



InsureShield®
Shipping Insurance
by UPS Capital

Technical Implementation Reference Guide

V2 CP

Two-call API

Does not require shipment-level detail for quote

US Version

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Overview

1.1. APIs

The acronym "API" stands for "Application Programming Interface".

APIs in their simplest form allow the transmission of data. APIs are an industry standard interface designed for external/internal software programs to accomplish specific tasks, usually for retrieving or modifying data in applications. In more advanced approaches, APIs are deployed to deliver streaming video, audio, and telephony services via smartphones, televisions, or internet-enabled kiosks.

The most popular approach to APIs is the open-data movement. Using APIs, data owners can easily expose information from data silos, allowing public or private access to large and small datasets.

UPS Capital APIs provide methods to interact/perform operations on their client transactional data within the UPS Capital network.

Programmers use the APIs to make interactive applications, websites and other projects. These programs will talk to the UPS Capital IT systems over industry standard network protocols. APIs are built using existing web technology, specifically the HTTP/HTTPS protocol that the World Wide Web employs to deliver content around the globe.

We conform to the design principles of Representational State Transfer (REST). Typically, we use a RESTful design for our APIs. The concept of REST is to separate the API structure into logical resources.

We use the HTTP methods GET, DELETE, POST and PUT to operate with the resources.

- Methods to retrieve data from the API require a GET request.
- Methods that create data require a POST request.
- Methods that update data require a PUT request.
- Methods that delete data require a DELETE request.

The API presently supports the JSON format only.

APIs require a particular HTTP method to return an error response if the request is not made with the correct payload (aka input).

1.2. Getting Started

The first step is to ensure all the contractual agreements between UPS Capital (UPSC) and the new Channel Partner (CP) are completed. Once the agreements are finalized, the UPSC IT API integration team will setup a sandbox environment for the new Channel Partner with sample rates to enable the API interactions. The CP IT team will reach out to the UPSC API team for user credentials and other information for enabling secure REST API- based interactions with UPS Capital IT systems.

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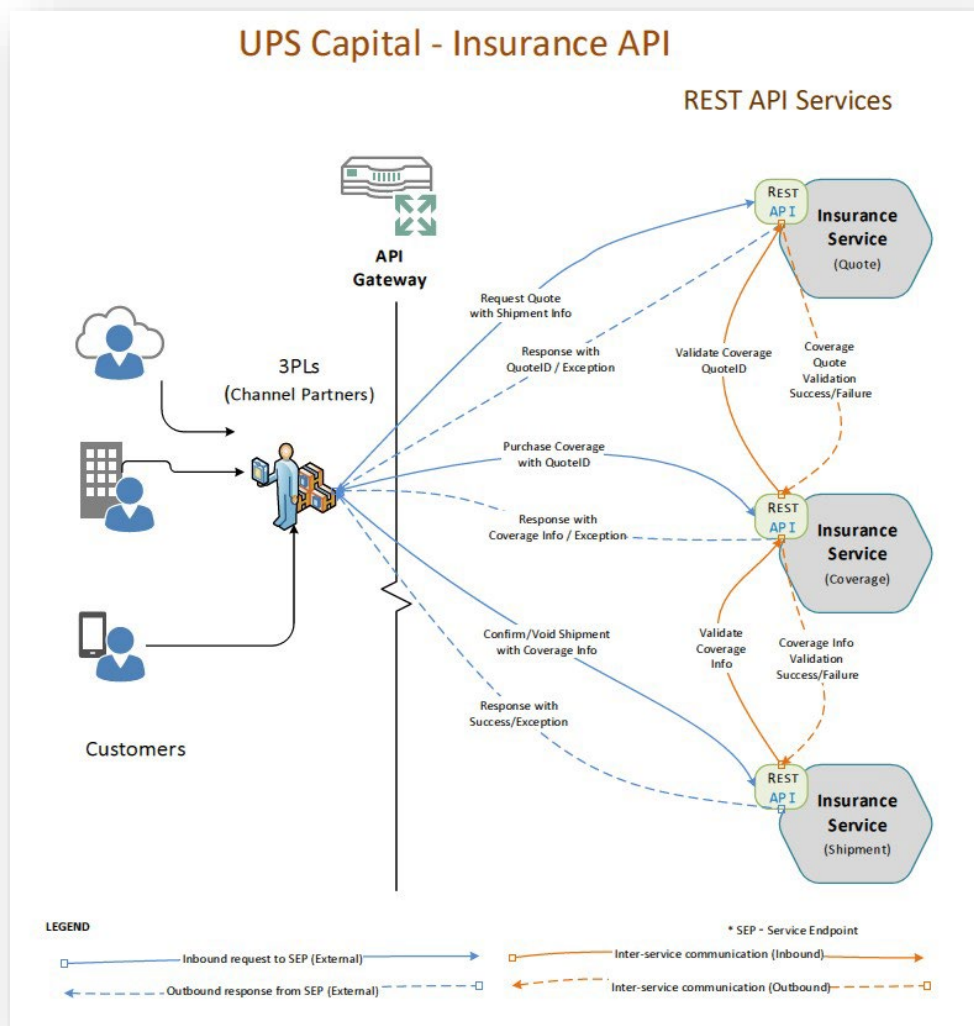
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1.3. Security / Authentication

UPS Capital APIs use secure JWT tokens for service authentication. Any calls to the REST API endpoint should be made bearer tokens in the request headers in addition to using the secured JWT tokens provided by the UPS Capital API Integration team.

During the customer onboarding process, the customer procures a unique Secure Token with certain customer credentials generated by the API Integration team for enabling communication between provider (UPS Capital) and consumer (Customer).

1.4. Insurance Service Workflow Overview





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Insurance Service - APIs

2. Insurance Service - URLs UPS

Capital Insurance Coverage API

The API's purpose is to allow customers to get quotes and purchase insurance coverage for safe and timely package/cargo delivery.

2.1. Create Quote

Customer's request for a new insurance quote by providing the necessary shipment information.

Post

<https://upscapi-rzd.ams1907.com/apis/list-extstg/v3/quotes>

This method creates a quote in the system for insurance coverage.

Request

Request Parameters

body * (required)

Quote object needs to be sent to the API as a request payload...

Request Headers

Content-Type : application/json

Bearer : < secure token issued by API integration team >

X-IBM-Client-Id : <provided by API integration team>

X-IBM-Client-Secret : <provided by API integration team>

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Model :

Create Quote

```
{
```

| | |
|-------------------------------------|---|
| <code>partnerId</code> | String Required Indicates Partner Id, assigned by UPS Capital to the Channel Partner ex: XXX001 |
| <code>shipperId</code> | String Required Indicates Customer shipper identifier. Value should be unique for each shipper account. |
| <code>insuredValue</code> | number(\$double) Required Indicates Insured Value of the shipment |
| <code>commodityCode</code> | String Required Indicates numeric commodity code of item in the shipment |
| <code>shipmentType</code> | Int Required Indicates the type of shipment the quote is for 1- FTL/FCL 2- LTL/LCL 3- Small Package 4- Ground Freight Pricing 5- Ocean 6- Air 7- Mail or Parcel Post |
| <code>destinationcountryCode</code> | String Required Indicates the package destination country code |
| <code>origincountryCode</code> | String Required Indicates the package origin country code |

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Example:

```
{
  "partnerId": "XXX001",
  "insuredValue": "500",
  "shipperId": "W230499252",
  "shipmentType": "1",
  "commodityCode": "400",
  "originCountry": "US",
  "destinationCountry": "FR"
}
```

Response

| Response Headers | |
|---------------------------------|--|
| content type : application/json | |
| Code | Description |
| 200 | <p>Successful Operation</p> <p>QuoteReturn{ quoteId <code>string(\$UUID)</code></p> <p>Indicates the uniquely generated QuoteId by UPS Capital for the customer requested shipment information</p> |

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| | |
|----------------------------|--|
| <code>premiumAmount</code> | <code>number(\$double)</code> Indicates the insurance premium value for the Shipment Value & commodity in the quote request |
| <code>quoteDateTime</code> | <code>string(\$datetime)</code> |

| | |
|---------------------------|--|
| <code>quoteValidTo</code> | Indicates the date & time of the QuoteId generation by UPS Capital <code>string(\$datetime)</code> |
| <code>quoteInfo</code> | Indicates the date & time the QuoteId is Valid for customer to purchase shipment coverage <pre> QuoteInfo{ partnerID string status string ShipmentInfo: { insuredValue number(\$double) commodityCode string shipmentType int } originAddress: { countryCode string } destinationAddress:{ countryCode string } } </pre> |

| | |
|-------------------|--|
| <p>400</p> | <p>Invalid payload format</p> <pre> ApiResponseFault{ code integer(\$int32) message string description string errors [errors{ code String field string message string }] } </pre> <p>Indicates the internal indiv</p> |
| <p>401</p> | <p>Invalid payload data</p> <pre> ApiResponseFault{ code integer(\$int32) message String description String errors [errors{ code field string message string }] } </pre> |
| <p>404</p> | <p>Resource not found</p> <pre> ApiResponseFault{ code integer(\$int32) </pre> |

| | |
|--|---|
| | <pre> message String description String errors [errors{ code string </pre> |
|--|---|

| | | |
|---|---------|--------|
| | field | string |
| | message | string |
| | }] | |
| } | | |

Example:

200 - Successful Operation

```
{
  "quoteId": "5c8bcsgdf-91cc-4cc9-bd20-d885b6c175e0",
  "premiumAmount": "270.40",
  "quoteDateTime": "2017-09-11T09:54:29.521",
  "quoteValidTo": "2017-10-11T09:54:29.521",
  "quoteInfo": {
    "partnerId": "XXX001",
    "status": "UNCONFIRMED",
  },
  "shipmentInfo": {
    "insuredValue": "130120.00",
    "commodityCode": "400",
    "shipmentType": "1"
  },
  "originAddress": {
    "countryCode": "US"
  },
  "destinationAddress": {
    "countryCode": "US"
  }
}
```

400 - Invalid Payload format

```
{  
  "errors": [  
    {  
      "errorCode": "400",  
      "errorMessage": "Error.Product.Id.Invalid.or.Null"  
    }  
  ]  
}
```

401 - Invalid Payload data

```
{  
  "errors": [  
    {  
      "errorCode": "401",  
      "errorMessage": "The Token issued is not valid."  
    }  
  ]  
}
```

2.2. Coverage

Customer's purchase of a previously requested insurance quote by providing the necessary shipment and quote information.

Post <https://upscapi-rzd.ams1907.com/apis/list-extstg/v3/confirmQuote>

This method places an order for purchasing a previously requested insurance quote.

Request

Request Parameters

body * (required)

Quote object needs to be sent to the API as a request payload...

Request Headers

Content-Type : application/json

Bearer : < secure token issued by API integration team >

X-IBM-Client-Id : <provided by API integration team>

X-IBM-Client-Secret : <provided by API integration team>

Model :

Coverage

```
{
  QuoteId      String ($UUID)
                Required
                Indicates the UPSC QuoteId(from Quote Response) by UPS
                Capita corresponding customer requested quote.

  Status       String
                Required
                Indicates status of the Package that is being insured by the
                Channel Partner

  productid    String
                Required
                Same as in the original quote request

  locationID   String
                Required
                Same as in the original quote request

  transactionID String
                Required
                Indicates a unique identifier of the customer transaction
}
```

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from the Channel Partner IT System

| | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|------------------|---|--------------------|--|-----------------|---|------------|--|---------------------|---|--------------------------|---|----------------------|--|----------------|--|-----------------|---|------------------|--|
| partnerId | String Required Same as in the original quote request | | | | | | | | | | | | | | | | | | | | |
| upscCustomerID | String Required Same as in the original quote request | | | | | | | | | | | | | | | | | | | | |
| quoteShipmentInfo | <table border="0"> <tr> <td>shipperId</td> <td>String Required Indicates Customer shipper identifier. Value should be unique for each shipper account.</td> </tr> <tr> <td>shipperName</td> <td>String Indicates Customer shipper name</td> </tr> <tr> <td>shipDate</td> <td>String(\$date) Required Indicates package shipment date. Fmt: YYYY-MM-DD Eg: "2017-10-20"</td> </tr> <tr> <td>bol</td> <td>String Required Indicates Bill of Lading number for the shipment</td> </tr> <tr> <td>insuredValue</td> <td>number(\$double) Required Indicates Insured Value of the shipment</td> </tr> <tr> <td>commodityCodeType</td> <td>String Indicates type of the Commodity Code that is being shipped ex: UPSC</td> </tr> <tr> <td>commodityCode</td> <td>String Required Indicates numeric commodity code of item in the shipment</td> </tr> <tr> <td>carrier</td> <td>String Indicates transportation carrier.</td> </tr> <tr> <td>Oversize</td> <td>Boolean Required Indicates if the shipment package is over normal size limits. Y or N</td> </tr> <tr> <td>usedGoods</td> <td>Boolean Required Indicates if the shipment content is new or</td> </tr> </table> | shipperId | String Required Indicates Customer shipper identifier. Value should be unique for each shipper account. | shipperName | String Indicates Customer shipper name | shipDate | String(\$date) Required Indicates package shipment date. Fmt: YYYY-MM-DD Eg: "2017-10-20" | bol | String Required Indicates Bill of Lading number for the shipment | insuredValue | number(\$double) Required Indicates Insured Value of the shipment | commodityCodeType | String Indicates type of the Commodity Code that is being shipped ex: UPSC | commodityCode | String Required Indicates numeric commodity code of item in the shipment | carrier | String Indicates transportation carrier. | Oversize | Boolean Required Indicates if the shipment package is over normal size limits. Y or N | usedGoods | Boolean Required Indicates if the shipment content is new or |
| shipperId | String Required Indicates Customer shipper identifier. Value should be unique for each shipper account. | | | | | | | | | | | | | | | | | | | | |
| shipperName | String Indicates Customer shipper name | | | | | | | | | | | | | | | | | | | | |
| shipDate | String(\$date) Required Indicates package shipment date. Fmt: YYYY-MM-DD Eg: "2017-10-20" | | | | | | | | | | | | | | | | | | | | |
| bol | String Required Indicates Bill of Lading number for the shipment | | | | | | | | | | | | | | | | | | | | |
| insuredValue | number(\$double) Required Indicates Insured Value of the shipment | | | | | | | | | | | | | | | | | | | | |
| commodityCodeType | String Indicates type of the Commodity Code that is being shipped ex: UPSC | | | | | | | | | | | | | | | | | | | | |
| commodityCode | String Required Indicates numeric commodity code of item in the shipment | | | | | | | | | | | | | | | | | | | | |
| carrier | String Indicates transportation carrier. | | | | | | | | | | | | | | | | | | | | |
| Oversize | Boolean Required Indicates if the shipment package is over normal size limits. Y or N | | | | | | | | | | | | | | | | | | | | |
| usedGoods | Boolean Required Indicates if the shipment content is new or | | | | | | | | | | | | | | | | | | | | |

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| | | |
|--------------------|-------------|---|
| | | used goods N or U |
| modeOfTransport | String | Required Indicates the Mode of Transportation. 1- Air 2- Ground 3- Ocean |
| consigneeName | String | Indicates the Name of Consignee |
| description | String | Indicates detailed information of the shipment goods |
| shipmentType | Int | Required Indicates the type of shipment the quote is for 1- FTL/FCL 2- LTL/LCL 3- Small Package 4- Ground Freight Pricing 5- Ocean 6- Air 7- Mail or Parcel Post |
| destinationAddress | | Indicates the package destination address/location to where the insured package is shipped |
| | address1 | String Required |
| | address2 | String |
| | city | String Required |
| | state | String Required |
| | postalCode | String Required |
| | countryCode | String Required |
| originAddress | | Indicates the package origin address/location to where the insured package is shipped |
| | address1 | String Required |
| | address2 | String |
| | city | String Required |
| | state | String Required |
| | postalCode | String Required |

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| | | | |
|---|--|---------------------|-----------------|
| | <code>countryCode</code> | <code>String</code> | Required |
| <code>payablesAttentionTo</code> | <code>String</code> | | Required |
| | Indicates the shipper payable information, usually used for claims payment | | |
| <code>payablesAddress</code> | | | |
| | <code>address1</code> | <code>String</code> | Required |
| | <code>address2</code> | <code>String</code> | |
| | <code>city</code> | <code>String</code> | Required |
| | <code>state</code> | <code>String</code> | Required |
| | <code>postalCode</code> | <code>String</code> | Required |
| | <code>countryCode</code> | <code>String</code> | Required |
| | Indicates the shipper payables address information, usually used for claims payment | | |
| <code>shipperPrincipal</code> | <code>String</code> | | Required |
| | Indicates Shipper's Name that will be used for Office of Foreign Assets Control (OFAC) screening | | |
| <code>shipperAddress</code> | | | |
| | <code>address1</code> | <code>String</code> | Required |
| | <code>address2</code> | <code>String</code> | |
| | <code>city</code> | <code>String</code> | Required |
| | <code>state</code> | <code>String</code> | Required |
| | <code>postalCode</code> | <code>String</code> | Required |
| | <code>countryCode</code> | <code>String</code> | Required |
| | Indicates the shipper address/location used for OFAC screening | | |
| ShipmentStatus | | | |
| Enum: | | | |
| [UNCONFIRMED, CONFIRMED, VOID] | | | |
| For Confirm Shipment request, "CONFIRMED" & "VOID" are the only value allowed. | | | |
| <ul style="list-style-type: none"> - UNCONFIRMED status can change to CONFIRMED or VOID. - CONFIRMED status can change to VOID if within 180 minutes of status being CONFIRMED. | | | |
| VOID status cannot be changed. To purchase valid coverage, one need to start over by submitting a new create quote request again. | | | |

Example:

```
{
  "quoteId": "3446c4c812d3482885d10b183bc1b96d",
  "status": "CONFIRMED",
  "productId": "1",
  "locationId": "111156106",
  "transactionID": "9810002",
  "partnerId": "XXX001",
  "upscCustomerID": "XXX",
  "quoteShipmentInfo": {
    "shipperId": "W230499252",
    "shipperName": "VIACHEMO",
    "shipDate": "2023-08-17",
    "bol": "866030730023",
    "insuredValue": "2700.00",
    "commodityCodeType": "UPSC",
    "commodityCode": "400",
    "usedGoods": "N",
    "modeOfTransport": "2",
    "consigneeName": "Dan",
    "insuranceAuthorization": "",
    "description": "Big pallet of goods",
    "shipmentType": "1",
    "carrier": "UPS",
    "oversize": "N"
  },
  "destinationAddress": {
    "address1": "30520 SE 84th St.",
    "address2": ".",
    "city": "Wombat",
    "state": "WA",
    "postalCode": "98010",
    "countryCode": "FR"
  },
  "originAddress": {
    "address1": "5003 Lionsgate Rd",
    "address2": ".",
    "city": "Preston",
    "state": "GA",
    "postalCode": "30290",
    "countryCode": "US"
  },
  "payablesAttentionTo": "Carter",
  "payablesAddress": {
    "address1": "100 N Central Expressway",
    "address2": "Ste 720",
    "city": "Atlanta",
    "postalCode": "10101",
    "countryCode": "US",
    "state": "GA"
  },
  "shipperPrincipal": "VIACHEMO",
  "shipperAddress": {
```

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```

    "address1": "5003 Right Rd",
    "address2": ".",
    "city": "Athens",
    "postalCode": "11133",
    "countryCode": "US",
    "state": "GA"
  }
}

```

Response

| Response | |
|---------------------------------|---|
| Content Type : application/json | |
| Code | Description |
| 200 | <p>Successful Operation</p> <pre> { "quoteId": "d84116da312648889949ceef1d139169", "payablesAttentionTo": "Andy Dulin", "premiumAmount": "8.00", "quoteInfo": { "17roductid": "1", "locationId": "1111561065", "transactionID": "9810", "partnerId": "TESTCP002", "shipperPrincipal": "VIACHEMO", "status": "UNCONFIRMED", "upscCustomerId": "TES", "shipmentInfo": { "shipperId": "W230499252", "shipperName": "VIACHEMO", "carrier": "RLCA", "shipDate": "2022-08-24", "bol": "86603073", "insuredValue": "600.00", "commodityCodeType": "UPSC", "commodityCode": "400", "oversize": "N", "usedGoods": "N", "modeOfTransport": "2", "consigneeName": "Test 002", "shipmentType": "1", "description": "Big pallet of stuff" }, "originAddress": { "address1": "5003 Wrightsboro Rd", "address2": ".", "city": "Preston", "state": "GA", "postalCode": "30290", </pre> |

| | |
|-------------------|---|
| | <pre> "countryCode": "US" }, "destinationAddress": { "address1": "30520 SE 84th St.", "address2": ".", "city": "Wombat", "state": "WA", "postalCode": "98010", "countryCode": "US" }, "payablesAddress": { "address1": "100 N Central Expressway", "address2": "Ste 720", "city": "Atlanta", "state": "GA", "postalCode": "10101", "countryCode": "us" }, "shipperAddress": { "address1": "5003 Wrightsboro Rd", "address2": ".", "city": "Taylor", "state": "GA", "postalCode": "11133", "countryCode": "us" } } </pre> |
| <p>400</p> | <p>Invalid payload format</p> <pre> ApiResponseFault{ code integer(\$int32) message string description string errors [errors{ code field string message string }] } </pre> |
| <p>404</p> | <p>Resource not found</p> <pre> ApiResponseFault{ code integer(\$int32) } </pre> |

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```
message      string

description  string

errors      [errors{ code      string
                  field      string
                  message     string
                }]

}
```

Error Messages

3.1 Error Messages Matrix

| API | Scenario | Error Code | Error Messages |
|--------------|---------------------------------------|------------|---|
| Create Quote | Invalid Partner ID | 401 | Token does not match assigned PartnerID. Please verify with IT resource. |
| Create Quote | Shipper ID is missing or invalid | 400 | Shipper ID is missing or invalid. Please enter alphanumeric characters only, no special characters. ShipperID indicates customer shipper identifier. Value should be unique for each shipper account. |
| Create Quote | Insured Value is missing or Invalid | 400 | Insured Value is invalid. Please provide a numeric value with two decimal places. ex: 100.00 |
| Create Quote | Commodity Code is missing or Invalid | 400 | Commodity Code is missing or invalid. CommodityCode indicates numeric commodity code of item in the shipment. |
| Create Quote | Origin Country Error | 400 | Please enter a valid origin Country, only alphabetical characters allowed |
| Create Quote | Destination Country Error | 400 | Please enter a valid destination Country, only alphabetical characters allowed |
| Coverage | Ship Date field is missing or invalid | 400 | Ship Date is invalid. Please enter date in YYYY-MM-DD format. Ex: 2022-07-06 |
| Coverage | Commodity Code is missing or invalid | 400 | Commodity Code is missing or invalid. CommodityCode indicates numeric commodity code of item in the shipment. |
| Coverage | Over Size field is missing or invalid | 400 | Oversized indicator is missing or in the incorrect format. Please provide "Y" or "N" response. Oversize field indicates if the shipment package is over normal size limits. |
| Coverage | Product ID field is missing | 400 | Product ID is missing. This field only accepts numeric characters. ProductID indicates product ID value assigned by UPS Capital, by default "1" for Channel Partners. |
| Coverage | Product ID is invalid | 400 | Invalid Product ID. This field only accepts numeric characters. |

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| | | | |
|----------|--|-----|---|
| | | | ProductID indicates product ID value assigned by UPS Capital, by default "1" for Channel Partners. |
| Coverage | Location ID field is missing or invalid | 400 | Location ID field is missing or NULL. LocationID indicated the ID Channel Partner assigns to their customer |
| Coverage | Shipper Principle is missing or invalid | 400 | Shipper Principle is missing or invalid, Please enter alphanumeric characters; only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' ShipperPrinciple indicates Shipper's Name that will be used for Office of Foreign Assets Control (OFAC) screening. |
| Coverage | Payable Attention to is missing or invalid | 400 | Payable Attention to is missing or invalid. Please enter alphanumeric characters; only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' PayableAttentionTo indicates the shipper payable information, usually used for claims payment. |
| Coverage | Partner ID field is missing or invalid | 401 | Partner ID field is invalid |
| Coverage | UPSC Customer ID is invalid or NULL | 400 | UPSC Customer ID is missing or invalid, Please enter alphanumeric characters only, remove all special characters. UPSCCustomerID indicates franchise identifier assigned by UPS Capital ex: XXX |
| Coverage | Transaction ID is Invalid or Null | 400 | Transaction ID is missing or invalid. Please enter alphanumeric value not exceeding 31 characters. Transaction ID indicates a unique identifier of the customer transaction from the Channel Partner IT System |
| Coverage | Status is Invalid or Null | 400 | Status must be set to UNCONFIRMED |
| Coverage | Shipper Name is missing or Invalid | 400 | Shipper Name is invalid. Please enter alphanumeric characters; only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' ShipperName indicates customer shipper name. |
| Coverage | Carrier is Invalid | 400 | Carrier field is invalid. Please enter alphanumeric characters only. |

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| | | | |
|----------|-------------------------------------|-----|---|
| Coverage | BOL is invalid | 400 | BOL is invalid. Please enter alphanumeric characters only. BOL indicates the Bill of Lading for shipments |
| Coverage | BOL is missing | 400 | BOL is missing |
| Coverage | Insured Value is missing or Invalid | 400 | Insured Value is invalid. Please provide a numeric value with two decimal places. ex: 100.00 |
| Coverage | Used field is missing or invalid | 400 | Used Goods field missing or invalid. Please enter "N" (New) or "U" (Used) UsedGoods indicates if the shipment content is new or used goods. |
| Coverage | Destination Address1 error | 400 | Please enter a valid destination address. Please enter alphanumeric characters; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' ` |
| Coverage | Destination Address2 error | 400 | Please enter a valid destination address. Please enter alphanumeric characters; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' ` |
| Coverage | Destination city error | 400 | Please enter a valid destination City, only alphabetical characters allowed |
| Coverage | Destination State error | 400 | Please enter a valid destination US State Code for US, CA or PR country Code |
| Coverage | Destination Postal Code Error | 400 | Please enter a valid destination Postal Code, only alphanumeric characters allowed |
| Coverage | Destination Country | 400 | Please enter a valid destination Country, only alphanumeric characters allowed |
| Coverage | Origin Address1 error | 400 | Please enter a valid origin address. Please enter alphanumeric characters; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' ` |
| Coverage | Origin Address2 error | 400 | Please enter a valid origin address. Please enter alphanumeric characters; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' ` |
| Coverage | Origin city error | 400 | Please enter a valid origin City, only alphabetical characters allowed |

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| | | | |
|----------|--------------------------------------|-----|--|
| Coverage | Origin State error | 400 | Please enter a valid origin US State Code for US, CA or PR country Code |
| Coverage | Origin Postal Code Error | 400 | Please enter a valid origin Postal Code, only alphanumerical characters allowed |
| Coverage | Origin Country | 400 | Please enter a valid origin Country, only alphanumerical characters allowed |
| Coverage | Payables Attention To Address1 error | 400 | Please enter a valid Payable Address 1 |
| Coverage | Payables Attention To Address2 error | 400 | Please enter a valid Payable Address 3 |
| Coverage | Payables Attention To city error | 400 | Please enter a valid Payables City |
| Coverage | Payables Attention To State error | 400 | Please enter a valid State Code for Payables State |
| Coverage | Payables Attention To Code Error | 400 | Please enter a valid Payables Country Code |
| Coverage | Payables Attention To Country | 400 | Please enter a valid Payable Postal Code |
| Coverage | Shipper Principle Address1 error | 400 | Shipper Address 1 is missing or invalid. Please enter Alphanumeric characters; only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| Coverage | Shipper Principle Address2 error | 400 | Shipper Address 2 is missing or invalid. Please enter Alphanumeric characters; only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| Coverage | Shipper Principle city error | 400 | Please enter a valid Shipper City |
| Coverage | Shipper Principle State error | 400 | Shipper State is missing or invalid. Please enter a valid US State Code for US, CA, or PR Country Code |
| Coverage | Shipper Principle Postal Code Error | 400 | Please enter a valid Shipper Posta Code |
| Coverage | Shipper Principle Country | 400 | Please enter a valid Shipper Country Code |

3.2 Field Validations

| Field Name | Validations |
|---------------------------------|---|
| All Address Fields - Name | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| All Address Fields - City | Alphabetical |
| All Address Fields- Address 1,2 | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| All Address Fields - State | Valid US State Code for US, CA, or PR Country Code |
| All Address Fields - Country | Alphabetical |
| ProductId | Numeric |
| Location | Alphanumeric |
| Shipper Principle | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| Payables Attention To | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| PartnerId | Alphanumeric |
| UpscCustomerId | Alphanumeric |
| TransactionId | Numeric |
| Status | Confirmed/Unconfirmed/Void |
| ShipperId | Alphanumeric |
| ShipperName | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| Carrier | Alphanumeric |
| ShipDate | Date/Validation |
| Bol | Numeric |
| InsuredValue | Decimal |
| CommodityCodeType | Alphanumeric |
| CommodityCode | Numeric |
| Oversize/usedGoods | Y/N |
| ModeOfTransport | Numeric |

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|------------------------|---|
| ConsigneeName | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| TrackingNumber | Numeric |
| Description | None |
| TransactionType | Numeric |
| ShipmentType | Numeric |
| Contact First Name | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| Contact Last Name | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| Secondary Contact Name | Alphanumeric; Only the following special characters are allowed: - + & () / , ~ ` # . : ; " * ' |
| | |