

Technical Implementation Reference Guide

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**Overview**

* 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).

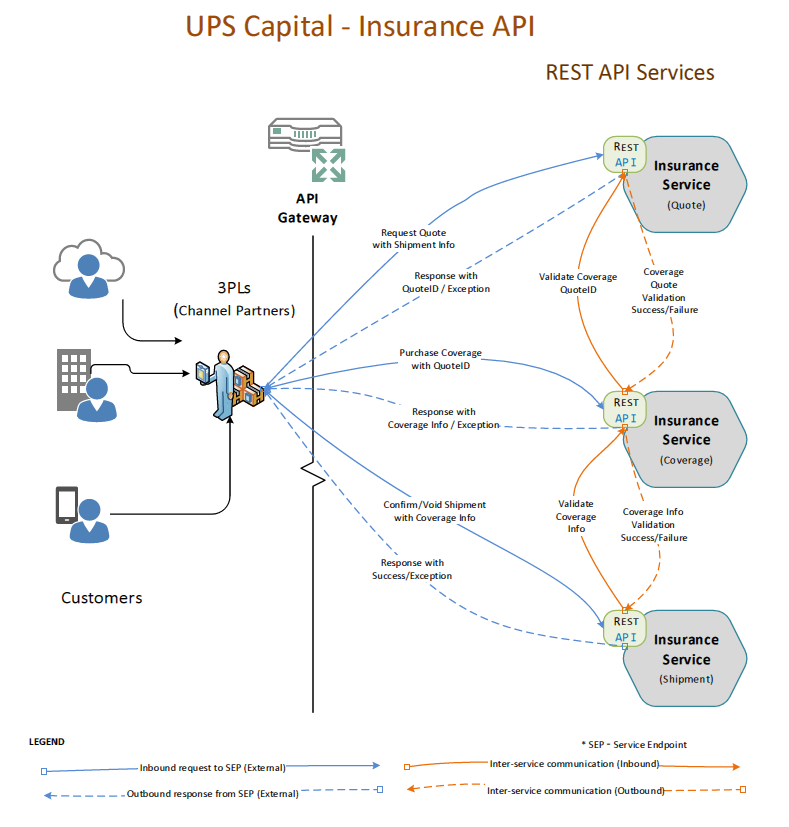
* 1. **Getting Started**

The first step is to ensure all the contractual agreements between UPS Capital (UPSC) and the new Policy Holder are completed. Once the agreements are finalized, the UPSC IT API integration team will setup a sandbox environment for the new Policy Holder 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.

* 1. **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. **Insurance Service Workflow Overview**



**Insurance Service - APIs**

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

* 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 : \* Required fields to be hard coded if not collected at point of sale or insurance selection. E.g. New/Used not collected at checkout, select one option to hard code and pass to UPSC. |
| Quote |
| {   |  |  | | --- | --- | | **productId** | **String**  **Required**  Indicates Product Id value assigned by UPS Capital, by default 1 for Policy Holder | | **locationId** | **String**  **Required**  Indicates the Id Policy Holder assigns to their customer | | **transactionID** | **String**  **Required**  Indicates a unique identifier of the customer transaction from the Policy Holder IT System | | **partnerId** | **String**  **Required**  Indicates Partner Id, assigned by UPS Capital to the Policy Holder ex: XXX001 | | **upscCustomerID** | **String**  **Required**  Indicates Franchise Identifier assigned by UPS Capital ex: XXX | | **quoteShipmentInfo** | **ShipmentInfo{**   |  |  | | --- | --- | | **shipperId** | **String 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($date)**  **Required**  Indicates package shipment date.  Fmt: YYYY-MM-DD HH:MM:SS.ms  Eg: "2017-10-20 17:24:23.0" | | **bol** | **String Required**  **Indicates Bill of Lading number for the shipment** | | **insuredValue** | **number($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** | | **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** | | **insuranceAuthorization** | **String**  Indicates the special authorization code obtained by Policy Holder from the UPS Capital underwriting for shipments exceptions | | **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**   **Ground Freight Pricing** |   **}** | | **destinationAddress** | **address{**   |  |  | | --- | --- | | **address1** | **String Required** | | **address2** | **String** | | **city** | **String Required** | | **state** | **String Required** | | **postalCode** | **String Required** | | **countryCode** | **String Required** |   **}**  Indicates the package destination address/location to where the insured package is shipped | | **originAddress** | **address{**   |  |  | | --- | --- | | **address1** | **String Required** | | **address2** | **String** | | **city** | **String Required** | | **state** | **String Required** | | **postalCode** | **String Required** | | **countryCode** | **String Required** |   **}**  Indicates the package Origin address/location from where the insured package is shipped | | **payablesAttentionTo** | **String Required**  Indicates the shipper payable information, usually used for claims payment | | **payablesAddress** | **address{**   |  |  | | --- | --- | | **address1** | **String Required** | | **address2** | **String** | | **city** | **String Required** | | **state** | **String Required** | | **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 | | **shipperAddress** | **address{**   |  |  | | --- | --- | | **address1** | **String Required** | | **address2** | **String** | | **city** | **String Required** | | **state** | **String Required** | | **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 Policy Holder  **ShipmentStatus**  **Enum: [ UNCONFIRMED, CONFIRMED, VOID ]**  For Create Quote request, “**UNCONFIRMED**” is the only value allowed. |   } |
| Example: |
| *{*  *"productId":"1",*  *"locationId":"1111562345106",*  *"transactionID":"86345941635",*  *"partnerId": "XXX001",*  *"upscCustomerID": "XXX",*  *"quoteShipmentInfo":{*  *"shipperId":"W230499252",*  *"shipperName":"VIACHEMO",*  *"carrier":"RLCA",*  *"shipDate":"2017-10-20 17:24:23.0",*  *"bol":"8660335073",*  *"insuredValue":"130120.00",*  *"commodityCodeType":"UPSC",*  *"commodityCode":"310",*  *"oversize":"N",*  *"usedGoods":"N",*  *"modeOfTransport":"2",*  *"consigneeName":"John Doe",*  *"insuranceAuthorization":"201705250002",*  *"description":"Big pallet of stuff"*  *“shipmentType” : “1”*  *},*  *"destinationAddress":{*  *"address1":"3053520 SE 843rd St.",*  *"address2":".",*  *"city":"Wombat",*  *"state":"WA",*  *"postalCode":"98010",*  *"countryCode":"US"*  *},*  *"originAddress":{*  *"address1":"5034503 Leftsboro Rd",*  *"address2":".",*  *"city":"Preston",*  *"state":"GA",*  *"postalCode":"30290",*  *"countryCode":"US"*  *},*  *"payablesAttentionTo":"Jane Austin",*  *"payablesAddress":{*  *"address1":"104320 N Central Expressway",*  *"address2":"Ste 7420",*  *"city":"Atlanta",*  *"state":"PA",*  *"postalCode":"10101",*  *"countryCode":"US"*  *},*  *"shipperPrincipal":"VIACHEMO",*  *"shipperAddress":{*  *"address1":"502303 Leftsboro Rd",*  *"address2":".",*  *"city":"Taylor",*  *"state":"PA",*  *"postalCode":"11133",*  *"countryCode":"US"*  *},*  *"status":"UNCONFIRMED"*  *}* |
|  |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |  |
| --- | --- | --- |
| Code | Description | |
| *200* | ***Successful Operation***  **QuoteReturn{**   |  |  | | --- | --- | | **quoteId** | **string($UUID)** Indicates the uniquely generated QuoteId by UPS Capital for the customer requested shipment information | | **payablesAttentionTo** | **String**  Same as Request | | **premiumAmount** | **number($double)** Indicates the insurance premium value for the Shipment Value & commodity in the quote request | | **quoteDateTime** | **string($datetime)**  Indicates the date & time of the QuoteId generation by UPS Capital | | **quoteValidTo** | **string($datetime)**  Indicates the date & time the QuoteId is Valid for customer to purchase shipment coverage | | **quoteInfo** | **QuoteInfo{**   |  |  | | --- | --- | | **productId** | **string** | | **locationId** | **string** | | **transactionID** | **string** | | **partnerId** | **string** | | **shipperPrincipal** | **string** | | **status** | **string**  **ShipmentStatus** **Enum: [ UNCONFIRMED ,CONFIRMED ]** | | **upscCustomerId** | **string** | | **ShipmentInfo: {**   |  |  | | --- | --- | | **shipperId** | **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**  **insuranceAuthorization** | **int**  **string** | | **description** | **string** | | **deductibleText**  **deductibleAmount** | **string**  **string** | | **termsAndConditions** | **string** |   **}** | | | **originAddress: {**   |  |  | | --- | --- | | **address1** | **string** | | **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{**   |  |  | | --- | --- | | **address1** | **string** | | **address2** | **string** | | **city** | **string** | | **state** | **string** | | **postalCode** | **string** | | **countryCode** | **string** |   **}** | |   **}** |   **}** | |
| *400* | ***Invalid payload format***  **ApiResponseFault{**   |  |  | | --- | --- | | **code** | **integer($int32)** | | **message** | **string** | | **description** | **string** | | **errors** | **[errors{**   |  |  | | --- | --- | | **code** | **String**  Indicates the internal error code of individual error element. | | **field** | **string** | | **message** | **string** |   **}]** |   **}** | |
| *401* | ***Invalid payload data***  **ApiResponseFault{**   |  |  | | --- | --- | | **code** | **integer($int32)** | | **message** | **String** | | **description** | **String** | | **errors** | **[errors{**   |  |  | | --- | --- | | **code** | **string** | | **field** | **string** | | **message** | **string** |   **}]** |   **}** | |
| *404* | ***Resource not found***  **ApiResponseFault{**   |  |  | | --- | --- | | **code** | **integer($int32)** | | **message** | **String** | | **description** | **String** | | **errors** | **[errors{**   |  |  | | --- | --- | | **code** | **string** | | **field** | **string** | | **message** | **string** |   **}]** |   **}** | |
|  |  | |
| Example: | | |
| *200 – Successful Operation*  *{*  *"quoteId": "5c8bcsdgf-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 17:24:23.0",*  *"bol": "866033425073",*  *"insuredValue": "130120.00",*  *"commodityCodeType": "UPSC",*  *"commodityCode": "310",*  *"oversize": "N",*  *"usedGoods": "N",*  *"modeOfTransport": "2",*  *"consigneeName": "John Doe",*  *“shipmentType” : “1”*  *"insuranceAuthorization": "201709120002",*  *"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. **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 Capital for the 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 | | |  | |   } |
| Example: |
| {  "quoteId":"5c8bc760-91cc-4cc9-bd20-d885b6c175e0",  "productId":"1",  "partnerId": "XXX001",  "upscCustomerID": "XXX",  “locationID” : “12345”  } |

**Response**

|  |
| --- |
| **Response   Content Type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | ***Successful Operation***  **Same as Quotes Response** |
| *400* | ***Invalid payload format***  **ApiResponseFault{**   |  |  | | --- | --- | | **code** | **integer($int32)** | | **message** | **string** | | **description** | **string** | | **errors** | **[errors{**   |  |  | | --- | --- | | **code** | **string** | | **field** | **string** | | **message** | **string** |   **}]** |   **}** |
| *404* | ***Resource not found***  **ApiResponseFault{**   |  |  | | --- | --- | | **code** | **integer($int32)** | | **message** | **string** | | **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": "XXX001",  "shipperPrincipal": "VGKSDCHEMO",  "status": "UNCONFIRMED",  "upscCustomerId": "XXX",  "shipmentInfo": {  "shipperId": "X2304562",  "shipperName": " VGKSDCHEMO ",  "carrier": "RLCA",  "shipDate": "2017-10-20 17:24:23.0",  "bol": "86603073",  "insuredValue": "130120.00",  "commodityCodeType": "UPSC",  "commodityCode": "310",  "oversize": "N",  "usedGoods": "N",  "modeOfTransport": "2",  "consigneeName": "*John Doe*",  "shipmentType" : "1",  "insuranceAuthorization": "20170912002",  "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"  }  }  } | |

* 1. **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 |
| {   |  |  | | --- | --- | | **quoteId** | **String**  **Required** | | **productId** | **String**  **Required** | | **partnerId** | **String**  **Required** | | **transactionID** | **String**  **Required** | | **status** | **String Required**  Indicates current status of the Package that is being insured by the Policy Holder. 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.** * **VOID** status cannot be changed. To purchase valid coverage, one need to start over by submitting a new create quote request again. |   } |
| Example: | |
| {  "quoteId":"5c8bc760-91cc-4cc9-bd20-d885b6c175e0",  "productId":"1",  "partnerId": "XXX001",  "transactionID":"86941635",  "status":"CONFIRMED"  } | |

**Response**

|  |
| --- |
| **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** | | **message** | **string** |   **}]** |   **}** |
| 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 17:24:23.0",  "bol": "866045673073",  "insuredValue": "130120.00",  "commodityCodeType": "UPSC",  "commodityCode": "310",  "oversize": "N",  "usedGoods": "N",  "modeOfTransport": "2",  "consigneeName": "*John Doe*",  "shipmentType" : "1",  "insuranceAuthorization": "20170912002",  "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",  "postalCode": "11133",  "countryCode": "US"  }  }  } | |

**Claims Service - APIs**

1. **Claims Service - URLs**

UPS Capital Claims API

The API’s purpose is to allow customers to submit claim information and retrieve claim status.

**Base URL:**  [**https://upscapi.ams1907.com/apis/list/claim/v1**](https://upscapi.ams1907.com/apis/list/claim/v1)

**Schemes: HTTPS**

* 1. **Notice to File Claims**

**Post**

**Notice to File Claim:** [**https://upscapi.ams1907.com/apis/list/claim/v1**](https://upscapi.ams1907.com/apis/list/claim/v1)

This method posts claim information received from a customer.

**Request**

|  |
| --- |
| Request Parameters  body \*(Required)  claim: 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 : |
| Claim |
| claim{   |  |  | | --- | --- | | **productId** | **String**  **Required**  Indicates Product Id value assigned by UPS Capital, by default 1 for Policy Holder | | **locationId** | **String**  **Required**  Indicates Id Policy Holder assigns to their customer | | **partnerId** | **String**  **Required**  Indicates Partner Id, assigned by UPS Capital to the Policy Holder ex: XXX001 | | **upscCustomerId** | **String**  **Required**  Indicates Franchise Identifier assigned by UPS Capital ex: XXX | | **transactionId** | **String**  **Required**  Indicates a unique identifier of the customer transaction from Policy Holder IT System | | **customerId** | **String**  **Required**  Indicates Franchise Identifier of Policy Holder | | **claimInfo** | **ClaimInfo{**   |  |  | | --- | --- | | **claimsCurrency** | **string**  **Required**  Claim currency e.g USD | | **claimDetail** | **String**  Claim detail description | | **billedAmount** | **String($double)**  Billed amount | | **comments** | **string**  **Required**  Claim comments | | **ref1** | **String**  Future Use | | **ref2** | **String**  Future Use | | **ref3** | **String**  Future Use | | **ref4** | **String**  Future Use | | **ref5** | **String**  Future Use | |  |  |   **}** | | **claimDetail** | **ClaimDetail{**   |  |  | | --- | --- | | **shipDate** | **string($date)**  **Required**  Indicates package shipment date.  Fmt: YYYY-MM-DD HH:MM:SS.ms  Eg: "2017-10-20 17:24:23.000" | | **lossDate** | **string($date)**  **Required**  **Loss Date**  Fmt: YYYY-MM-DD HH:MM:SS.ms  Eg: "2017-10-20 17:24:23.000" | | **lossAmount** | **string($double)**  **Required**  Loss Amount | | **merchandiseDescription** | **String**  Merchandise Amount | | **carrier** | **string**  Indicates transportation carrier | | **carrierCode** | **string**  **Indicates Carrier Code** | | **carrierTrackingNumber** | **String**  Carrier Tracking Number | | **billedMerchandiseAmount** | **string($double)**  **Billed Merchandise Amount** | | **billedShippingCharge** | **string($double)**  **Billed Shipping Charge** | | **packagingCharge** | **string($double)**  **Packaging Charge** | |  |  |   **}** | | **contactInfo** | **ContactInfo{**   |  |  | | --- | --- | | **contactFirstName** | **String**  **Required**  **Contact First Name** | | **contactLastName** | **String**  **Required**  **Contact Last Name** | | **contactPhoneNumber** | **String**  **Required**  **Contact Phone Number** | | **contactEmailAddress** | **String**  **Required**  **Contact Email Address** | |  |  |   **}**  **Indicates the claim contact information**. | | **secondaryInfo** | **SecondaryInfo{**   |  |  | | --- | --- | | **secondaryClaimContactName** | **String**  Secondary Claim Contact Name | | **secondaryClaimAddress1** | **String**  **Required**  Secondary Claim Address 1 | | **secondaryClaimAddress2** | **String**  Secondary Claim Address 2 | | **secondaryClaimCity** | **String**  Secondary Claim City | | **secondaryClaimState** | **String**  Secondary Claim State | | **secondaryClaimPostalCode** | **String**  Secondary Claim Postal Code | | **secondaryClaimCountryCode** | **String**  Secondary Claim Country Code | | **secondaryClaimPhoneNumber** | **String**  Secondary Claim Phone Number | | **secondaryClaimEmailAddress** | **String**  Secondary Claim Email Address | |  |  |   **}**  **Indicates claim secondary info** | |  |  |   } |
| Example:  *{*  *"productId":"1",*  *"locationId":"111156106",*  *"transactionID":"635470002",*  *"partnerId": "XXX001",*  *"upscCustomerID": "XXX",*  *"packagingCharge": "123",*  *"claimInfo":{*  *"claimsCurrency":"USD",*  *"claimDetail":"CLAIM DETAILS",*  *"billedAmount":"12312.00",*  *"comments":"TEST COMMENTS",*  *"ref1":"86603073",*  *"ref2":"1301.00",*  *"ref3":"UPSC",*  *"ref4":"18",*  *"ref5":"N"*  *},*  *"claimDetail":{*  *"shipDate":"2017-11-20 17:24:23.000",*  *"lossDate":"2017-11-22 17:24:23.000",*  *"lossAmount":"12312.00",*  *"merchandiseDescription":"TEST",*  *"carrierTrackingInfo": "1321321",*  *"billedMerchandiseAmount": "1234",*  *"billedShippingCharge": "12312"*  *},*  *"contactInfo":{*  *"contactFirstName":"John",*  *"contactLastName":"Doe",*  *"contactPhoneNumber":"9999999999",*  *"contactEmailAddress":"a@b.com"*  *},*  *"secondaryInfo":{*  *"secondaryClaimContactName":"JOhn Doe",*  *"secondaryClaimAddress1":"3053520 SE 843rd St.",*  *"secondaryClaimAddress2":"Ste 720",*  *"secondaryClaimCity":"Atlanta",*  *"secondaryClaimState":"GA",*  *"secondaryClaimPostalCode":"123123",*  *"secondaryClaimCountryCode":"US",*  *"secondaryClaimPhoneNumber":"999999999",*  *"secondaryClaimEmailAddress":"a@b.com"*  *}*  *}* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **ClaimReturn{**   |  |  | | --- | --- | | **productId** | **string** | | **partnerId** | **string** | | **upscCustomerId** | **string** | | **transactionId** | **string** | | **customerId** | **string** | | **apiClaimId** | **string($UUID)**  Indicates the uniquely generated ClaimId by UPS Capital for the customer requested claim information | | **claimDetail** | **ClaimDetail{**   |  |  | | --- | --- | | **shipDate** | **string($date)** | | **lossDate** | **string($date)** | | **lossAmount** | **string($double)** | | **merchandiseDescription** | **string** | | **carrier** | **string** | | **carrierCode** | **string** | | **carrierTrackingNumber** | **string** | | **billedMerchandiseAmount** | **string($double)** | | **billedShippingCharge** | **string($double)** | | **packagingCharge** | **string($double)** | |  |  |   **}** | | **claimInfo** | **ClaimInfo{**   |  |  | | --- | --- | | **claimsCurrency** | **string** | | **claimDetail** | **string** | | **billedAmount** | **string($double)** | | **comments** | **string** | | **ref1** | **string** | | **ref2** | **string** | | **ref3** | **string** | | **ref4** | **string** | | **ref5** | **string** | |  |  |   **}** | | **contactInfo** | **ContactInfo{**   |  |  | | --- | --- | | **contactFirstName** | **string** | | **contactLastName** | **string** | | **contactPhoneNumber** | **string** | | **contactEmailAddress** | **string** | |  |  |   **}** | | **secondaryInfo** | **SecondaryInfo{**   |  |  | | --- | --- | | **secondaryClaimContactName** | **string** | | **secondaryClaimAddress1** | **string** | | **secondaryClaimAddress2** | **string** | | **secondaryClaimCity** | **string** | | **secondaryClaimState** | **string** | | **secondaryClaimPostalCode** | **string** | | **secondaryClaimCountryCode** | **string** | | **secondaryClaimPhoneNumber** | **string** | | **secondaryClaimEmailAddress** | **string** | |  |  |   **}** | |  |  |   **}** |
| *400* | **Bad request**  **{**  **"errors": [**  **{**  **"errorCode": "400",**  **"errorMessage": "String"**  **}**  **]**  **}** |
| *401* | **Unauthorized**  **{**  **"errors": [**  **{**  **"errorCode": "401",**  **"errorMessage": "String"**  **}**  **]**  **}** |
|  |  |
| Example: | |
| *200 – Successful Operation*  {  "apiClaimId": "a1c90a2d7d0940c995d6e4bea193e395",  "productId": "1",  "partnerId": "XXX001",  "upscCustomerID": "XXX”,  "transactionID": "635470002",  "claimDetail": {  "shipDate": "2017-11-20 17:24:23.000",  "lossDate": "2017-11-22 17:24:23.000",  "lossAmount": "12312",  "merchandiseDescription": "TEST",  "billedShippingCharge": "12312"  },  "claimInfo": {  "claimsCurrency": "USD",  "claimDetail": "TEST CLAIM",  "billedAmount": "12312",  "comments": "TEST COMMENTS",  "ref1": "86603073",  "ref2": "1301.00",  "ref3": "UPSC",  "ref4": "18",  "ref5": "N"  },  "contactInfo": {  "contactFirstName": "John",  "contactLastName": "Doe",  "contactPhoneNumber": "9999999999",  "contactEmailAddress": "a@b.com"  },  "secondaryInfo": {  "secondaryClaimContactName": "John Doe",  "secondaryClaimAddress1": "1002134213 Expressway",  "secondaryClaimAddress2": "Ste 720",  "secondaryClaimCity": "Atlanta",  "secondaryClaimState": "GA",  "secondaryClaimPostalCode": "123123",  "secondaryClaimCountryCode": "US",  "secondaryClaimPhoneNumber": "999999999",  "secondaryClaimEmailAddress": "a@b.com"  }  } | |
| *400 – Bad request*  {  "errors": [  {  "errorCode": "400",  "errorMessage": " Error.Invalid.Claim.Loss.Amount"  }  ]  } | |
| *401 – Unauthorized*  {  "errors": [  {  "errorCode": "401",  "errorMessage": "The Token issued is not valid."  }  ]  } | |

* 1. **Get Claim List**

**Get**

**Get Claim List:**[**https://upscapi.ams1907.com/apis/list/claim/v1/list**](https://upscapi.ams1907.com/apis/list/claim/v1/list)

Returns list of claim ID’s for a Policy Holder.

**Request**

|  |
| --- |
| Request Parameters  *No parameters*  Request Headers  Content-Type: *application/json*  bearer: *< secure token issued by API integration team >*  partnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |
|  |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  **{**  **"claimIdList":** [    "apiClaimId": "string",    "claimNumber": "string"  ]  **}** |
| 400 | **Bad Request**  **{**  **"errors": [**  **{**  **"errorCode": "400",**  **"errorMessage": "String"**  **}**  **]**  **}** |
| *401* | **Unauthorized**  **{**  **"errors": [**  **{**  **"errorCode": "401",**  **"errorMessage": "String"**  **}**  **]**  **}** |
| *404* | **Not Found**  **{**  **"errors": [**  **{**  **"errorCode": "401",**  **"errorMessage": "String"**  **}**  **]**  **}** |
|  |  |
| Example: | |
| *200 – Successful Operation*  {  "claimIdList": [  "2ad887e9c6284c928d5d15181bf8d4df",  “P1800350A”  ]  } | |
| *400 – Bad Request*  {  "timestamp": 1515404080074,  "status": 400,  "error": "Bad Request",  "exception": "org.springframework.web.bind.ServletRequestBindingException",  "message": "Missing request header 'partnerId' for method parameter of type String",  "path": "/v1/claims/list"  } | |
| *401 – Unauthorized*  {  "errors": [  {  "errorCode": "401",  "errorMessage": "Missing Mandatory authentication token : bearer"  }  ]  } | |
| *404 – Not Found*  {  "errors": [  {  "errorCode": "404",  "errorMessage": "Claims information is not available"  }  ]  } | |

* 1. **Get Claim Status**

**Get**

**Get Claim Status:**[**https://upscapi.ams1907.com/apis/list/claim/v1/status**](https://upscapi.ams1907.com/apis/list/claim/v1/list) **{ClaimNumber}**

Example: [**https://upscapi.ams1907.com/apis/list/claim/v1/status/P1800350**](https://upscapi.ams1907.com/apis/list/claim/v1/status/P1800350)

Returns current status of the claim for a specified claim number.

**Request**

|  |
| --- |
| Request Parameters  claimNumber *: claim number to fetch the claim status.*  Request Headers  Content-Type: *application/json*  bearer: *< secure token issued by API integration team >*  partnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  **ClaimStatusReturn{**   |  |  | | --- | --- | | **claimNumber** | **string** | | **claimStatus** | **string** | | **transactionId** | **string** | | **claimDate** | **string($date)** | | **carrierLiabilityAmount** | **string($double)** | | **claimedMerchandiseAmount** | **string($double)** | | **claimedShippingAmount** | **string($double)** | | **paidMerchandiseAmount** | **string($double)** | | **paidShippingAmount** | **string($double)** | | **claimInfo** | **ClaimInfo{**   |  |  | | --- | --- | | **claimsCurrency** | **string** | | **claimDetail** | **string** | | **billedAmount** | **string($double)** | | **comments** | **string** | | **ref1** | **string** | | **ref2** | **string** | | **ref3** | **string** | | **ref4** | **string** | | **ref5** | **string** | |  |  |   **}** | |  |  |   **}** |
| *401* | **Unauthorized**  **{**  **"errors": [**  **{**  **"errorCode": "401",**  **"errorMessage": "String"**  **}**  **]**  **}** |
| *404* | **Not Found**  **{**  **"errors": [**  **{**  **"errorCode": "404",**  **"errorMessage": "String"**  **}**  **]**  **}** |
|  |  |
| Example: | |
| *200 – Successful Operation*  {  "claimNumber": "1234",  "claimStatus": "CONFIRMED",  "transactionId": "635470002",  "claimDate": "2018-01-09T05:06:04.281-0500",  "carrierLiabilityAmount": "1000",  "claimedMerchandiseAmount": "101",  "claimedShippingAmount": "102",  "paidMerchandiseAmount": "103",  "paidShippingAmount": "104",  "claimInfo": {  "claimsCurrency": "USD",  "claimDetail": "TEST CLAIM",  "billedAmount": "12312",  "comments": "TEST COMMENTS",  "ref1": "86603073",  "ref2": "1301.00",  "ref3": "UPSC",  "ref4": "18",  "ref5": "N"  }  } | |
| *401 – Unauthorized*  {  "errors": [  {  "errorCode": "401",  "errorMessage": "Missing Mandatory authentication token : bearer"  }  ]  } | |
| *404 – Not Found*  {  "errors": [  {  "errorCode": "401",  "errorMessage": "Claim Information is not available."  }  ]  } | |

**Invoice Service - APIs**

1. **Invoice Service - URLs**

UPS Capital Invoice Coverage API

The API’s purpose is to allow customers to get the invoice details, list of invoices and the summary of all the invoices for a Policy Holder.

**Base URL:**  [**https://upscapi.ams1907.com/apis/list/invoice/v1**](https://upscapi.ams1907.com/apis/list/claim/v1)

**Schemes: HTTPS**

* 1. **Get Invoice Details**

**Get**

**/{invoiceId}**

Example: [**https://upscapi.ams1907.com/apis/list/invoice/v1/5774870**](https://upscapi.ams1907.com/apis/list/claim/v1/status/P1800350)

This method allows the Channel Partner to retrieve invoice details based on the Invoice ID.

**Request**

|  |
| --- |
| Request Parameters  body \* (not required)  invoiceId-> Passed in the URL  Request Headers  Content-Type: *application/json*  bearer: *< secure token issued by API integration team >*  partnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  {  "productId": "string",  “partnerId: “string,  "customerId": "string",  "transactionID": "string",  "serviceDate": "string",  "serviceDescription": "string",  "serviceCharge": 0,  "serviceChargeType": "string",  "billingRef1": "string",  "billingRef2": "string",  "billingRef3": "string",  "billingRef4": "string",  "billingRef5": "string",  "currency": "string"  } |
| *400* | **Bad request**  {  "errors": [  {  "errorCode": "400",  "errorMessage": "String"  }  ]  } |
| *401* | **Unauthorized**  {  "errors": [  {  "errorCode": "401",  "errorMessage": "String"  }  ]  } |
| *404* | **Not Found**  {  "errors": [  {  "errorCode": "404",  "errorMessage": "String"  }  ]  } |
|  |  |
| Example: | |
| *200 – Successful Operation*    {  "partnerId": "XXX001",  "productId": "1",  "customerId": "XXX",  "transactionId": "001",  "serviceDate": "2017-12-12 17:24:23.11",  "serviceDescription": "NA",  "serviceCharge": "555",  "serviceChargeType": "String",  "billingRef1": "0",  "billingRef2": "0",  "billingRef3": "0",  "billingRef4": "0",  "billingRef5": "0",  "billingCurrency": "0"  }  *400 – Invalid Payload format*  *{*  *"timestamp": 1513754195572,*  *"status": 400,*  *"error": "Bad Request",*  *"exception": "org.springframework.web.bind.MissingServletRequestParameterException",*  *"message": "Required String parameter 'invoiceId' is not present",*  *"path": "/v1/invoices/ "*  *}*  *401 – Unauthorized*  *{*  *"errors": [*  *{*  *"errorCode": "401",*  *"errorMessage": "Missing Mandatory authentication token : bearer"*  *}*  *]*  *}*  *404 – Not Found*  *{*  *"errors": [*  *{*  *"errorCode": "404",*  *"errorMessage": "Invoice information is not available"*  *}*  *]*  *}* | |

* 1. **Get Invoice List**

**Get**

**/list**

Example: [**https://upscapi.ams1907.com/apis/list/invoice/v1/list**](https://upscapi.ams1907.com/apis/list/invoice/v1/list)

This method allows the Policy Holder to retrieve a list of invoices.

**Request**

|  |
| --- |
| Request Parameters  *No parameters*  Request Headers  Content-Type: *application/json*  bearer: *< secure token issued by API integration team >*  partnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  {  "invoiceInfoList": [  {  "invoiceId": "string",  "invoiceDate": "string"  },  {  "invoiceId": " string",  "invoiceDate": "string"  }  ]  } |
| *401* | **Unauthorized**  {  "errors": [  {  "errorCode": "401",  "errorMessage": "String"  }  ]  } |
| *404* | **Not Found**  {  "errors": [  {  "errorCode": "404",  "errorMessage": "String"  }  ]  } |
|  |  |
| Example: | |
| *200 – Successful Operation*  *{*  *"invoiceInfoList": [*  *{*  *“invoiceId": "20171201",*  *"invoiceDate": "2017-12-12 17:24:23.11"*  *},*  *{*  *"invoiceId": "20171204",*  *"invoiceDate": "2017-12-12 17:24:23.11"*  *}*  *]*  *}*  *401 – Unauthorized*  *{*  *"errors": [*  *{*  *"errorCode": "401",*  *"errorMessage": "Missing Mandatory authentication token : bearer"*  *}*  *]*  *}*  *404 – Not Found*  *{*  *"errors": [*  *{*  *"errorCode": "404",*  *"errorMessage": "Invoice information is not available"*  *}*  *]*  *}* | |

* 1. **Get All Invoices**

**Get**

**/all?invoiceDate= YYYY-MM-DD**

Example:

**<https://upscapi.ams1907.com/apis/list/invoice/v1/all?invoiceDate=2018-01-01>**

This method allows the Policy Holder to retrieve invoice information by date.

**Request**

|  |
| --- |
| Request Parameters invoiceDate *: invoice date to get invoices for a date. FMT: YYYY-MM-DD e.g. 2015-03-05*  Request Headers  Content-Type: *application/json*  bearer: *< secure token issued by API integration team >*  partnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  {  "productId": "string",  "customerCount": "string",  "customer": [  {  "customerId": "string",  "currency": "string",  "totalBillingCount": "string",  "totalServiceCharge": "string",  "billingDetail": [  {  "transactionId": "string",  "serviceDate": "string",  "serviceDescription": "string",  "serviceCharge": "string",  "serviceChargeType": 0,  "billingRef1": "string",  "billingRef2": "string",  "billingRef3": "string",  "billingRef4": "string",  "billingRef5": "string"  }  ]  }  ]  } |
| *400* | **Bad request**  {  "errors": [  {  "errorCode": "400",  "errorMessage": "string"  }  ]  } |
| *401* | **Unauthorized**  {  "errors": [  {  "errorCode": "401",  "errorMessage": "String"  }  ]  } |
| *404* | **Not Found**  {  "errors": [  {  "errorCode": "404",  "errorMessage": "String"  }  ]  } |
|  |  |
| Example: | |
| *200 – Successful Operation*  *{*  *"productId": "1",*  *"customerCount": "2",*  *"customer": [*  *{*  *"customerId": "XX394183",*  *"currency": "USD",*  *"totalBillingCount": "2",*  *"totalServiceCharge": "23.5",*  *"billingDetail": [*  *{*  *"transactionId": "XX7485242",*  *"serviceDate": "2014-07-09 12:00:00.000",*  *"serviceDescription": "Invoiced",*  *"serviceCharge": "11.50",*  *"serviceChargeType": "1"*  *"billingRef1": "",*  *“billingRef2": "”,*  *"billingRef3": "",*  *"billingRef4": "2342",*  *"billingRef5": "YHD"*  *},*  *{*  *"transactionId": "XX7485242",*  *"serviceDate": "2014-07-09 12:00:00.000",*  *"serviceDescription": "Invoiced",*  *"serviceCharge": "11.50",*  *"serviceChargeType": "1",*  *"billingRef1": "",*  *“billingRef2": "”,*  *"billingRef3": "",*  *"billingRef4": "2342123",*  *"billingRef5": "YHD123"*    *}*  *]*  *},*  *{*  *"customerId": "XX394184",*  *"currency": "USD",*  *"totalBillingCount": "1",*  *"totalServiceCharge": "11.5",*  *"billingDetail": [*  *{*  *"transactionId": "XX7485242",*  *"serviceDate": "2014-07-09 12:00:00.000",*  *"serviceDescription": "Invoiced",*  *"serviceCharge": "11.50",*  *"serviceChargeType": "1",*  *"billingRef1": "",*  *“billingRef2": "”,*  *"billingRef3": "12321",*  *"billingRef4": "2342",*  *"billingRef5": "YHD"*  *}*    *]*  *}*  *]*  *}*  *404 – Bad request*  *{*  *"errors": [*  *{*  *"errorCode": "400",*  *"errorMessage": "Invoice Date is not valid."*  *}*  *]*  *}*  *401 – Unauthorized*  *{*  *"errors": [*  *{*  *"errorCode": "401",*  *"errorMessage": "Missing Mandatory authentication token : bearer"*  *}*  *]*  *}*  *404 – Not Found*  *{*  *"errors": [*  *{*  *"errorCode": "404",*  *"errorMessage": "Invoice information is not available"*  *}*  *]*  *}* | |
|  | |
|  | |

**Payment Service APIs**

1. **Payment Service URLs**

UPS Capital Payment Coverage API

The API’s purpose is to allow customers to send payment remittance and confirm the payments.

**Base URL:**  [**https://upscapi.ams1907.com/apis/list/payment/v1**](https://upscapi.ams1907.com/apis/list/claim/v1)

**Schemes: HTTPS**

* 1. **Payment Remittances**

**Post**

**/payments**

Example: [**https://upscapi.ams1907.com/apis/list/invoice/v1/5774870**](https://upscapi.ams1907.com/apis/list/claim/v1/status/P1800350)

This allows customers to send payment remittance for Policy Holder invoices.

**Request**

|  |
| --- |
| Request Parameters  Body*: required*  Request Headers  Content-Type: *application/json*  bearer: *< Token generated by Partner Id>*  partnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |
| Model |
| payment{   |  |  | | --- | --- | | **productId** | **String**  **Required**  Indicates Product Id value assigned by UPS Capital, by default 1 for Policy Holder | | **upscCustomerId** | **String**  **Required**  Indicates Franchise Identifier assigned by UPS Capital | | **paymentRemittanceCurrency** | **String**  **Required**  Payments currency ex: USD | | **paymentRemittanceDate** | **string($date)**  **Required**  Indicates Payment date.  Fmt: YYYY-MM-DD HH:MM:SS.ms  Eg: "2017-10-20 17:24:23.000" | | **transactionId** | **String**  **Required**  Indicates unique identifier of the customer transaction from Policy Holder IT System | | **paymentRemittanceAmount** | **number($double)**  **Required**  Payment Amount | |  |  |   }  paymentReturn{   |  |  | | --- | --- | | **productId** | **String**  Indicates Product Id value assigned by UPS Capital, by default 1 for Channel Partners | | **upscCustomerId**  **apiPaymentSequence** | **String**  Indicates Franchise Identifier assigned by UPS Capital  **String ($UUID)**  Indicates uniquely created payment id for summary remittance payment | | | **paymentRemittanceCurrency** | **String**  Payments currency ex: USD | | | **paymentRemittanceDate** | **string($date)**  Indicates Payment date.  Fmt: YYYY-MM-DD HH:MM:SS.ms  Eg: "2017-10-20 17:24:23.000" | | | **transactionId** | **String**  Indicates unique identifier of the customer transaction from Policy Holder IT System | | | **paymentRemittanceAmount** | **number($double)**  Payment Amount | | | **paymentDetails** | **paymentDetail{**   |  |  | | --- | --- | | **apiPaymentId** | **string($UUI)**  **Unique generated UPS Capial payment Id for transaction ID** | | **transactionId** | **String**  Indicates unique identifier of the customer transaction from IT System | | **paymentRemittanceAmount** | **number($double)**  Payment Amount | |  |  |   **}** | |   }  paymentDetail{   |  |  | | --- | --- | | **apiPaymentId** | **string($UUI)**  **Indicates uniquely UPS Capital payment id transaction id payment amount** | | **transactionId** | **String**  Indicates unique identifier of the customer transaction from Policy Holder IT System | | **paymentRemittanceAmount** | **number($double)**  Payment Amount | |  |  |   } |
| Example: |
| Payment*:*    *{*  *"upscCustomerId": "PP",*  *"productId":"01",*  *"paymentRemittanceCurrency":"PWE",*  *"transactionId":"9900001",*  *"paymentRemittanceDate":"2018-10-03 10:06:23.000",*  *"paymentRemittanceAmount":"1110"*  *}*  PaymentReturn*:*  *{*  *"productId": "01",*  *"upscCustomerId": "PP",*  *"apiPaymentSequence": "XXX00120181003",*  *"paymentRemittanceCurrency": "PWE",*  *"paymentRemittanceDate": "2018-10-03 10:06:23.000",*  *"paymentRemittanceCount": "2",*  *"paymentRemittanceTotalAmount": "2220.0",*  *"paymentDetails": [*  *{*  *"apiPaymentId": "bd251266b7124d0596f89a53150a9c12",*  *"transactionId": "9900001",*  *"paymentRemittanceAmount": "1110"*  *},*  *{*  *"apiPaymentId": "e8e8db83402744939c47df27ffd56d90",*  *"transactionId": "9900002",*  *"paymentRemittanceAmount": "1110"*  *}*  *]*  *}* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  {  "productId": "string",  "upscCustomerId": "string",  "apiPaymentSequence": "string",  "paymentRemittanceCurrency": "string",  "paymentRemittanceCount": "string",  "paymentRemittanceTotalAmount": 0,  "paymentRemittanceDate": "string",  "paymentDetail": [  {  "apiPaymentId": "string",  "transactionId": "string",  "paymentRemittanceAmount": 0  }  ]  } |
| *400* | **Bad request**  {  "errors": [  {  "errorCode": "400",  "errorMessage": "string"  }  ]  } |
| *401* | **Unauthorized**  {  "errors": [  {  "errorCode": "401",  "errorMessage": "String"  }  ]  } |
| *404* | **Not Found**  {  "errors": [  {  "errorCode": "404",  "errorMessage": "String"  }  ]  } |
|  |  |
| Example: | |
| *200 – Successful Operation*  {  "productId": "01",  "upscCustomerId": "PP",  "apiPaymentSequence": "XXX00120181003",  "paymentRemittanceCurrency": "PWE",  "paymentRemittanceDate": "2018-10-03 10:06:23.000",  "paymentRemittanceCount": "1",  "paymentRemittanceTotalAmount": "1110.0",  "paymentDetails": [  {  "apiPaymentId": "e8e8db83402744939c47df27ffd56d90",  "transactionId": "9900001",  "paymentRemittanceAmount": "1110"  }  ]  }    *404 – Bad request*  *{*  *"errors": [*  *{*  *"errorCode": "400",*  *"errorMessage": "Error.Transaction.Invalid.or.Null"*  *}*  *]*  *}*  *401 – Unauthorized*  *{*  *"errors": [*  *{*  *"errorCode": "401",*  *"errorMessage": "Missing Mandatory authentication token : bearer"*  *}*  *]*  *}* | |
|  | |
|  | |

**Get Commodity All - APIs**

1. **Get Commodity All**

# **Get Commodity All**

**GET**

**EXAMPLE: https://upscapi.ams1907.com/apis/list/commodity/v1/all**

API to allows Policy Holder to retrieve all commodities.

**Request**

|  |
| --- |
| Request Headers  Content-Type: *application/json*  bearer: *< secure token issued by API integration team >*  artnerId: *Indicates Partner Id, assigned by UPS Capital to the Policy Holder* |

**Response**

|  |
| --- |
| **Response Headers  content type :** *application/json* |

|  |  |
| --- | --- |
| Code | Description |
| *200* | **successful operation**  {"commodityList": [        {        "commodityID": " String ",        "commodityName": " String ",        "commodityDescription": " String ",        "deductible": " String ",        "newTermsAndConditions": " String",        "usedTermsAndConditions": " String",        "shipmentType": " String"     },    ]  } |
| *400* | **Bad request**  {  "errors": [  {  "errorCode": "400",  "errorMessage": "string"  }  ]  } |
| *401* | **Unauthorized**  {  "errors": [  {  "errorCode": "401",  "errorMessage": "String"  }  ]  } |
| *404* | **Not Found**  {  "errors": [  {  "errorCode": "404",  "errorMessage": "String"  }  ]  } |
|  |  |
| Example: | |
| *200 – Successful Operation*  *{"commodityList": [*  *{*  *"commodityID": "400",*  *"commodityName": "General Merchandise",*  *"commodityDescription": "General Merchandise",*  *"deductible": "2.5% of Total Insured Value ($250 Minimum)",*  *"newTermsAndConditions": "All Risk Coverage with the following exclusions…",*  *"usedTermsAndConditions": "All Risk Coverage with the following exclusions…",*  *"shipmentType": "\"FTL/FCL\""*  *},*  *{*  *"commodityID": "400",*  *"commodityName": "General Merchandise",*  *"commodityDescription": "General Merchandise",*  *"deductible": "2.5% of Total Insured Value ($250 Minimum)",*  *"newTermsAndConditions": "All Risk Coverage with the following exclusions…",*  *"usedTermsAndConditions": "All Risk Coverage with the following exclusions…",*  *"shipmentType": "\"LTL/LCL\""*  *}*  *]*  *}*  *400 – Bad request*  *{*  *"errors": [*  *{*  *"errorCode": "400",*  *"errorMessage": "Commodity information is not available.."*  *}*  *]*  *}*  *401 – Unauthorized*  *{*  *"errors": [*  *{*  *"errorCode": "401",*  *"errorMessage": "The Token issued is not valid."*  *}*  *]*  *}*  *404 – Not Found*  *{*  *"errors": [*  *{*  *"errorCode": "404",*  *"errorMessage": "Not found"*  *}*  *]*  *}* | |

**Error Messages**

* 1. **Error Messages Matrix**

|  |  |  |  |
| --- | --- | --- | --- |
| **API** | **Scenario** | **Error Code** | **Error Messages** |
| Get Pricing | Product ID field is missing | 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 |
| Get Pricing | Commodity Code is missing | 400 | 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 | 400 | Error.Invalid.Product.Id |
| Create Quote | Location ID field is missing | 400 | Error.Location.Id.Invalid.or.Null |
| Create Quote | Location ID is invalid | 400 | Error.Location.Id.Invalid.or.Nul |
| Create Quote | Shipper Principle is missing or invalid | 400 | Error.Shipper.Principal.Invalid.or.Null |
| Create Quote | Payable Attention to is missing 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 |
| Create Quote | UPSC Customer ID is invalid or NULL | 400 | Error.UPSC.Customer.Id.Invalid.or.Null |
| Create Quote | Transaction ID is Invalid or Null | 400 | Error.Transaction.Invalid.or.Null |
| Create Quote | Status is Invalid or Null | 400 | Error.Status.Invalid.or.Null |
| Create Quote | Shipper ID is Invalid or 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.Id.Invalid.or.Null |
| Create Quote | Commodity Code is Invalid or NULL | 400 | Error.Commodity.Code.Invalid.or.Null |
| Create Quote | Used or Oversize Field is Invalid or Null | 400  400 | Error.Oversize.Flag.Invalid.or.Null  Error.Used.Goods.Invalid.or.Null |
| Create Quote | Shipment Address error | 400  400  400 | Error.Shipper.Address2.Invalid.or.Null  Error.Shipper.Address1.Invalid.or.Null  Error.Shipper.State.Invalid.or.Null |
| Notice to File Claim | Invalid Loss amount | 400 | Error.Invalid.Claim.Loss.Amount |
| Notice to File Claim | NULL Loss amount | 400 | Error.Missing.Claims.Loss.Amount |
| Notice to File Claim | Invalid Transaction Id | 400 | Error.Invalid.Transaction.Id |
| Notice to File Claim | NULL Transaction Id | 400 | Error.Missing.Transaction.Id |
| GetInvoice List | No Invoice present in Couchbase | 404 | Invoice information is not available |
| GetInvoice Details | No Invoice present in Couchbase | 404 | Invoice information is not available |
| Notice to File Claim | First Name is NULL | 400 | Error.Missing.Claim.Contact.First.Name |
| Notice to File Claim | Last Name is NULL | 400 | Error.Missing.Claim.Contact.Last.Name |
| Notice to File Claim | Phone Number is NULL | 400 | Error.Missing.Claim.Contact.Phone.Number |
| Notice to File Claim | Email ID is NULL | 400 | Error.Missing.Claim.Contact.Email |
| Notice to File Claim | Invalid Currency | 400 | Error.Invalid.Claim.Currency |
| Notice to File Claim | NULL Currency | 400 | Error.Missing.Claim.Currency |

* 1. **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 |
| ConsigneeName | Alphanumeric; Only the following special characters are allowed: **- + & () / , ~ ` # . : ; “ \* ‘** |
| InsuranceAuthorization | Numeric |
| 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: **- + & () / , ~ ` # . : ; “ \* ‘** |