

Technical Implementation Reference Guide

V1 CP

Three-call API Requires shipment-level detail for quote

US Version



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Overview



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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



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the UPSC API team for user credentials and other information for enabling secure REST API- based interactions with UPS Capital IT systems.

1.3. Security / Authentication

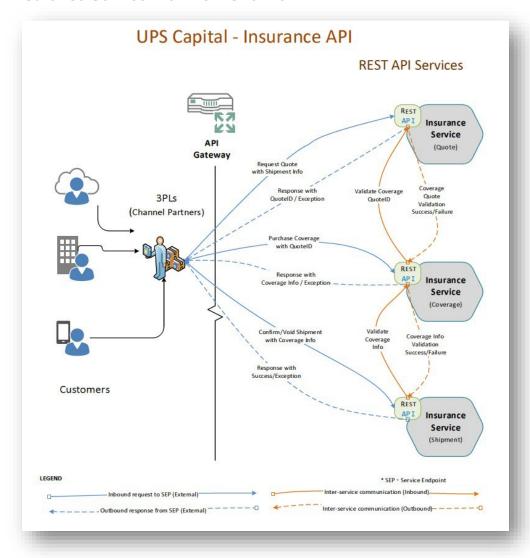
UPS Capital APIs use secure JWT tokens for service authentication. Any calls to the REST API endpoint should be made bearer tokens in the request headers in addition to using the secured JWT tokens provided by the UPS Capital API Integration team.

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).



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1.4. Insurance Service Workflow Overview





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Insurance Service - APIs



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2. Insurance Service - URLs

UPSCapital 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. This API also helps to confirm or void insurance transactions for the respective shipment.

2.1. Create Quote

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

Post

https://upscapi.ams1907.com/apis/list/quote/v1

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 > Model: Quote productId String Indicates Product Id value assigned by UPS Capital, by default 1 for Channel Partners locationId String Required Indicates the Id Channel Partner assigns to their customer transactionID String Required Indicates a unique identifier of the customer transaction from the Channel Partner IT System partnerId String Required Indicates Partner Id, assigned by UPS Capital to the Channel Partner ex: XXX001



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upscCustomerID String

Required

Indicates Franchise Identifier assigned by UPS Capital $\ \ \,$

String

ex: XXX

quoteShipmentInfo ShipmentInfo shipperId

Required

Indicates Customer shipper identifier. Value should be unique for each shipper account.

shipperName String

Indicates Customer shipper name.

carrier String

Indicates transportation carrier.

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

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

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 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
                    }
                    address{ address1 String Required
destinationAddress
                         address2 String
                         city
                                    String
                                                Required
                         state
                                            Required
                                  String
                         postalCode
                                    String
                                                Required
                          countryCode String
                                              Required
                    Indicates the package destination address/location to
                    where the insured package is shipped
originAddress
                    address<sub>1</sub>
                         address1 String
                                              Required
                         address2
                                    String
                         city
                                     String
                                              Required
                                     String
                                              Required
                         postalCode
                                     String
                                              Required
                         countryCode String
                                              Required
```



```
payablesAttentionTo
                     String
                     Required
                     Indicates the shipper payable information, usually used
                     for claims payment
payablesAddress
                     address<sub>1</sub>
                          address1 String
                                                Required
                          address2 String
                          city
                                     String
                                                Required
                                     String
                                                Required
                          state
                          postalCode String
                                                Required
                     countryCode String Required }
                     Indicates the shipper payables address information,
                     usually used for claims payment
shipperPrincipal
                     String
                     Required
                     Indicates Shipper's Name that will be used for Office
                     of Foreign Assets Control (OFAC) screening
```

```
address<sub>1</sub>
shipperAddress
                          address1
                                     String
                                                  Required
                          address2
                                     String
                         city
                                     String
                                                  Required
                                                  Required
                         state
                                     String
                         postalCode String
                                                  Required
                          countryCode String
                                                  Required
                     Indicates the shipper address/location used for OFAC
                     screening
status
                     String
                     Indicates status of the Package that is being insured by
                     the Channel Partner
                     ShipmentStatus
                     [ UNCONFIRMED, CONFIRMED, VOID ]
                     For Create Quote request, "UNCONFIRMED" is the only
                     value allowed.
```



```
Example:
  "productId": "1",
  "locationId": "UPS",
  "transactionID": "MayTest12",
  "partnerId": "XXX001",
  "upscCustomerID": "XXX",
  "quoteShipmentInfo": {
     "shipperId": "210712156203F0BCSI",
     "shipperName": "CellPhones",
    "carrier": "UPS".
    "shipDate": "2023-05-20",
    "bol": "MayChannelTest",
    "insuredValue": "100.00",
    "commodityCodeType": "UPSC",
    "commodityCode": "400",
    "oversize": "N",
    "usedGoods": "N",
    "modeOfTransport": "2",
    "consigneeName": "Dan Burrow",
    "description": "Big pallet of stuff",
    "shipmentTvpe": "1"
  "destinationAddress": {
    "address1": "123 Main St",
    "address2": ".",
    "city": "San Diego",
    "state": "CA",
     "postalCode": "98010",
    "countryCode": "US"
  "originAddress": {
    "address1": "123 Main St",
    "address2": ".",
    "city": "Preston",
    "state": "GA",
    "postalCode": "30290A",
    "countryCode": "US"
  "payablesAttentionTo": "Jane Austin",
  "payablesAddress": {
     "address1": "104320 N Central Expressway",
    "address2": "Ste 7420",
     "city": "Atlanta",
```



```
"state": "a",
    "postalCode": "10101",
    "countryCode": "US"
},
"shipperPrincipal": "CapitalCorpUSA",
"shipperAddress": {
    "address1": "502303 Rightsboro Rd",
    "address2": ".",
    "city": "Lionsgate",
    "state": "CA",
    "postalCode": "11133",
    "countryCode": "US"
},
"status": "UNCONFIRMED"
}
```



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Response

Response Headers content type : application/json				
Code	Description			
200	Successful Operation			
	QuoteReturn quoteId	string(\$UUID)		
		Indicates the uniquely generated QuoteId by UPS Capital for the customer requested shipment information		
	payablesAttentionTo	String		
	premiumAmount	Same as Request number(\$double) Indicates the insurance premium value for the Shipment Value & commodity in the quote request		



quoteDateTime	string(\$datetime)	
	Indicates the date & time of t	ho OvetoTd
	generation by UPS Capital	ne Quotera
quoteValidTo	string(\$datetime)	
	Tadianta the data of time the	Out to Table Table Serv
	Indicates the date & time the customer to purchase shipment	
quoteInfo	QuoteInfo _{	
	productId string	
	locationId string transactionID string	
	partnerId string	
	shipperPrincipal string s	tatus
	string	
	Shipmen	tStatus
	Enum:	
	[UNCONF ,CONFIRM	
	upscCustomerId string	
	ShipmentInfo: {	
		string
	shipperName	string
	carrier	string
	shipDate	string(\$date)
	bol	string
	insuredValue	number(\$double)
	commodityCodeType	string
	commodityCode	string
	oversize	boolean
	usedGoods	boolean
	modeOfTransport	string
	consigneeName	string
	shipmentType	int
	description	string



```
deductibleText
                           string
    deductibleAmount
                           string
    termsAndConditions
                           string
originAddress: (
                           string
    address1
    address2
                          string
    city
                          string
    state
                          string
    postalCode
                          string
    countryCode
                          string
destinationAddress:
    address1
                          string
    address2
                          string
    city
                          string
    state
                          string
    postalCode
                          string
    countryCode
                          string
```

```
payablesAddress:{
    address1
                            string
    address2
                            string
    city
                            string
    state
                            string
    postalCode
                            string
    countryCode
                            string
shipperAddress<sub>1</sub>
    address1
                            string
    address2
                            string
    city
                            string
    state
                            string
```



```
postalCode
                                                                  string
                                           countryCode
                                                                  string
                                      }
                                  }
400
        Invalid payload format
        ApiResponseFault | code
              integer($int32)
            message
                         string
            description string
             errors
                                           String
                          [errors code
                                           Indicates the internal
                                           indiv
                              field
                                           string
                              message
                                           string
                         }]
        }
401
        Invalid payload data
        ApiResponseFault code
              integer($int32)
            message
                        String
            description String
            errors
                          [errors | code
                                           string
                              field
                                           string
                              message
                                           string
                          }]
404
        Resource not found
        ApiResponseFault code
              integer($int32)
```





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Example: 200 - Successful Operation "quoteId": "5c8bcsdqf-91cc-4cc9-bd20-d885b6c175e0", "payablesAttentionTo": "Jane Austin", "premiumAmount": "270.40", "quoteDateTime": "2017-09-11T09:54:29.521", "quoteValidTo": "2017-10-11T09:54:29.521", "quoteInfo": { "productId": "1", "locationId": "111156243106", "transactionID": "863345941635", "partnerId": " XXX001", "shipperPrincipal": "XXXCHEMO", "status": "UNCONFIRMED", "upscCustomerId": "XXX", "shipmentInfo": { "shipperId": "W230499252", "shipperName": "VIESFHEMO", "carrier": "RLCA", "shipDate": "2017-10-20", "bol": "866033425073", "insuredValue": "130120.00", "commodityCodeType": "UPSC", "commodityCode": "400", "oversize": "N", "usedGoods": "N", "modeOfTransport": "2", "consigneeName": "John Doe", "shipmentType": "1" "description": "Big pallet of stuff", "deductibleText": "2.5% of Total Insured Value (\$250 Minimum)", "deductibleAmount": "\$200.00", "termsAndConditions": "All Risk Coverage with the following exclusions:" "originAddress": { "address1": "5345003 Waitsboro Rd", "address2": ".", "city": "Preston", "state": "GA", "postalCode": "30290", "countryCode": "US" "destinationAddress": { "address1": "3052340 SE 584th St.",



```
"address2": ".",
       "city": "Wombat",
      "state": "WA",
       "postalCode": "98010",
       "countryCode": "US"
     "payablesAddress": {
      "address1": "10350 N Central Expressway",
      "address2": "Ste 7420",
      "city": "Atlanta",
      "state": "PA",
       "postalCode": "10101",
      "countryCode": "US"
    "shipperAddress": {
      "address1": "5034503 Wringsboro Rd",
      "address2": ".",
       "city": "Taylor",
      "state": "PA",
      "postalCode": "11133",
       "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."
    }
  1
```



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2.2. Purchase Coverage

Customer's request for purchasing a previously requested insurance quote by providing the necessary shipment and quote information.

Post https://upscapi.ams1907.com/apis/list/coverage/v1

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

Request

Request Parameters

body * (required)

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

Request

Request Headers

Content Type: application/json

Bearer: < secure token issued by API integration team >

Model:

InsurancePurchase

QuoteId String(\$UUID) Required Indicates the UPSC QuoteId(from Quote Response) by UPS Capita corresponding customer requested quote. productId String Required Same as in the original quote request partnerId String Required Same as in the original quote request upscCustomerID String Required Same as in the original quote request locationID String Required Same as in the original quote request



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```
Example:

{
    "quoteId": "75d7a23ba4a64ebe90bf74144849ae41",
    "productId":"1",
    "partnerId": "XXX001",
    "upscCustomerID": "XXX",
    "locationId": "UPS"
}
```

Response

```
Response
     Content Type: application/json
        Description
Code
200
        Successful Operation
        Same as Quotes Response
400
        Invalid payload format
        ApiResponseFault code
              integer($int32)
             message
             description string
             errors
                          [errors | code
                                            string
                               field
                                            string
                              message
                                            string
                          }]
        }
404
        Resource not found
        ApiResponseFault | code
              integer($int32)
                        string
             message
```



```
description string
            errors
                         [errors { code
                                          string
                              field
                                          string
                             message
                                          string
                         }]
Example:
200 - Successful Operation
    "quoteId": "5c8bcdfg87-91cc-4cc9-bd20-d885b6c175e0",
    "payablesAttentionTo": "Jane Austin",
    "premiumAmount": "270.40",
    "quoteDateTime": "2017-09-11T09:54:29.521",
    "quoteValidTo": "2017-10-11T09:54:29.521",
    "quoteInfo": {
        "productId": "1",
       "locationId": "1111534566106",
                      "transactionID": "869434561635",
       "partnerId": "XXX 001",
       "shipperPrincipal": "VGKSDCHEMO",
       "status": "UNCONFIRMED",
       "upscCustomerId": "XXX",
```



```
"shipmentInfo": {
            "shipperId": "X2304562",
            "shipperName": " VGKSDCHEMO ",
            "carrier": "RLCA",
            "shipDate": "2017-10-20",
            "bol": "86603073",
            "insuredValue": "130120.00",
            "commodityCodeType": "UPSC",
            "commodityCode": "400",
            "oversize": "N",
            "usedGoods": "N",
            "modeOfTransport": "2",
            "consigneeName": "John Doe",
            "shipmentType" : "1",
            "description": "Big pallet of stuff",
            "deductibleText": "2.5% of Total Insured Value ($250 Minimum)",
            "deductibleAmount": "$200.00"
            "termsAndConditions": "All Risk Coverage with the following exclusions: ......."
        "originAddress": {
"address1": "503203 Leftsboro Rd",
            "address2": ".",
            "city": "Preston",
            "state": "GA",
            "postalCode": "30290",
            "countryCode": "US"
},
        "destinationAddress": {
            "address1": "30520 SE 384th St.",
            "address2": ".",
            "city": "Wombat",
            "state": "WA",
            "postalCode": "98010",
            "countryCode": "US"
        },
        "payablesAddress": {
            "address1": "10340 N Central Expressway",
            "address2": "Ste 73420",
            "city": "Atlanta",
            "state": "PA",
            "postalCode": "10101",
            "countryCode": "US"
        "shipperAddress": {
            "address1": "50303 Waynesboro Rd",
            "address2": ".",
            "city": "Taylor",
            "state": "PA",
            "postalCode": "11133",
            "countryCode": "US"
       }
   }
```



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2.3. Confirm Shipment

Customer's request for confirming shipment (after being picked up by a transportation carrier) for which insurance coverage was previously purchased by providing the necessary coverage information.

Post

https://upscapi.ams1907.com/apis/list/shipment/v1

This method places the insured shipment picked up by the carrier in a confirmed status and eligible for future claim requests.

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 >

Model:

Purchase Coverage



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```
quoteId
                     String
                     Required
    productId
                     String
                    Required
    partnerId
                    String
                    Required
    transactionID String
                    Required
                    String
    status
                    Required
                    Indicates current status of the Package that is being insured by
                     the Channel Partner. Shipment status must be confirmed before
                    continuing with purchase.
                     ShipmentStatus
                    Enum:
                     [ UNCONFIRMED, CONFIRMED, VOID ]
                    For Confirm Shipment request, "CONFIRMED" & "VOID" are the only
                    value allowed.
                        - 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": "a820d5c29bb743d698b78c0286677288",
   "productId": "1",
   "partnerId": "XXX001",
   "transactionID": " MayTest12",
   "status": "Confirmed"
```

Response

Respon	Response content type : application/json			
Code	Description			
200	Successful Operation			
	Same as Quotes Response			



```
400
        Invalid payload format
        ApiResponseFault code
              integer($int32)
            message
                         string
            description string
            errors
                         [errors { code
                                          string
                              field
                                          string
                             message
                                          string
                         }]
        }
401
        Invalid payload data
        ApiResponseFault code
             integer($int32)
            message
                         string
            description string
            errors
                         [errors code
                                          string
                              field
                                          string
                                          string
                             message
                         }]
Example:
  200 - Successful Operation
    "quoteId": "65f6759c-1b61-4bb3-b28e-811210e1f85b",
    "payablesAttentionTo": "Jane Austin",
    "premiumAmount": "270.40",
```



```
"quoteDateTime": "2017-09-11T09:59:39.407",
    "quoteValidTo": "2017-10-11T09:59:39.407",
    "quoteInfo": {
        "productId": "1",
        "locationId": "11781156106",
        "transactionID": "866789941635",
        "partnerId": "XXX001",
        "shipperPrincipal": "BASDFCHEMO",
        "status": "CONFIRMED",
        "upscCustomerId": "XXX",
        "shipmentInfo": {
            "shipperId": "Y24569252",
            "shipperName": "VDFGCHEMO",
            "carrier": "RLCA",
            "shipDate": "2017-10-20",
            "bol": "866045673073",
            "insuredValue": "130120.00",
            "commodityCodeType": "UPSC",
            "commodityCode": "400",
            "oversize": "N",
            "usedGoods": "N",
            "modeOfTransport": "2",
            "consigneeName": "John Doe",
            "shipmentType" : "1",
            "description": "Big pallet of stuff",
            "deductibleText": "2.5% of Total Insured Value ($250 Minimum)",
            "deductibleAmount": "$200.00"
            "termsAndConditions": "All Risk Coverage with the following exclusions: ......."
        "originAddress": {
            "address1": "5035603 Wringsboro Rd",
            "address2": ".",
            "city": "Preston",
            "state": "GA",
            "postalCode": "30290",
            "countryCode": "US"
},
        "destinationAddress": {
            "address1": "30520 SE 814th St.",
            "address2": ".",
            "city": "Wombat",
            "state": "WA",
            "postalCode": "98010",
            "countryCode": "US"
        "payablesAddress": {
            "address1": "10530 N Central Expressway",
            "address2": "Ste 72670",
            "city": "Atlanta",
            "state": "PA",
            "postalCode": "10101",
            "countryCode": "US"
        },
        "shipperAddress": {
```



```
"address1": "503503 Wringsboro Rd",
    "address2": ".",
    "city": "Taylor",
    "state": "PA",
    "potalCode": "11133",
    "countryCode": "US"

}
}
```



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Error Messages



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3.1 Error Messages Matrix

API	Scenario	Error Code		Error Messages
	Product ID field is missing			
Get Pricing			400	Product Id missing
Get Pricing	Invalid Partner ID		401	The Token issued is not valid.
Get Pricing	Ship Date field is missing		400	Ship Date missing
	Commodity Code is missing			
Get Pricing	0 0 0 11 1			CommodityCode missing
Get Pricing	Over Size field is missing		400	Oversized information missing
Create Quote	Product ID field is missing		400	Error.Product.Id.Invalid.or.Null
Create Quote	Invalid Product ID			Error.Invalid.Product.Id
create Quote	Location ID field is missing		- 00	Elfor.invalid.i Foddet.id
Create Quote	Location in field is imissing		400	Error.Location.Id.Invalid.or.Null
Create Quote	Location ID is invalid		400	Error.Location.Id.Invalid.or.Nul
	Shipper Principle is missing			
Create Quote	or invalid		400	Error.Shipper.Principal.Invalid.or.Null
	Payable Attention to is missing			
Create Quote	or invalid		400	Error.Payables.Attention.To.Invalid.or.Null
Create Quote	Partner ID field is missing		401	The Token issued is not valid.
Create Quote	Partner ID field is Invalid		400	Error.Partner.Id.Invalid.or.Null
	UPSC Customer ID is invalid			
Create Quote	or NULL		400	Error.UPSC.Customer.Id.Invalid.or.Null
	Transaction ID is Invalid or			
Create Quote	Null		400	Error.Transaction.Invalid.or.Null
Create Quote	Status is Invalid or Null		400	Error.Status.Invalid.or.Null
	Shipper ID is Invalid or			
Create Quote	NULL		400	Error.Shipper.Id.Invalid
Create Quote	Shipper Name is Invalid		400	Error.Shipper.Name.Invalid
Create Quote	Carrier is Invalid		400	Error.Carrier.Invalid
Create Quote	BOL is invalid		400	Error.Bol.Invalid
Create Quote	Insured Value is Invalid		400	Error.Invalid.Insurance.Value
Create Quote	Insured Value is NULL		400	Error.Location.ld.Invalid.or.Null
	Commodity Code is Invalid			
Create Quote	or NULL		400	Error.Commodity.Code.Invalid.or.Null
			400	Error.Oversize.Flag.Invalid.or.Null
	Used or Oversize Field is Invalid		-	0
Create Quote	or Null	4	400	Error.Used.Goods.Invalid.or.Null



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		400	Error.Shipper.Address2.Invalid.or.Null
		400	Error.Shipper.Address1.Invalid.or.Null
Create Quote	Shipment Address error	400	Error.Shipper.State.Invalid.or.Null

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	Alphanumeric			
InsuredValue	Decimal			
CommodityCodeType	Alphanumeric			



CommodityCode	Numeric
Oversize/usedGoods	Y/N
ModeOfTransport	Numeric
ConsigneeName	Alphanumeric; Only the following special characters are allowed: + & () / , ~ `# . : ; " * ' " '
TrackingNumber	Numeric
Description	None
TransactionType	Numeric
ShipmentType	Numeric