment source channel is Amazon.	<a href="#">AmazonOrderDetails</a>
<b>amazonShipmentDetails</b> <i>optional</i>	Amazon shipment information.	<a href="#">AmazonShipmentDetails</a>

### RateList

A list of eligible shipping service offerings.

*Type* : < [Rate](#) > array

### Rate

The details of a shipping service offering.

Name	Description	Schema
<b>rateId</b> <i>required</i>	An identifier for the rate (shipment offering) provided by a shipping service provider.	<a href="#">RateId</a>
<b>carrierId</b> <i>required</i>	The carrier identifier for the offering, provided by the carrier.	<a href="#">CarrierId</a>

Name	Description	Schema
<b>carrierName</b> <i>required</i>	The carrier name for the offering.	<a href="#">CarrierName</a>
<b>serviceId</b> <i>required</i>	An identifier for the shipping service.	<a href="#">ServiceId</a>
<b>serviceName</b> <i>required</i>	The name of the shipping service.	<a href="#">ServiceName</a>
<b>billedWeight</b> <i>optional</i>	The weight in the units indicated.	<a href="#">Weight</a>
<b>totalCharge</b> <i>required</i>	The monetary value in the currency indicated, in ISO 4217 standard format.	<a href="#">Currency</a>
<b>promise</b> <i>required</i>	The time windows promised for pickup and delivery events.	<a href="#">Promise</a>
<b>supportedDocumentSpecifications</b> <i>required</i>	A list of the document specifications supported for a shipment service offering.	<a href="#">SupportedDocume</a>
<b>availableValueAddedServiceGroups</b> <i>optional</i>	A list of value-added services available for a shipping service offering.	<a href="#">AvailableValueAdd</a>
<b>requiresAdditionalInputs</b> <i>required</i>	When true, indicates that additional inputs are required to purchase this shipment service. You must then call the getAdditionalInputs operation to return the JSON schema to use when providing the additional inputs to the purchaseShipment operation.	boolean
<b>rateItemList</b> <i>optional</i>	A list of RateItem	<a href="#">RateitemList</a>
<b>paymentType</b> <i>optional</i>	Payment type of the purchase.	<a href="#">PaymentType</a>
<b>benefits</b> <i>optional</i>	Representing the included/excluded benefits that we offer for each ShippingOffering/Rate. Benefits being services provided by Amazon when sellers purchase shipping through Amazon.	<a href="#">Benefits</a>

### IneligibilityReasonCode

Reasons that make a shipment service offering ineligible.

Type : enum

Value	Description
NO_COVERAGE	The shipment is ineligible because there is no coverage to that location.
PICKUP_SLOT_RESTRICTION	The shipment is ineligible because there is an issue with the pickup slot.
UNSUPPORTED_VAS	The shipment is ineligible because the value-added service is unsupported for this shipment.
VAS_COMBINATION_RESTRICTION	The shipment is ineligible because an invalid combination of value-added services were chosen.
SIZE_RESTRICTIONS	The shipment is ineligible because the package dimensions are too large.
WEIGHT_RESTRICTIONS	The shipment is ineligible because the weight is unsupported.
LATE_DELIVERY	The shipment is ineligible because delivery is too late.
PROGRAM_CONSTRAINTS	The shipment is ineligible because of program constraints.
TERMS_AND_CONDITIONS_NOT_ACCEPTED	The shipment is ineligible because terms and conditions have not been accepted by the carrier.
UNKNOWN	The ineligibility reason is unknown.

### IneligibilityReason

The reason why a shipping service offering is ineligible.

Name	Description	Schema
code required	Reasons that make a shipment service offering ineligible.	<a href="#">IneligibilityReasonCode</a>
message required	The ineligibility reason.	string

### IneligibleRate

Detailed information for an ineligible shipping service offering.

Name	Description	Schema
<b>serviceId</b> <i>required</i>	An identifier for the shipping service.	<a href="#">ServiceId</a>
<b>serviceName</b> <i>required</i>	The name of the shipping service.	<a href="#">ServiceName</a>
<b>carrierName</b> <i>required</i>	The carrier name for the offering.	<a href="#">CarrierName</a>
<b>carrierId</b> <i>required</i>	The carrier identifier for the offering, provided by the carrier.	<a href="#">CarrierId</a>
<b>ineligibilityReasons</b> <i>required</i>	A list of reasons why a shipping service offering is ineligible.	< <a href="#">Ineligibility</a>

### IneligibleRateList

A list of ineligible shipping service offerings.

Type : < [IneligibleRate](#) > array

### CancelShipmentResult

The payload for the cancelShipment operation.

Type : object

### CancelShipmentResponse

Response schema for the cancelShipment operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the cancelShipment operation.	<a href="#">CancelShipment</a>

### GetRatesRequest

The request schema for the getRates operation. When the channelType is Amazon, the shipTo address is not required and will be ignored.

Name	Description	Schema
<b>shipTo</b> <i>optional</i>	The ship to address.	<a href="#">Address</a>

Name	Description	Schema
<b>shipFrom</b> <i>required</i>	The ship from address.	<a href="#">Address</a>
<b>returnTo</b> <i>optional</i>	The return to address.	<a href="#">Address</a>
<b>shipDate</b> <i>optional</i>	The ship date and time (the requested pickup). This defaults to the current date and time.	string ()
<b>shipperInstruction</b> <i>optional</i>	This field describe shipper instruction.	<a href="#">ShipperInstruction</a>
<b>packages</b> <i>required</i>	A list of packages to be shipped through a shipping service offering.	<a href="#">Package</a>
<b>valueAddedServices</b> <i>optional</i>	A collection of supported value-added services.	<a href="#">ValueAddedService</a>
<b>taxDetails</b> <i>optional</i>	A list of tax detail information.	<a href="#">TaxDetail</a>
<b>channelDetails</b> <i>required</i>	Shipment source channel related information.	<a href="#">ChannelDetail</a>
<b>clientReferenceDetails</b> <i>optional</i>	Object to pass additional information about the MCI Integrator shipperType: List of ClientReferenceDetail	<a href="#">ClientReferenceDetail</a>
<b>shipmentType</b> <i>optional</i>	Shipment type.	<a href="#">ShipmentType</a>
<b>destinationAccessPointDetails</b> <i>optional</i>	-	<a href="#">AccessPointDetail</a>

### AccessPointDetails

Name	Description	Schema
<b>accessPointId</b> <i>optional</i>	Unique identifier for the access point	<a href="#">AccessPointId</a>

### NdrAction

The type of NDR action shipper wants to take for a particular shipment.

Type : enum

Value	Description
<b>RESCHEDULE</b>	Seller wants to reschedule shipment delivery to a specific date.
<b>REATTEMPT</b>	Seller wants to re-attempt delivery with additional delivery notes.
<b>RTO</b>	Seller wants the shipment to return to the origin.

#### NdrrequestData

Additional information required for the NDR action that has been filed. If the NDR Action is RESCHEDULE, rescheduleDate is a required field. Otherwise, if the NDR Action is REATTEMPT, additionalAddressNotes is a required field.

Name	Description	Schema
<b>rescheduleDate</b> <i>optional</i>	The date on which the Seller wants to reschedule shipment delivery, in ISO-8601 date/time format <b>Example :</b> "2023-12-12T05:24:00.00Z"	string
<b>additionalAddressNotes</b> <i>optional</i>	Address notes to re-attempt delivery with.	<a href="#">AdditionalAddressNotes</a>

#### GetRatesResult

The payload for the getRates operation.

Name	Description	Schema
<b>requestToken</b> <i>required</i>	A unique token generated to identify a getRates operation.	<a href="#">RequestToken</a>
<b>rates</b> <i>required</i>	A list of eligible shipping service offerings.	<a href="#">Rates</a>
<b>ineligibleRates</b> <i>optional</i>	A list of ineligible shipping service offerings.	<a href="#">IneligibleRates</a>

#### GetRatesResponse

The response schema for the getRates operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the getRates operation.	<a href="#">GetRatesResponse</a>

#### GetShipmentDocumentsResult

The payload for the getShipmentDocuments operation.

Name	Description	Schema
<b>shipmentId</b> <i>required</i>	The unique shipment identifier provided by a shipping service.	<a href="#">Shipm...</a>
<b>packageDocumentDetail</b> <i>required</i>	The post-purchase details of a package that will be shipped using a shipping service.	<a href="#">Packa...</a>
<b>benefits</b> <i>optional</i>	Benefits that are included and excluded for each shipping offer.	<a href="#">Benef...</a>

### GetShipmentDocumentsResponse

The response schema for the the getShipmentDocuments operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the getShipmentDocuments operation.	<a href="#">GetShipmentDocu...</a>
<b>GetTrackingResult</b>		
	The payload for the getTracking operation.	
Name	Description	Schema
<b>trackingId</b> <i>required</i>	The carrier generated identifier for a package in a purchased shipment.	<a href="#">Trac...</a>
<b>alternateLegTrackingId</b> <i>required</i>	The carrier generated reverse identifier for a returned package in a purchased shipment.	<a href="#">Alte...</a>
<b>eventHistory</b> <i>required</i>	A list of tracking events.	<a href="#">&lt; Ev...</a>
<b>promisedDeliveryDate</b> <i>required</i>	The date and time by which the shipment is promised to be delivered.	<a href="#">strin...</a>
<b>summary</b> <i>required</i>	A package status summary.	<a href="#">Trac...</a>

### SubmitNdrFeedbackRequest

The request schema for the NdrFeedback operation

Name	Description	
<b>trackingId</b> <i>required</i>	The carrier generated identifier for a package in a purchased shipment.	
<b>ndrAction</b> <i>required</i>	The type of NDR action shipper wants to take for a particular shipment.	
<b>ndrrequestData</b> <i>optional</i>	Additional information required for the NDR action that has been filed. If the NDR Action is RESCHEDULE, rescheduleDate is a required field. Otherwise, if the NDR Action is REATTEMPT, additionalAddressNotes is a required field.	
<b>GetTrackingResponse</b>		
The response schema for the getTracking operation.		
Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the getTracking operation.	<a href="#">GetTrackingR</a>
<b>PurchaseShipmentRequest</b>		
The request schema for the purchaseShipment operation.		
Name	Description	Schema
<b>requestToken</b> <i>required</i>	A unique token generated to identify a getRates operation.	<a href="#">RequestToken</a>
<b>rateId</b> <i>required</i>	An identifier for the rate (shipment offering) provided by a shipping service provider.	<a href="#">RateId</a>
<b>requestedDocumentSpecification</b> <i>required</i>	The document specifications requested. For calls to the purchaseShipment operation, the shipment purchase fails if the specified document specifications are not among those returned in the response to the getRates operation.	<a href="#">RequestedDoc</a>
<b>requestedValueAddedServices</b> <i>optional</i>	The value-added services to be added to a shipping service purchase.	<a href="#">RequestedValue</a>
<b>additionalInputs</b> <i>optional</i>	The additional inputs required to purchase a shipping offering, in JSON format. The JSON provided here must adhere to the JSON schema that is returned in the response to the getAdditionalInputs operation.	object

Name	Description	Schema
	Additional inputs are only required when indicated by the requiresAdditionalInputs property in the response to the getRates operation.	

### PurchaseShipmentResult

The payload for the purchaseShipment operation.

Name	Description	Schema
<b>shipmentId</b> <i>required</i>	The unique shipment identifier provided by a shipping service.	<a href="#">Shipmen</a>
<b>packageDocumentDetails</b> <i>required</i>	A list of post-purchase details about a package that will be shipped using a shipping service.	<a href="#">Package</a>
<b>promise</b> <i>required</i>	The time windows promised for pickup and delivery events.	<a href="#">Promise</a>
<b>benefits</b> <i>optional</i>	Benefits that are included and excluded for each shipping offer.	<a href="#">Benefits</a>

### PurchaseShipmentResponse

The response schema for the purchaseShipment operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the purchaseShipment operation.	<a href="#">PurchaseShipmen</a>

### OneClickShipmentRequest

The request schema for the OneClickShipment operation. When the channelType is not Amazon, shipTo is required and when channelType is Amazon shipTo is ignored.

Name	Description	Schema
<b>shipTo</b> <i>optional</i>	The ship to address.	<a href="#">Address</a>
<b>shipFrom</b> <i>required</i>	The ship from address.	<a href="#">Address</a>

Name	Description	Schema
<b>returnTo</b> <i>optional</i>	The return to address.	<a href="#">Address</a>
<b>shipDate</b> <i>optional</i>	The ship date and time (the requested pickup). This defaults to the current date and time.	string (date-time)
<b>packages</b> <i>required</i>	A list of packages to be shipped through a shipping service offering.	<a href="#">PackageList</a>
<b>valueAddedServicesDetails</b> <i>optional</i>	The value-added services to be added to a shipping service purchase.	<a href="#">OneClickShipmentValueA</a>
<b>taxDetails</b> <i>optional</i>	A list of tax detail information.	<a href="#">TaxDetailList</a>
<b>channelDetails</b> <i>required</i>	Shipment source channel related information.	<a href="#">ChannelDetails</a>
<b>labelSpecifications</b> <i>required</i>	The document specifications requested. For calls to the purchaseShipment operation, the shipment purchase fails if the specified document specifications are not among those returned in the response to the getRates operation.	<a href="#">RequestedDocumentSpec</a>
<b>serviceSelection</b> <i>required</i>	Service Selection Criteria.	<a href="#">ServiceSelection</a>
<b>shipperInstruction</b> <i>optional</i>	Optional field for shipper instruction.	<a href="#">ShipperInstruction</a>
<b>destinationAccessPointDetails</b> <i>optional</i>	-	<a href="#">AccessPointDetails</a>

### OneClickShipmentResponse

The response schema for the OneClickShipment operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the OneClickShipment API.	<a href="#">OneClickShipmentRe</a>

## OneClickShipmentResult

The payload for the OneClickShipment API.

Name	Description	Schema
<b>shipmentId</b> <i>required</i>	The unique shipment identifier provided by a shipping service.	<a href="#">Shipmen</a>
<b>packageDocumentDetails</b> <i>required</i>	A list of post-purchase details about a package that will be shipped using a shipping service.	<a href="#">Package</a>
<b>promise</b> <i>required</i>	The time windows promised for pickup and delivery events.	<a href="#">Promise</a>
<b>carrier</b> <i>required</i>	Carrier Related Info	<a href="#">Carrier</a>
<b>service</b> <i>required</i>	Service Related Info	<a href="#">Service</a>
<b>totalCharge</b> <i>required</i>	The monetary value in the currency indicated, in ISO 4217 standard format.	<a href="#">Currency</a>

## GetAccessPointsResponse

The response schema for the GetAccessPoints operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The payload for the GetAccessPoints API.	<a href="#">GetAccessPointsRe</a>

## GetAccessPointsResult

The payload for the GetAccessPoints API.

Name	Description	Schema
<b>accessPointsMap</b> <i>required</i>	Map of type of access point to list of access points	<a href="#">Access</a>

## AccessPointsMap

Map of type of access point to list of access points

Type : < string, [AccessPointList](#) > map

## AccessPointId

Unique identifier for the access point

*Type* : string

#### **GetAdditionalInputsResult**

The JSON schema to use to provide additional inputs when required to purchase a shipping offering.

*Type* : object

#### **GetAdditionalInputsResponse**

The response schema for the getAdditionalInputs operation.

Name	Description	Schema
<b>payload</b> <i>optional</i>	The JSON schema to use to provide additional inputs when required to purchase a shipping offering.	<a href="#">GetAdditionalInputsResult</a>

#### **ClientReferenceDetails**

Object to pass additional information about the MCI Integrator shipperType: List of ClientReferenceDetail

*Type* : < [ClientReferenceDetail](#) > array

#### **ClientReferenceDetail**

Client Reference Details

Name	Description	Schema
<b>clientReferenceType</b> <i>required</i>	Client Reference type.	enum ( <a href="#">ClientReferenceType</a> )
<b>clientReferenceld</b> <i>required</i>	The Client Reference Id.	string

#### **ShipmentType**

Shipment type.

*Type* : enum

Value	Description
<b>FORWARD</b>	Additional information about shipment representing package journey from origin address to destination address in the original transportation/shipping request.
<b>RETURNS</b>	Additional information about shipment representing package journey from destination address to origin address in the original transportation/shipping request.

## **PaymentType**

Payment type of the purchase.

*Type* : enum

<b>Value</b>	<b>Description</b>
<b>PAY_THROUGH_AMAZON</b>	Payment Through Amazon.
<b>PAY_DIRECT_TO_CARRIER</b>	Payment Direct to Carrier.
<b>RateItem</b>	
A list of RateItem	
<i>Type</i> : < <a href="#">RateItem</a> > array	
<b>RateItem</b>	
Rate Item for shipping (base cost, transaction fee, confirmation, insurance, etc.) Data source definition:	
<b>Name</b>	<b>Description</b>
<b>rateItemID</b> <i>optional</i>	Unique ID for the rateitem.
<b>rateItemType</b> <i>optional</i>	Type of the rateitem.
<b>rateItemCharge</b> <i>optional</i>	The monetary value in the currency indicated, in ISO 4217 standard format.
<b>rateItemNameLocalization</b> <i>optional</i>	Used for the localization.
<b>RateItemID</b>	
Unique ID for the rateitem.	
<i>Type</i> : enum	
<b>Value</b>	<b>Description</b>
<b>BASE_RATE</b>	for Base Rate.
<b>TRANSACTION_FEE</b>	Charge for TransAction Fee.
<b>ADULT_SIGNATURE_CONFIRMATION</b>	Charge for Adult Signature Confirmation.

Value	Description
<b>SIGNATURE_CONFIRMATION</b>	Charge for signature confirmation.
<b>NO_CONFIRMATION</b>	Charge for No Confirmation.
<b>WAIVE_SIGNATURE</b>	Charge for Waive Signature.
<b>IMPLIED LIABILITY</b>	Charge for Implied Liability.
<b>HIDDEN_POSTAGE</b>	Hidden Postage Charge.
<b>DECLARED_VALUE</b>	Declared Value Coverage Charge.
<b>SUNDAY_HOLIDAY_DELIVERY</b>	Sunday Holiday Delivery Charge.
<b>DELIVERY_CONFIRMATION</b>	Charge for Delivery Confirmation.
<b>IMPORT_DUTY_CHARGE</b>	Import Duty Charge.
<b>VAT</b>	Vat Charge.
<b>NO_SATURDAY_DELIVERY</b>	Charge for No Saturday Delivery.
<b>INSURANCE</b>	Insurance Charge.
<b>COD</b>	COD Charge.
<b>FUEL_SURCHARGE</b>	Fuel Surcharge.
<b>INSPECTION_CHARGE</b>	Inspection Charge.
<b>DELIVERY_AREA_SURCHARGE</b>	Delivery Area Surcharge.
<b>WAYBILL_CHARGE</b>	WayBill Charge.
<b>AMAZON_SPONSORED_DISCOUNT</b>	Amazon Sponsored Discount.
<b>INTEGRATOR_SPONSORED_DISCOUNT</b>	Integrator Sponsored Discount.
<b>OVERSIZE_SURCHARGE</b>	OverSize Surcharge.
<b>CONGESTION_CHARGE</b>	Congestion Charge.

<b>Value</b>	<b>Description</b>
<b>RESIDENTIAL_SURCHARGE</b>	Residential Surcharge.
<b>ADDITIONAL_SURCHARGE</b>	Additional Surcharge.
<b>SURCHARGE</b>	Surcharge.
<b>REBATE</b>	Rebate.

#### **RateItemType**

Type of the rateitem.

*Type* : enum

<b>Value</b>	<b>Description</b>
<b>MANDATORY</b>	Rate Item is mandatory.
<b>OPTIONAL</b>	Rate Item is Optional.
<b>INCLUDED</b>	Rate Item is included.

#### **Benefits**

Benefits that are included and excluded for each shipping offer. Benefits represents services provided by Amazon (eg. CLAIMS\_PROTECTED, etc.) when sellers purchase shipping through Amazon. Benefit details will be made available for any shipment placed on or after January 1st 2024 00:00 UTC.

<b>Name</b>	<b>Description</b>
<b>includedBenefits</b> <i>required</i>	A list of included benefits.
<b>excludedBenefits</b> <i>required</i>	A list of excluded benefit. Refer to the ExcludeBenefit object for further documentation

#### **IncludedBenefits**

A list of included benefits.

*Type* : < string > array

#### **ExcludedBenefits**

A list of excluded benefit. Refer to the ExcludeBenefit object for further documentation

*Type* : < [ExcludeBenefit](#) > array

### **ExcludedBenefit**

Object representing a benefit that is excluded for a shipping offer or rate.

Name	Description	Schema
<b>benefit</b> <i>required</i>	Benefit that is being excluded from a shipment.	string
<b>reasonCodes</b> <i>required</i>	List of reasons (eg. LATE_DELIVERY_RISK, etc.) indicating why a benefit is excluded for a shipping offer.	<a href="#">ExcludedBenefitReasonCodes</a>

### **ExcludedBenefitReasonCodes**

List of reasons (eg. LATE\_DELIVERY\_RISK, etc.) indicating why a benefit is excluded for a shipping offer.

Type : < string > array

**Min items** : 1

### **ServiceSelection**

Service Selection Criteria.

Name	Description	Schema
<b>serviceld</b> <i>required</i>	A list of Serviceld.	<a href="#">Servicelds</a>

### **Servicelds**

A list of Serviceld.

Type : < string > array

Please find the current list of service id [here](#).

### **OneClickShipmentValueAddedServiceDetails**

The value-added services to be added to a shipping service purchase.

Type : < [OneClickShipmentValueAddedService](#) > array

### **OneClickShipmentValueAddedService**

A value-added service to be applied to a shipping service purchase.

Name	Description
<b>id</b> <i>required</i>	The identifier of the selected value-added service.

Name	Description
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<b>amount</b> <i>optional</i>	The monetary value in the currency indicated, in ISO 4217 standard format.
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### Service

Service Related Info

Name	Description
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<b>id</b> <i>required</i>	An identifier for the shipping service.
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[Schema](#)

<b>name</b> <i>required</i>	The name of the shipping service.
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[ServiceName](#)

### Carrier

Carrier Related Info

Name	Description
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<b>id</b> <i>required</i>	The carrier identifier for the offering, provided by the carrier.
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[CarrierId](#)

<b>name</b> <i>required</i>	The carrier name for the offering.
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[CarrierName](#)

### PackingGroup

The specific packaging group of the item being shipped.

Type : enum

Value	Description
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I	Packing group I indicates great danger.
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[PackingGroupI](#)

II	Packing group II indicates medium danger.
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[PackingGroupII](#)

III	Packing group III indicates minor danger.
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[PackingGroupIII](#)

### ClientReferenceType

Client Reference type.

Type : enum

<b>Value</b>	<b>Description</b>
<b>IntegratorShipperId</b>	The unique identifier assigned to a 3P seller by the shipping integrator.
<b>IntegratorMerchantId</b>	The unique identifier assigned to a 3P shipping integrator by Amazon.
<b>ChargeType</b>	
The type of charge.	
<i>Type : enum</i>	
<b>Value</b>	<b>Description</b>
<b>TAX</b>	A tax imposed on a package.
<b>DISCOUNT</b>	A discount deducted from the cost of a package.
<b>PackingInstruction</b>	
The specific packing instruction of the item being shipped.	
<i>Type : enum</i>	
<b>Value</b>	<b>Description</b>
<b>PI965_SECTION_IA</b>	Ion PI965 Section IA (LiBa)
<b>PI965_SECTION_IB</b>	Ion PI965 Section IB (LiBa)
<b>PI965_SECTION_II</b>	Ion PI965 Section II (LiBa)
<b>PI966_SECTION_I</b>	Ion PI966 Section I (LiBa with equipment)
<b>PI966_SECTION_II</b>	Ion PI966 Section II (LiBa with equipment)
<b>PI967_SECTION_I</b>	Ion PI967 Section I (LiBa in equipment)
<b>PI967_SECTION_II</b>	Ion PI967 Section II (LiBa in equipment)
<b>PI968_SECTION_IA</b>	Metal PI968 Section IA (LiBa)
<b>PI968_SECTION_IB</b>	Metal PI968 Section IB (LiBa)
<b>PI969_SECTION_I</b>	Metal PI969 Section I (LiBa with equipment)

<b>Value</b>	<b>Description</b>
<b>PI969_SECTION_II</b>	Metal PI969 Section II (LiBa with equipment)

<b>PI970_SECTION_I</b>	Metal PI970 Section I (LiBa in equipment)
<b>PI970_SECTION_II</b>	Metal PI970 Section II (LiBa in equipment)

#### **X-amzn-shipping-business-id**

Amazon shipping business to assume for this request. The default is AmazonShipping\_UK.

*Type : enum*

<b>Value</b>	<b>Description</b>
<b>AmazonShipping_US</b>	The United States Amazon shipping business.
<b>AmazonShipping_IN</b>	The India Amazon shipping business.
<b>AmazonShipping_UK</b>	The United Kingdom Amazon shipping business.
<b>AmazonShipping_IT</b>	The Italy Amazon shipping business.
<b>AmazonShipping_ES</b>	The Spain Amazon shipping business.
<b>AmazonShipping_FR</b>	The France Amazon shipping business.

#### **carrier-id**

Amazon shipping carrier-id to be used for tracking api.

*Type : enum*

<b>Value</b>	<b>Description</b>
<b>AMZN_US</b>	The United States Amazon shipping carrier id.
<b>ATS</b>	The India Amazon shipping carrier id.
<b>AMZN_UK</b>	The United Kingdom Amazon shipping carrier id.
<b>AMZN_IT</b>	The Italy Amazon shipping carrier id.
<b>AMZN_ES</b>	The Spain Amazon shipping carrier id.

Value	Description
<b>AMZN_FR</b>	The France Amazon shipping carrier id.

#### AccessPointTypes

*Type* : enum

Value	Description
<b>HELIX</b>	Available now for AccessPoints APIs
<b>CAMPUS_LOCKER</b>	-
<b>OMNI_LOCKER</b>	-
<b>ODIN_LOCKER</b>	-
<b>DOBBY_LOCKER</b>	-
<b>CORE_LOCKER</b>	-
<b>3P</b>	-
<b>CAMPUS_ROOM</b>	-

#### Unit

*Type* : enum

For use with the definition(s): [LiquidVolume](#)

The unit of measurement.

Value	Description
<b>ML</b>	Milliliter - Metric unit of volume.
<b>L</b>	Liter - Metric unit of volume.
<b>FL_OZ</b>	Fluid Ounce - Imperial unit of volume.
<b>GAL</b>	Gallon - Imperial unit of volume.
<b>PT</b>	Pint - Imperial unit of volume.
<b>QT</b>	Quart - Imperial unit of volume.

<b>Value</b>	<b>Description</b>
<b>C</b>	Cup - Imperial unit of volume.

**For use with the definition(s):** [Dimensions](#), [DocumentSize](#)  
The unit of measurement.

<b>Value</b>	<b>Description</b>
<b>INCH</b>	The imperial unit of length equal to one twelfth of a foot.

<b>CENTIMETER</b>	A metric unit of length, equal to one hundredth of a meter.
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**For use with the definition(s):** [Weight](#)  
The unit of measurement.

<b>Value</b>	<b>Description</b>
<b>GRAM</b>	Metric unit of mass equal to one thousandth of a kilogram.
<b>KILOGRAM</b>	Metric unit of mass.
<b>OUNCE</b>	The imperial unit of weight that is one sixteenth of a pound.
<b>POUND</b>	The imperial unit of weight.