

ItinReshop User Guide

Interface Specification

Last updated: 20-Mar-18

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revision History** | | | | |
| **Name** | **Version** | **Reason for Change** | **Status** | **Date** |
| BA | 0.1 | ItinReshop – Interface Specification | Final | 31-Aug-16 |
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| BA | 0.3 | Updated Price Class changes | Updated | 20-Mar-18 |

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# Introduction

The ItinReshop Webservice provides IATA Accredited Travel Agents, new retailers and Service Providers the ability to get the refund quote if the booking were to be cancelled [Or] to get the price quote for the held booking.

ItinReshop – this service can be invoked in the below contexts

**Context 1 – Refund quote:** Clients can call ItinReshop to get the amount that would be refunded (i.e a refund quote) if the booking were to be (subsequently) cancelled.

**Context 2 – Requote Held Booking:** Clients can call ItinReshop to get the price quote (requote) for all the order items (Flights and Paid seats) present in the held booking.

**Context 3 – Change Booking – Reshop:** Clients can call ItinReshop for a ticketed confirmed booking to change date - time and/or change cabin/class of their confirmed flight.

**Context 4 – Change Booking – Reprice:** Clients can call ItinReshop to get the price quote for the new flights if they intend to change their current confirmed flights.

## Support Details

### Commercial Support

For any assistance that you require with any commercial queries please contact:

[Selling.distribution@ba.com](mailto:Selling.distribution@ba.com)

### Technical Support

For any assistance with integration issues or general queries, please refer to the blog section available on <http://developer.ba.com>. This section is monitored daily by our technical team and should be the first point of contact for any integration queries.

For any assistance with suspected technical faults or issues please follow the process detailed below:

**System unavailable** – please telephone the British Airways IT Service Centre:

+44 (0) 20 8562 4000

**System available, non-critical faults -** please send an email to:

**itsc.itsc@ba.com**

**Please have the following information available when calling or emailing the service centre:**

**If emailing, the email subject should be:**

* “ Company name – NDC Web Service issue”

**The call or email should include the following:**

* Your name and Company
* Your contact Telephone Number (including full dialling code)
* Full Location including country, town, building
* System / Technology / Hardware involved
* Number of users affected

**Short summary of the problem:**

* Error / System Message: Please put in specific error message received.
* Details of actions leading to problem / question (commands issued, buttons clicked etc)
* Example SOAP of request being sent (including username and password to connect to service.
* Example of any response received from the service.

Attachments of screenshots displaying the error would also be useful.

# Generic Message Elements

## Agency and Service Provider data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Type** | **Data Type** | **Schema Definition**  **(http://www.ba.com/schema/)** | **Optional/Mandatory** | **Comments** |
| Party |  |  | **M** |  |
| Sender |  |  | **M** | Message sender information |
| TravelAgencySender |  |  | M | Specify the travel agency details  Populate TravelAgencySender section only if the request is originated by the Travel Agent |
| Name |  | Party/Sender/TravelAgencySender/Name | O | Travel agency name  **Example:** ABC  **Note:** This is an optional element in NDC schema. BA will neither use nor validate this element even if it was passed |
| Contacts |  |  | O | This is an optional element in NDC schema but for calling BA service this must be passed with requesting agent’s email address only if the requesting agent is an IATA agent  **Note:** Agent contact will only be used in OrderCreate service. Therefore it is up to the client to pass agent email address in AirShopping, FlightPrice and SeatAvailability services |
| Contact |  |  | M |  |
| EmailContact |  |  | O | This is an optional element in NDC schema but for calling BA service (OrderCreate) this must be passed, if the requesting agent is an IATA agent. This is important as the eTicket confirmation email will only be sent to this email address for IATA agent’s bookings  For non-IATA agents, this element need not be passed as the eTicket confirmation email will only be sent to the customer’s email address. However, BA will record this email address to the booking if provided for non-IATA agents |
| Address |  | Party/Sender/TravelAgencySender/Contacts/Contact/EmailContact/Address | M | Travel agency’s email address  **Example:** [**abc@tc.com**](mailto:abc@tc.com)  This is the requesting agent’s email address |
| OtherIDs |  |  | O | Specify Non-IATA agent details  **Note:** This is an optional element in NDC schema but for calling BA services this must be passed if the requesting agent is a non- IATA agent |
| OtherID |  | Party/Sender/TravelAgencySender/OtherIDs/OtherID | M | Non-IATA agent code  **Example:** 01010101 |
| IATA\_Number |  | Party/Sender/TravelAgencySender/IATA\_Number | O | Travel agent’s IATA number  **Example:** 12345678  **Note:** This is an optional element in NDC schema but for calling BA services this must be passed if the requesting agent is an IATA agent |
| AgencyID |  | Party/Sender/TravelAgencySender/AgencyID | M | Travel agency name  **Example:** ABC  **Note:** This is a mandatory element in NDC schema but BA will neither use nor validate this element. Suggestion is to pass travel agency name |
| CorporateSender |  |  |  | Specify corporate details  Populate CorporateSender section only if the request is originated by the Corporate |
| Contacts |  |  | O | This is an optional element in NDC schema. Populate this section with the requesting corporate’s email address only if the corporate is directly creating a booking with BA via NDC Services  Do not populate this section if Travel Management Company (TMC) is creating a booking on behalf of the corporate  **Note:** Corporate contact will only be used in OrderCreate service. Therefore it is up to the client to pass corporate email address in AirShopping, FlightPrice and SeatAvailability services |
| Contact |  |  | M |  |
| EmailContact |  |  | O | This is an optional element in NDC schema but for calling BA service (OrderCreate) this must be passed, if the corporate is directly creating a booking with BA via NDC Services and the corporate has an IATA number. This is important as the eTicket confirmation email will only be sent to this email address for IATA agent’s bookings  For corporates that have non-IATA number, this element need not be passed as the eTicket confirmation email will only be sent to the customer’s email address. However, BA will record this email address to the booking if provided for non-IATA corporates |
| Address |  | Party/Sender/CorporateSender/Contacts/Contacts/EmailContact/Address | M | Corporate’s email address  **Example:** [**abc@tc.com**](mailto:abc@tc.com)  This is the requesting corporate’s email address |
| ID |  | Party/Sender/CorporateSender/ID | M | Corporate’s JBID  **Example:** IN3642FR  Unique ID provided by BA |
| IATA\_Number |  | Party/Sender/CorporateSender/IATA\_Number | O | Corporate’s IATA or non-IATA number  **Example:** 12345678  Do not populate this section if Travel Management Company (TMC) is creating a booking on behalf of the corporate  **Note:** This is an optional element in NDC schema. Populate this element with the requesting corporate’s IATA or non-IATA number only if the corporate is directly creating booking with BA via NDC Services |
| Participants |  |  | O | Specify Service Provider details  **Note:** This is an optional element in NDC schema but if the calling client is a Service Provider then Participants details must be populated. If the calling client is not a Service Provider then Participants details should not be populated. |
| Participant |  |  | M |  |
| TravelAgencyParticipant |  |  | O | Populate this section only if the participant is a Travel Management Company (TMC) and is creating a booking for the corporate customer i.e request is originated by the corporate |
| SequenceNumber (Attribute) |  | Party/Participants/Participant/TravelAgencyParticipant/SequenceNumber (Attribute) | M | Unique number  Example: 2  **Note:** It is recommended that each participant to increment the sequence number by 1.  **Example:** If participant 1 gives sequence number as “2” participant 2 is advised to give sequence number as “3” |
| Contacts |  |  | O | This is an optional element in NDC schema. Populate this section with the requesting agent’s (TMC’s) email address only if the requesting agent is an IATA agent  **Note:** Agent contact will only be used in OrderCreate service. Therefore it is up to the client to pass agent email address in AirShopping, FlightPrice and SeatAvailability services |
| Contact |  |  | M |  |
| EmailContact |  |  | O | This is an optional element in NDC schema but for calling BA service (OrderCreate) this must be passed, if the requesting agent (TMC) is an IATA agent. This is important as the eTicket confirmation email will only be sent to this email address for IATA agent’s bookings  For non-IATA agents, this element need not be passed as the eTicket confirmation email will only be sent to the customer’s email address. However, BA will record this email address to the booking if provided for non-IATA agents (TMCs) |
| Address |  | Party/Participants/Participant/TravelAgencyParticipant/Contacts/Contact/ EmailContact/Address | M | Travel agency’s(TMC’s) email address  **Example:** [**abc@tc.com**](mailto:abc@tc.com)  This is the requesting agent’s email address |
| OtherIDs |  |  | O | Specify Non-IATA agent details  **Note:** This is an optional element in NDC schema but for calling BA services this must be passed if the requesting agent (TMC) is a non- IATA agent |
| OtherID |  | Party/Participants/Participant/TravelAgencyParticipant/OtherIDs/OtherID | M | TMC’s Non-IATA agent code  **Example:** 01010101 |
| IATA\_Number |  | Party/Participants/Participant/TravelAgencyParticipant/IATA\_Number | O | Travel agent’s (TMC’s) IATA number  **Example:** 12345678  **Note:** This is an optional element in NDC schema but for calling BA services this must be passed if the requesting agent (TMC) is an IATA agent |
| AgencyID |  | Party/Participants/Participant/TravelAgencyParticipant/AgencyID | M | Travel agency name  **Example:** ABC  **Note:** This is a mandatory element in NDC schema but BA will neither use nor validate this element. Suggestion is to pass travel agency name |
| AggregatorParticipant |  |  | O | Populate this section only if the calling client is a Service Provider |
| SequenceNumber (Attribute) |  | Party/Participants/Participant/AggregatorParticipant/ SequenceNumber (Attribute) | M | Unique number  Example: 2  **Note:** It is recommended that each participant to increment the sequence number by 1.  **Example:** If participant 1 gives sequence number as “2” participant 2 is advised to give sequence number as “3” |
| Name |  | Party/Participants/Participant/AggregatorParticipant/Name | O | Service Provider name  **Example:** XYZ  **Note:** This is an optional element in NDC schema. BA will neither use nor validate this element even if it was passed |
| AggregatorID |  | Party/Participants/Participant/AggregatorParticipant/AggregatorID | M | Service Provider ID provided by BA  **Example:** 00123456  All BA NDC services will validate this ID and allow only if the AggregatorID provided is valid |

### Example Agency and Service Provider data

**Travel Agent (IATA) accessing BA NDC Services via Service Provider**

<Party>

<Sender>

<TravelAgencySender>

<Name>ABC</Name>

<Contacts>

<Contact>

<EmailContact>

<Address>agentemailaddress@abc.com</Address>

</EmailContact>

</Contact>

</Contacts>

<IATA\_Number>35209893</IATA\_Number>

<AgencyID>ABC</AgencyID>

</TravelAgencySender>

</Sender>

<Participants>

<Participant>

<AggregatorParticipant SequenceNumber="123">

<Name>Travelco</Name>

< AggregatorID > 00123456</AggregatorID >

</AggregatorParticipant>

</Participant>

</Participants>

</Party>

**Travel Agent (Non-IATA) accessing BA NDC Services via Service Provider**

<Party>

<Sender>

<TravelAgencySender>

<Name>ABC</Name>

<Contacts>

<Contact>

<EmailContact>

<Address>agentemailaddress@abc.com</Address>

</EmailContact>

</Contact>

</Contacts>

<OtherIDs>

<OtherID>0000007</OtherID>

</OtherIDs>

<AgencyID>ABC</AgencyID>

</TravelAgencySender>

</Sender>

<Participants>

<Participant>

<AggregatorParticipant SequenceNumber="123">

<Name>Travelco</Name>

< AggregatorID > Travelco </AggregatorID >

</AggregatorParticipant>

</Participant>

</Participants>

</Party>

**Travel Management Company (TMC) accessing BA NDC Services for Corporates**

<Party>

<Sender>

<CorporateSender>

<ID>IN3401FR</ID>

</CorporateSender>

</Sender>

<Participants>

<!--Participant 1 - TMC-->

<Participant>

<TravelAgencyParticipant SequenceNumber="1">

<Contacts>

<Contact>

<EmailContact>

<Address>ndcagent@abc.com</Address>

</EmailContact>

</Contact>

</Contacts>

<IATA\_Number>91266162</IATA\_Number>

<AgencyID>ABCD</AgencyID>

</TravelAgencyParticipant>

</Participant>

</Participants>

</Party>

**Travel Management Company (TMC) accessing BA NDC Services for Corporates via Service Provider**

<Party>

<Sender>

<CorporateSender>

<ID>IN3401FR</ID>

</CorporateSender>

</Sender>

<Participants>

<!--Participant 1 - TMC-->

<Participant>

<TravelAgencyParticipant SequenceNumber="1">

<Contacts>

<Contact>

<EmailContact>

<Address>ndcagent@abc.com</Address>

</EmailContact>

</Contact>

</Contacts>

<IATA\_Number>91266162</IATA\_Number>

<AgencyID>AMEX</AgencyID>

</TravelAgencyParticipant>

</Participant>

<!--Participant 2 - Service Provider-->

<Participant>

<AggregatorParticipant SequenceNumber="2">

<AggregatorID>00000780</AggregatorID>

</AggregatorParticipant>

</Participant>

</Participants>

</Party>

**Corporate accessing BA NDC Services directly**

<Party>

<Sender>

<CorporateSender>

<Contacts>

<Contact>

<EmailContact>

<Address>ndcagent@abc.com</Address>

</EmailContact>

</Contact>

</Contacts>

<ID>IN3401FR</ID>

<! — IATA or non-IATA number should be requested in the same field-->

<IATA\_Number>12345678</IATA\_Number>

</CorporateSender>

</Sender>

</Party>

## Common Schemas

The attached schemas are common for OrderRetrieve, OrderChange, ServiceList, ItinReshop, OrderCancel and AirDocIssue

 

# ItinReshop Webservice

This service either returns refund quote or requote the itinerary depends on the context it is being called

**Context 1 – Refund quote:** Clients can call ItinReshop to get the amount that would be refunded (i.e a refund quote) if the booking were to be (subsequently) cancelled

**Context 2 – Requote Held Booking:** Clients can call ItinReshop to get the price quote (requote) for all the order items (Flights and Paid seats) present in the held booking. The service requotes (fare and tax) for the itinerary, requotes seats (if paid seat is present in the held booking) and returns the total price along with tax break down and fare rules. The service also returns list of applicable cards that can be used when the client pays for the held booking via AirDocIssue service.

This service can only be used on existing bookings made using the Shop and Order APIs, and may only be accessed by the agent who created the booking. If the agent went through a 3rd party provider to create the initial booking (GDS or service provider), it is also mandatory to go through this same provider in order to access the booking. If the above conditions are not met, the service will return an error and prevent access.

It is recommended that a client should call ItinReshop service before proceeding to the OrderCancel service, which actually cancels the booking [Or] to the AirDocIssue service, which accepts payment and issues eTickets and EMDs for the held booking.

**Context 3 – Change Booking – Reshop:** Clients can call ItinReshop for a confirmed ticketed booking and reshop for alternative flights/other offers if they intend to change either the date and/or time of their flight(s) or they want to change the class or cabin of their travel for one or more flights from their booking.

**Context 4 – Change Booking – Reprice:** Clients can call ItinReshop for a confirmed booking to get detailed fare and tax for the new itinerary along with the complete new tax break down and new fare rules.

## Interface Design

This web service is called with the following inputs:

OrderID (Booking reference or PNR reference)

Payers details (optional)

ActionType

Origin and Destination details to be changed

New Origin and Destination details

Booking class of the current flights and new flights.

Fare Group per passenger type of the new flights (for reprice context only)

Flight segment details of the new flights (for reprice context only)

The output data this service returns includes:

OrderID (Booking reference or PNR reference)

List of flight segments and for each flight segment the departure airport, arrival airport, flight number, booking class (selling class) etc

Fare and Tax split per passenger type with tax breakdown

Fare rules for each fare component

Payment Time Limit (Ticket Time Limit), if applicable

Total order price

Total amount that the airline will retain including cancellation penalty fee, if applicable

Total refund amount due to the passenger including tax split

Change of date and time options (Reshop)

Change of airport options (as long as within the same city e.g. LGW to LHR/LCY/STN (Reshop)

Calendar view of flight available for +/- 3 days (Reshop)

Total new Base Fare per passenger type (Reshop)

Total new Tax per passenger type (Reshop)

Fare Group per passenger type of the new flights (Reshop)

Price class details(Reshop)

Fare and detailed tax break down per passenger type for the new selected flight (Reprice)

New detailed Fare Rules

Total ReshopDue (additional collection or Refund) for the booking (Reprice)

Checked Baggage Allowance per passenger per flight (Reprice)

Fare Group per passenger type (Reprice)

List of valid card types to pay for the change requested.

**Limitations:**

* Part cancellation is not supported i.e cancel some of the passengers in the booking or cancel part of the journey
* Bookings containing previously reissued eTickets cannot be cancelled
* Bookings cannot be changed for some of the passengers, it has be changed for all the passengers.

## Schemas

The service adheres to the IATA NDC ItinReshopRQ and ItinReshopRS schema version 16.1, with some modifications

**Schemas**

Main schemas used in the web service. Also, please refer Section 2.2 for common schemas.

 

## Request and Response Definitions

### Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Service Input Parameters** | | | | |
| **Input Parameters** | **Type** | **Schema Definition**  **(**[**http://www**](http://www)**.ba.com**  **/schema/)** | **Optional/Mandatory** | **Comments** |
| Request object | ItinReshopRQ | ItinReshopRQ.xsd | M |  |
| **ItinReshopRQ Data Fields** | | | | |
| **Field Type** | **Data Type** | **Schema Definition**  **(**[**http://www**](http://www)**.ba.com/schema/)** | **Optional/Mandatory** | **Comments** |
| **Agency and Aggregator data See section 2.1** |  |  |  |  |
| Version (Attribute) |  | ItinReshopRQ/Version (Attribute) | M | Specify NDC schema message version. Always pass 16.1  **Note:** This is a mandatory attribute in NDC schema. The service will not validate what is being passed in Version |
| PrimaryLangID (Attribute) |  | ItinReshopRQ/PrimaryLangID (Attribute) | O | Specifies the agent’s preferred language. Service response will be returned in this language  **Note:** If the requested language is not supported by BA or if this is not passed in the request then the default language will be used, which is English  **Example:** EN |
| AltLangID (Attribute) |  | ItinReshopRQ/AltLangID (Attribute) | O | Specifies the preferred language in which the mail to be sent. eTicket receipt email and any other communication emails from BA will be sent in this language  **Note:** If the requested language is not supported by BA or if this is not passed in the request then the default language will be used, which is English  AltLangID will not be used even if it is passed in the ItinReshop request, as there is no email sent from this service  **Example:** EN |
| Document |  |  | M |  |
| Name |  | ItinReshopRQ/Document/Name | O | Always pass “BA” |
| Hold Booking | | | | |
| Query |  |  | M |  |
| Reshop |  |  | M |  |
| Actions |  |  |  |  |
| ActionType |  | ItinReshopRQ/Query/Reshop/Actions/ActionType |  | Possible values are  Cancel  Reprice  Cancel = The service will return refund quote  Reprice = The service will requote the held booking and return the price quote for all order items (flight items and seat items) in the held booking |
| OrderID |  | ItinReshopRQ/Query/Reshop/Actions/OrderID | O | Booking reference or PNR reference  **Example:** YOMH3W  **Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| Owner (Attribute) |  | ItinReshopRQ/Query/Reshop/Actions/OrderID/  Owner (Attribute) | M | Specifies the owner of the booking  **Example:** BA |
| Passengers |  |  | O | Populate this section only in “Reprice” context and only if the client is going to pay for the held booking by Card via AirDocIssue service  This will be used to determine the list of applicable cards that can be used in AirDocIssue service to pay for held booking |
| Passenger |  |  | O | Payer details |
| ResidenceCode |  | ItinReshopRQ/Query/Reshop/Actions/Passengers/ Passenger/ResidenceCode | O | Payer’s billing country  **Example:** GB  **Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| Name |  |  | M |  |
| Surname |  | ItinReshopRQ/Query/Reshop/Actions/Passengers/ Passenger/Name/Surname | O | Payer’s surname or family (last) name  **Example:** SMITH |
| Given |  | ItinReshopRQ/Query/Reshop/Actions/Passengers/ Passenger/Name/Given | O | Payer’s given name or first name  **Example:** WILL |
| Title |  | ItinReshopRQ/Query/Reshop/Actions/Passengers/ Passenger/Name/Title | O | Payer’s title  **Example:** MR |
| Change Booking (Reshop) | | | | |
| Query |  |  | M |  |
| Reshop |  |  | M |  |
| Actions |  |  |  |  |
| ActionType |  | ItinReshopRQ/Query/Reshop/Actions/ActionType |  | Possible values to Change a booking are:  Cancel  Create  Cancel = Current Origin and Destination  Create = New Origin and Destination |
| OrderID |  | ItinReshopRQ/Query/Reshop/Actions/OrderID | O | Booking reference or PNR reference  **Example:** YOMH3W  **Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| OrderItems |  |  | O |  |
| OrderItem |  |  | M |  |
| OrderItemID |  |  | M | Booking reference or PNR reference. Not used by BA but mandatory in the IATA schema |
| FlightItem |  |  | O |  |
| OriginDestination |  |  | M |  |
| Flight |  |  | M |  |
| Departure |  |  | M |  |
| AirportCode |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/AirportCode | M | Three letter Departure Airport Code  **Example:** LHR |
| Date |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/Date | M | Departure Date YYYY-MM-DD  **Example:** 2016-12-31 |
| Time |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/Time | O | Time of the flight  **Example:** 11:45 |
| Arrival |  |  | M |  |
| Airportcode |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/AirportCode | M | Three letter Arrival Airport Code  **Example:** MIA |
| Date |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/Date | O | Arrival Date YYYY-MM-DD  **Example:-** 2016-12-31 |
| MarketingCarrier |  |  | M |  |
| AirlineId |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ MarketingCarrier/AirlineId | M | Two letter Marketing Carrier Code  **Example:-** BA |
| FlightNumber |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ MarketingCarrier/Flightnumber | M | Four digit Marketing Flight Number  Example:- 0007  Note: This has to be 4 digit, could be preceded by as many ‘0’ as needed to make it 4 digit.  This value is ignored in the Change booking Reshop context as the alternatives returned are not for a particular flight. |
| ClassOfService |  |  | O |  |
| Code |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ClassOfService/Code | M | A single letter class of service within a cabin  **Example:-** T  This value is ignored in the Change booking Reshop context as the alternatives returned are not for a particular flight. |
| MarketingName |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ClassOfService/MarketingName | O | It’s a marketing name given to the cabin.  **Example:-** Euro Traveller  This value is ignored |
| Change Booking (Reprice) | | | | |
| Query |  |  | M |  |
| RepriceOnly |  |  | M |  |
| OrderItems |  |  | O |  |
| OrderItem |  |  | M |  |
| OrderItemID |  |  | M | Booking reference or PNR reference. Not used by BA but mandatory in the IATA schema |
| FlightItem |  |  | O |  |
| OriginDestination |  |  | M | Repeat this once for original O&D and once for new O&D |
| Flight |  |  | M |  |
| Departure |  |  | M |  |
| AirportCode |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/AirportCode | M | Three letter Departure Airport Code  **Example:** LHR |
| Date |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/Date | M | Departure Date YYYY-MM-DD  **Example:** 2016-12-31 |
| Time |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/Time | O | Time of the flight  **Example:** 11:45 |
| Arrival |  |  | M |  |
| Airportcode |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/AirportCode | M | Three letter Arrival Airport Code  **Example:** MIA |
| Date |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/Date | O | Arrival Date YYYY-MM-DD  **Example:-** 2016-12-31 |
| MarketingCarrier |  |  | M |  |
| AirlineId |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ MarketingCarrier/AirlineId | M | Two letter Marketing Carrier Code  **Example:-** BA |
| FlightNumber |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ MarketingCarrier/Flightnumber | M | Four digit Marketing Flight Number  Example:- 0007  Note: This has to be 4 digit, could be preceded by as many ‘0’ as needed to make it 4 digit.  This value is ignored in the Change booking Reshop context as the alternatives returned are not for a particular flight. |
| ClassOfService |  |  | O |  |
| Code |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ClassOfService/Code | M | A single letter class of service within a cabin  **Example:-** T  This value is ignored in the Change booking Reshop context as the alternatives returned are not for a particular flight. |
| MarketingName |  | ItinReshopRQ/Query/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ClassOfService/MarketingName | O | It’s a marketing name given to the cabin.  **Example:-** Euro Traveller  This value is ignored |
| DataLists |  |  | O |  |
| FareList |  |  |  | This is optional in IATA schema but to change your booking this should be passed in the request. This can be taken from the ItinReshop – reprice response. |
| FareGroup |  |  | M | This is a list and will be repeated to return all fare basis code for the itinerary |
| refs (Attribute) |  | ItinReshopRQ /DataLists/FareList/FareGroup/refs (Attribute) | O | Reference to passengers and flight to which the fare basis code is applicable  **Example:** t3 BA0428 |
| ListKey (Attribute) |  | ItinReshopRQ /DataLists/FareList/FareGroup/ListKey (Attribute) | M | **Example:** FBCODEINFBA0428 |
| Fare |  |  | M |  |
| FareCode |  |  | M |  |
| Code |  | ItinReshopRQ /DataLists/FareList/FareGroup/Fare/ FareCode/Code | M | Will always be “70J” |
| FareBasisCode |  |  | M |  |
| Code |  | ItinReshopRQ /DataLists/FareList/FareGroup/ FareBasisCode/Code | M | Fare basis code  **Example:** VZ0RIN |
| FlightSegmentList |  |  | O |  |
| FlightSegment |  |  | M | Flight segment details |
| SegmentKey (Attribute) |  | ItinReshopRQ/DataLists/FlightSegmentList/FlightSegment/SegmentKey (Attribute) | M | Unique flight segment key  **Example:** F1 |
| Departure |  |  | M | Departure information |
| AirportCode |  | ItinReshopRQ/DataLists/FlightSegmentList/FlightSegment/Departure/AirportCode | M | Departure airport IATA code  **Example:** LHR |
| Date |  | ItinReshopRQ/DataLists/FlightSegmentList/FlightSegment/Departure/Date | M | Local Departure date i.e. local to the departure location  **Example:** 2015-07-01 |
| Arrival |  |  | M | Arrival information |
| AirportCode |  | ItinReshopRQ/DataLists/FlightSegmentList/FlightSegment/Arrival/AirportCode | M | Arrival airport IATA code  **Example:** AMS |
| Date |  | ItinReshopRQ/DataLists/FlightSegmentList/FlightSegment/Arrival/Date | O | Local Arrival date i.e. local to the arrival location  **Example:** 2015-07-01 |
| MarketingCarrier |  |  | M | Marketing carrier information |
| AirlineID |  | ItinReshopRQ/DataList s/FlightSegmentList/FlightSegment/MarketingCarrier/AirlineID | M | Marketing carrier code  **Example:** BA |
| FlightNumber |  | ItinReshopRQ/DataLists/FlightSegmentList/FlightSegment/MarketingCarrier/FlightNumber | M | Marketing flight number  **Example:** 0428 |

### Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Service Input Parameters** | | | | |
| **Input Parameters** | **Type** | **Schema Definition**  **(http://www.ba.com**  **/schema/)** | **Optional/Mandatory** | **Comments** |
| Request object | ItinReshopRS | ItinReshopRS.xsd | M |  |
| **ItinReshopRS Data Fields** | | | | |
| **Field Type** | **Data Type** | **Schema Definition**  **(http://www.ba.com/schema/)** | **Optional/Mandatory** | **Comments** |
| Document |  |  | M |  |
| Name |  | ItinReshopRS/Document/Name | O | Will be returned as “BA” |
| Success |  | ItinReshopRS/Success | M | The presence of the empty Success element explicitly indicates that the message succeeded |
| Response |  |  | M |  |
| Passengers |  |  | M | Returns all passengers in the booking |
| Passenger |  |  | O | Passenger details |
| ObjectKey (Attribute) |  | ItinReshopRS/Response /Passengers/Passenger/ ObjectKey (Attribute) | O | Unique passenger ID  **Example:** T1 |
| PTC |  | ItinReshopRS/Response /Passengers/Passenger/PTC | O | Passenger Type  Possible values are: ADT,CHD,INF  Where  ADT = Adult  CHD = Child  INF = Infant |
| Name |  |  | M | Passenger name details |
| Surname |  | ItinReshopRS/Response /Passengers/Passenger/Name/Surname | M | Passenger’s surname or family (last) name |
| Given |  | ItinReshopRS/Response /Passengers/Passenger/Name/Given | O | Passenger’s given name or first name |
| Title |  | ItinReshopRS/Response /Passengers/Passenger/Name/Title | O | Passenger’s title  **Example:** Mr |
| Middle |  | ItinReshopRS/Response /Passengers/Passenger/Name/Middle | O | Passenger’s middle name or initial  **Example:** G |
| Order |  |  | M |  |
| OrderID |  | ItinReshopRS/Response/ Order/OrderID | M | Booking reference or PNR reference  **Example:** YOMH3W |
| Owner (Attribute) |  | ItinReshopRS/Response/ Order/OrderID/Owner (Attribute) | M | Owner of the booking  **Example:** BA |
| **ItinReshopRS – Requote Held Booking** | | | | |
| TotalOrderPrice |  |  | O | Returns the total order price  **Note:** This is the price that the customer has to pay to confirm the booking via AirDocIssue service |
| SimpleCurrencyPrice |  | ItinReshopRS/Response/ Order/TotalOrderPrice/ SimpleCurrencyPrice | M | Total order price  **Example:** 1030.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/TotalOrderPrice/SimpleCurrencyPrice/Code (Attribute) | O | Currency code  **Example:** GBP |
| OrderItems |  |  | M |  |
| OrderItem |  |  | M | For Flight requote, OrderItem will be repeated for each passenger type to return flight price and fare rules. Example, if the held booking was for 1 ADT, 1 CHD and 1 INF then OrderItem will be returned thrice each with FlightItem containing price and fare rules for the FlightItem  For Seat requote, OrderItem will be repeated for each seat item along with seat price and location details |
| OrderItemID |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/OrderItemID | M | **Example:**  FLIGHT for flight requote  SEAT for seat requote |
| Owner (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/OrderItemID/Owner (Attribute) | M | Owner of the booking  **Example:** BA |
| ObjectKey (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/OrderItemID/ObjectKey (Attribute) | O | **Example:** FLIGHT-CHILD |
| FlightItem |  |  | O |  |
| Refs (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Refs (Attribute) | O | Reference to each passenger of the same type to whom the price is applicable  Multiple references will be separated by a space.  **Example:** T1 T2 |
| Price |  |  | O |  |
| BaseAmount |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/BaseAmount | M | Total base fare for the itinerary per pax type  **Example:** 26.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/BaseAmount/Code(Attribute) | O | Currency Code  **Example:** GBP |
| Taxes |  |  | O | Tax information |
| Total |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Total | O | Total tax for the itinerary per pax type  **Example:** 65.99 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Total/Code (Attribute) | O | Currency Code  **Example:** GBP |
| Breakdown |  |  | O | Tax breakdown information |
| Tax |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Breakdown/Tax/Amount | M | Individual tax amount  **Example:** 42.06 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Breakdown/Tax/Amount/Code (Attribute) | O | Currency Code  **Example:** GBP |
| TaxCode |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Breakdown/Tax/TaxCode | O | Tax code  **Example:** UB |
| CollectionPoint |  |  | O | Tax data break down by collection point for XF (Extra fee) and ZP (Federal tax segment) taxes |
| CurrCode |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Breakdown/Tax/CollectionPoint/CurrCode | O | Airport’s local currency code  **Example:** USD |
| AirportAmount |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Breakdown/Tax/CollectionPoint/AirportAmount | M | Amount filed by the airport in the currency applicable to the geographical location of the airport  **Example:** 4.50 |
| AirportCode |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/Price/Taxes/Breakdown/Tax/CollectionPoint/AirportCode | M | Segment departure or arrival airport code  **Example:** JFK |
| OriginDestination |  |  | M |  |
| Flight |  |  | M | Flight details |
| SegmentKey |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/SegmentKey | O | **Example:** F1 |
| Departure |  |  | M | Departure information |
| AirportCode |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/ AirportCode | M | Departure airport IATA code  **Example:** LHR |
| Date |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/ Date | M | Local Departure date i.e. local to the departure location  **Example:** 2015-08-13 |
| Time |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/ Time | O | Local Departure time i.e. local to the departure location |
| Terminal |  |  | O | Departure terminal information |
| Name |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Departure/ Terminal/Name | O | **Example:** 2 |
| Arrival |  |  | M | Arrival information |
| AirportCode |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/ AirportCode | M | Arrival airport IATA code  **Example:** AMS |
| Date |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/ Date | O | Local Arrival date i.e. local to the arrival location  **Example:** 2015-08-19 |
| Time |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/ Time | O | Local Arrival time i.e. local to the arrival location |
| Terminal |  |  | O | Arrival terminal information |
| Name |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Arrival/ Terminal/Name | O | **Example:** 3 |
| MarketingCarrier |  |  | M | Marketing carrier information |
| AirlineID |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/MarketingCarrier/AirlineID | M | Marketing carrier code  **Example:** BA |
| FlightNumber |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/MarketingCarrier/FlightNumber | M | Marketing flight number  **Example:** 1403 |
| OperatingCarrier |  |  | O | Operating carrier information |
| Name |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/OperatingCarrier/Name | O | Operating carrier code  **Example:** AA |
| Equipment |  |  | O |  |
| AircraftCode |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Equipment /AircraftCode | M | **Example:** 744 |
| ClassOfService |  |  | O |  |
| Code |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ClassOfService/Code | M | Selling or Booking class code  **Example:** W |
| MarketingName |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/ClassOfService/MarketingName | O | Cabin name  **Example:** World Traveller |
| Details |  |  | O |  |
| FlightSegmentType |  |  | O |  |
| Code |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Details/ FlightSegmentType/Code | M | Passenger segment status code  Will always be “HK”  HK = Confirmed |
| FlightDuration |  |  | O | Flight segment duration |
| Value |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Details/ FlightDuration/Value | M | **Example:** PT10H |
| Stops |  |  | O | Flight stop quantity |
| StopQuantity |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/OriginDestination/Flight/Details/Stops/StopQuantity | O | Stop quantity  **Example:** 1 |
| FareDetail |  |  | O | Fare rules information |
| FareComponent |  |  | M | Fare component pricing information. This is a list and is repeated for each fare component |
| refs (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/FareDetail/ FareComponent/refs (Attribute) | O | Flight segments that are applicable for this fare component  Unique reference to a flight segment  **Example:** BA1434 |
| FareRules |  |  | O |  |
| Penalty |  |  | O | Penalty information |
| Details |  |  | O |  |
| Detail |  |  | M | Detail will be repeated to return penalty fee for change, upgrade and refund |
| Type |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/FareDetail/FareComponent/FareRules/Penalty/Details/Detail/Type | M | Possible values are  Change  Upgrade  Cancellation |
| Amounts |  |  | O | Penalty fee can either be percentage or currency amount. |
| Amount |  |  | M |  |
| CurrencyAmountValue |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/FareDetail/FareComponent/FareRules/Penalty/Details/Detail/Amounts/Amount/CurrencyAmountValue | M | Change/Upgrade/Cancellation penalty currency amount  **Example:** 60 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/FareDetail/FareComponent/FareRules/Penalty/Details/Detail/Amounts/Amount/CurrencyAmountValue/Code (Attribute) | O | Currency Code  **Example:** GBP |
| PercentageValue |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/FareDetail/FareComponent/FareRules/Penalty/Details/Detail/Amounts/Amount/PercentageValue | M | Change/Upgrade/Cancellation penalty percentage value  **Example:** 5 |
| ApplicableFeeRemarks |  |  | O | Change/Upgrade/Cancellation rule text is returned here |
| Remark |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/FlightItem/FareDetail/FareComponent/FareRules/Penalty/Details/Detail/Amounts/Amount/ApplicableFeeRemarks/Remark | M | **Example:** Time/date changes permitted at any time before each flight departure for a change fee of GBP 60 or an upgrade fee of GBP60 plus any difference in fare. Changes subject to availability. Fees apply per ticket |
| TimeLimits |  |  | O | This will be returned only for held booking i.e booking created without eTickets.  PaymentTimeLimit will be returned for each OrderItem although the time limit is same for all the OrderItems |
| PaymentTimeLimit |  |  | O | This is the deadline by which a commitment to pay must be made for the confirmed items in an offer as agreed with the airline  This is also called as Ticket Time Limit, as tickets will only be issued once payment is made |
| Timestamp (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/TimeLimits/PaymentTimeLimit/Timestamp (Attribute) | O | Payment Time Limit or Ticket Time Limit  **Example:**  2016-09-05T22:59:00.000Z |
| SeatItem |  |  |  |  |
| Price |  |  |  | Seat price |
| Total |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/SeatItem/Price/Total |  | **Example:** 15.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/SeatItem/Price/Total/Code (Attribute) |  | Currency Code  **Example:** GBP |
| Location |  |  |  | Seat location details |
| Column |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/SeatItem/Location/ Column |  | Seat column  **Example:** B |
| Row |  |  |  | Seat row |
| Number |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/SeatItem/Location/ Row/Number |  | Row number  **Example:** 39 |
| SeatAssociation |  |  |  |  |
| SegmentReferences |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/SeatItem/SeatAssociation/SegmentReferences |  | Reference to a flight on which the seat is booked  **Example:** F1 |
| TravelerReference |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/SeatItem/SeatAssociation/TravelerReference |  | Reference to a passenger for whom the seat is booked  **Example:** T1 |
| TimeLimits |  |  | O | This will be returned only for held booking i.e booking created without eTickets.  PaymentTimeLimit will be returned for each OrderItem although the time limit is same for all the OrderItems |
| PaymentTimeLimit |  |  | O | This is the deadline by which a commitment to pay must be made for the confirmed items in an order as agreed with the airline  This is also called as Ticket Time Limit, as tickets will only be issued once payment is made |
| Timestamp (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/TimeLimits/PaymentTimeLimit/Timestamp (Attribute) | O | Payment Time Limit or Ticket Time Limit  **Example:**  2016-09-05T22:59:00.000Z |
| ReShopOffers |  |  | M |  |
| ReShopOffer |  |  | M | Returns the Total order price |
| OfferID |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/OfferID | M | An unique ID  **Example:** OFFER1 |
| Owner (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/OfferID/Owner (Attribute) | M | Will always be returned as “BA” |
| TotalPrice |  |  |  | Returns the total order price  **Note:** This is the price that the customer has to pay to confirm the booking via AirDocIssue service |
| SimpleCurrencyPrice |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/SimpleCurrencyPrice |  | Total order price  **Example:** 1030.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/SimpleCurrencyPrice/Code (Attribute) |  | Currency Code  **Example:** GBP |
| **ItinReshopRS – Refund Quote** | | | | |
| TotalOrderPrice |  |  | O | Returns the total order price |
| DetailCurrencyPrice |  |  | M |  |
| Total |  | ItinReshopRS/Response/Order/TotalOrderPrice/DetailCurrencyPrice/Total | M | Total order price  **Example:** 1030.46 |
| Code (Attribute) |  | ItinReshopRS/Response/Order/TotalOrderPrice/DetailCurrencyPrice/Total/ Code (Attribute) | O | Currency code  **Example:** GBP |
| Details |  |  | O |  |
| Detail |  |  | M |  |
| SubTotal |  | ItinReshopRS/Response/ Order/TotalOrderPrice/ DetailCurrencyPrice/Details/Detail/SubTotal | O | Total base fare for the itinerary (without tax)  **Example:** 579.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/TotalOrderPrice/ DetailCurrencyPrice/Details/Detail/SubTotal/Code (Attribute) | O | Currency code  **Example:** GBP |
| Application |  | ItinReshopRS/Response/ Order/TotalOrderPrice/ DetailCurrencyPrice/Details/Detail/Application | O | Possible values are  Flight Base Fare  Ancillaries |
| Taxes |  |  | O | Total tax amount applicable for the flights in the itinerary |
| Total |  | ItinReshopRS/Response/ Order/TotalOrderPrice/ DetailCurrencyPrice/ Taxes/Total | O | Total tax amount  **Example:** 343.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ Order/TotalOrderPrice/ DetailCurrencyPrice/ Taxes/Total/Code (Attribute) | O | Currency code  **Example:** GBP |
| OrderItems |  |  | M |  |
| OrderItem |  |  | M |  |
| OrderItemID |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/OrderItemID | M | Booking reference or PNR reference  **Example:** YOMH3W |
| Owner (Attribute) |  | ItinReshopRS/Response/ Order/OrderItems/OrderItem/Owner (Attribute) | M | Owner of the booking  **Example:** BA |
| ReShopOffers |  |  | M |  |
| ReShopOffer |  |  | M | Returns the Total order price, the amount that the airline will retain and the amount that the customer is going to be refunded if the booking were to be cancelled |
| OfferID |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/OfferID | M | An unique ID  **Example:** OFFER1 |
| Owner (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/OfferID/Owner (Attribute) | M | Will always be returned as “BA” |
| TimeLimits |  |  | O | This will be returned only when the ItinReshopRQ is invoked within 24 hrs of booking creation |
| OfferExpiration |  |  | O |  |
| DateTime (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TimeLimits/OfferExpiration/DateTime(Attribute) | O | Returns the time until when the offer is valid  **Example:**  2015-10-29T16:37:00.000Z |
| TotalPrice |  |  | O | Returns the total amount that the airline will retain if the booking were to be cancelled  **Example:**  If the total booking value is  Flight = £100 (fare) + £50 (tax)  Seat = £20  If the customer wants to cancel and refund the booking , in the ReShopOffer it will be returned  Flight = £50 (fare) + £0 (tax)  Seat = £20  Cancellation penalty = £10  Which means airline will retain £80 and customer will get £40 if the booking were to be cancelled |
| DetailCurrencyPrice |  |  | M |  |
| Total |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/Total | M | Total amount that the airline will retain  **Example:** 108.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/Total/Code(Attribute) | O | Currency code  **Example:** GBP |
| Details |  |  | O | Returns the price for itinerary that the airline will retain |
| Detail |  |  | M |  |
| SubTotal |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/Details/Detail/SubTotal | O | Total base fare for the itinerary (without tax) that the airline will retain  **Example:** 108.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/Details/Detail/SubTotal/Code (Attribute) | O | Currency code  **Example:** GBP |
| Application |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/Details/Detail/Application | O | Possible values are  Flight Base Fare  Ancillaries |
| Taxes |  |  | O | Total tax amount that the airline will retain |
| Total |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/ Taxes/Total | O | Total tax amount  **Example:** 0.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/TotalPrice/DetailCurrencyPrice/Taxes/Total/Code (Attribute) | O | Currency code  **Example:** GBP |
| Penalty |  |  | O | Returns the cancellation penalty amount |
| Details |  |  | O |  |
| Detail |  |  | M |  |
| Type |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/Penalty/Details/Detail/Type | M | Penalty type  Will be returned as “Cancellation Penalty” |
| Amounts |  |  | O |  |
| Amount |  |  | M |  |
| CurrencyAmountValue |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/Penalty/Details/Detail/Amounts/Amount/ CurrencyAmountValue | M | Cancellation penalty amount  **Example:** 50.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/Penalty/Details/Detail/Amounts/Amount/CurrencyAmountValue/Code (Attribute) | O | Currency code  **Example:** GBP |
| ReshopDifferential |  |  | O |  |
| OriginalOrder |  |  | M | Returns the original order price |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/OriginalOrder/Total/Amount | O | **Example:** 1030.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/OriginalOrder/Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| NewOffer |  |  | M | Returns the amount that the airline will retain if the booking were to be cancelled |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ NewOffer/Total/Amount | O | **Example:** 108.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ NewOffer/Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| PenaltyAmount |  |  | O | Returns the penalty amount applicable for this booking cancellation |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ PenaltyAmount/Total/Amount | O | **Example:** 50.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ PenaltyAmount/Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| ReshopDue |  |  | M |  |
| ByPassenger |  |  | M | Returns the total amount due to the customer  This will be a negative amount as the amount is owed by the airline to the customer |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/ByPassenger /Total/Amount | O | Total amount that the customer is entitled inclusive of taxes if the booking were to be cancelled  **Example:** -922.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/ByPassenger /Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| Taxes |  |  | O | Returns the total tax amount that the customer is entitled if the booking were to be cancelled.  **Note:** This tax amount is included in the total amount due to the customer |
| Total |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/Taxes/Total | O | **Example:** -343.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/Taxes/Total/ Code (Attribute) | O | Currency code  **Example:** GBP |
| Change Booking (Reshop) | | | | |
|  |  |  |  |  |
| ReShopOffers |  |  |  |  |
| ReShopOffers |  | ItinReshopRS/Reshop/ReshopOffers | M |  |
| ReShopOffer |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer | M | Returns the flight offer for the selected date |
| RequestedDateInd(Attribute) |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/ RequestedDateInd | M | A Boolean variable  true: offer for the requested date  false: calendar offer |
| OfferID |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/OfferId | M | Offer ID  **Example:-**  Offer 1 |
| Owner (Attribute) |  | ItinReshopRS/Response/ReShopOffers/ReShopOffer/OfferID/Owner(Attribute) | M | Owner of the booking  **Example:** BA |
| ReShopPricedOffer |  |  | O |  |
| OfferPrice |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/OfferId/ ReShopPricedOffer /OfferPrice | M |  |
| OfferItemID(Attribute) |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/OfferId/OfferItemID(Attribute) | M | A unique OrderItem Identifier  **Example:-** 1  Note: This field has no significance |
| RequestedDate |  |  | M |  |
| PriceDetail |  |  | M |  |
| TotalAmount |  |  | O |  |
| SimpleCurrencyPrice |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice | M | Total New Fare (Base Fare + Tax) |
| Code(Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice/Code (Attribute) | O |  |
| BaseAmount |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/BaseAmount | M | Base Fare value  **Example:-** 450.81 |
| Code(Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/BaseAmount/Code (Attribute) | O | Three letter ISO currency code  **Example:-**  GBP |
| Taxes |  |  | O |  |
| Total |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Total | M | Total of all taxes  **Example:- 64.78** |
| Code |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Total/Code(Attribute) | O | Three letter ISO currency code  **Example:-**  GBP |
| Associations |  |  | O |  |
| AssociatedTraveler |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/Associations/ AssociatedTraveler | O |  |
| TravelerReferences |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/Associations/ AssociatedTraveler/TravelerReferences | M | Reference to each passenger of the same type.  Example, if you have 2 ADT and this OfferPrice is for ADT then the TravelerReferences will be T1 and T2. Multiple references will be separated by a space.  **Example:** T1 T2 |
| Associations |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations | O |  |
| ApplicableFlight |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight | O | Flights that are applicable for this offer. ApplicableFlight will be repeated per O&D.  Example: If the response is for 2 O&D (LHRAMS and AMSLHR) then there will be 2 Associations each containing an ApplicableFlight with one FlightSegmentReference i.e one for LHRAMS and one for AMSLHR |
| FlightSegmentReference |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference | O | List of flight segments that are applicable for this offer  Example, if your O&D is EBI-ABQ and has 3 flight segments BA1434, BA117,BA5621 then FlightSegmentReference will be repeated thrice |
| Ref(Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference/Ref(Attribute) | M | Unique reference to a flight segment  **Example:** BA1434 |
| ClassOfService |  |  | M |  |
| Code |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference/ ClassOfService/ Code | M | Booking/Selling class  **Example:** O |
| MarketingName |  |  |  | The cabin this selling class belongs to  **Example:** Euro Traveller |
| PriceClass |  |  | O | Fare product name for the offer is returned here. Fare product name is returned only for offers returned in Economy cabin |
| PriceClassReference |  | ItinReshopRS/Response/ReShopOffers/ReShopOffer/ReShopPricedOffer/Associations/PriceClass/PriceClassReference | M | Reference to a fare product name  Possible values are  Handbaggageonly  Basic  Plus  PlusFlex  Standard  Standard Flex  **Note:** The attributes for each fare product are returned in DataLists/PriceClassList |
| Change Booking (Reprice) | | | | |
| ReShopOffers |  | ItinReshopRS/Reshop/ReshopOffers | M |  |
| ReShopOffer |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer | M | Returns the flight offer for the selected date |
| RequestedDateInd(Attribute) |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/ RequestedDateInd | M | A Boolean variable  true: offer for the requested date  false: calendar offer |
| OfferID |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/OfferId | M | Offer ID  **Example:-**  Offer 1 |
| Owner (Attribute) |  | ItinReshopRS/Reshop/ReshopOffers/ReshopOffer/OfferId/Owner(Attribute) | M | Always ‘BA’ |
| ReShopPricedOffer |  |  | O |  |
| OfferPrice |  |  | M |  |
| RequestedDate |  |  | M |  |
| PriceDetail |  |  | M |  |
| TotalAmount |  |  | O |  |
| SimpleCurrencyPrice |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice | M | Total New Fare (Base Fare + Tax) |
| Code (Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice/Code (Attribute) | O | Three letter ISO currency code  **Example:-**  GBP |
| BaseAmount |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/BaseAmount | M | Base Fare value  **Example:-** 450.81 |
| Code (Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/BaseAmount/Code (Attribute) | O | Three letter ISO currency code  **Example:-**  GBP |
| Taxes |  |  | O |  |
| Total |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Total | M | Total of all taxes  **Example:- 64.78** |
| Code |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Total/Code(Attribute) | O | Three letter ISO currency code  **Example:-**  GBP |
| Associations |  |  | O |  |
| AssociatedTraveler |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/Associations/ AssociatedTraveler | O |  |
| TravelerReferences |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/OfferPrice/RequestedDate/Associations/ AssociatedTraveler/TravelerReferences | M | Reference to each passenger of the same type.  Example, if you have 2 ADT and this OfferPrice is for ADT then the TravelerReferences will be T1 and T2. Multiple references will be separated by a space.  **Example:** T1 T2 |
| Associations |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations | O |  |
| ApplicableFlight |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight | O | Flights that are applicable for this offer. ApplicableFlight will be repeated per O&D.  Example: If the response is for 2 O&D (LHRAMS and AMSLHR) then there will be 2 Associations each containing an ApplicableFlight with one FlightSegmentReference i.e one for LHRAMS and one for AMSLHR |
| FlightSegmentReference |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference | O | List of flight segments that are applicable for this offer  Example, if your O&D is EBI-ABQ and has 3 flight segments BA1434, BA117,BA5621 then FlightSegmentReference will be repeated thrice |
| Ref (Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference/Ref(Attribute) | M | Unique reference to a flight segment  **Example:** BA1434 |
| ClassOfService |  |  | M |  |
| Code (Attribute) |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference/ ClassOfService/ Code | M | Booking/Selling class  **Example:** O |
| BagDetailAssociation |  |  | O |  |
| CheckedBagReferences |  | ItinReshopRS/Response/ReshopOffers/ReshopOffer/ReshopPricedOffer/Associations/ ApplicableFlight/ FlightSegmentReference/ BagDetailAssociation/ CheckedBagReferences | O | Reference to Baggage allowance  **Example:** CKBAGBA0724 |
| FareDetail |  |  | O | Fare rules information |
| FareComponent |  |  | M | Fare component pricing information. This is a list and is repeated for each fare component |
| refs (Attribute) |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/refs (Attribute) | O | Flight segments that are applicable for this fare component  Unique reference to a flight segment  **Example:** BA1434 |
| FareRules |  |  | O |  |
| Penalty |  |  | O | Penalty information |
| Details |  |  | O |  |
| Detail |  |  | M | Detail will be repeated to return penalty fee for change, upgrade and refund |
| Type |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Type | M | Possible values are  Change  Upgrade  Cancellation |
| Amounts |  |  | O | Penalty fee can either be percentage or currency amount. |
| Amount |  |  | M |  |
| CurrencyAmountValue |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/CurrencyAmountValue | M | Change/Upgrade/Cancellation penalty currency amount  **Example:** 60 |
| Code (Attribute) |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/CurrencyAmountValue/Code (Attribute) | O | Currency Code  **Example:** GBP |
| PercentageValue |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/PercentageValue | M | Change/Upgrade/Cancellation penalty percentage value  **Example:** 5 |
| ApplicableFeeRemarks |  |  | O | Change/Upgrade/Cancellation rule text is returned here |
| Remark |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/ApplicableFeeRemarks/Remark | M | **Example:** Time/date changes permitted at any time before each flight departure for a change fee of GBP 60 or an upgrade fee of GBP60 plus any difference in fare. Changes subject to availability. Fees apply per ticket |
| Remarks |  |  | O | Fare rules for fare categories such as Rule Application, Combinability, Min rule, Max rule, Stopover rule and Penalty rule are returned here. This is mainly returned for complex journeys |
| Remark |  | ItinReshopRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/Remarks/Remark | M | Rule text for each category is returned here |
| ReshopDifferential |  |  | O |  |
| OriginalOrder |  |  | M | Returns the original order price |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/OriginalOrder/Total/Amount | O | **Example:** 1030.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/OriginalOrder/Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| NewOffer |  |  | M | Returns the new total offer price |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ NewOffer/Total/Amount | O | **Example:** 108.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ NewOffer/Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| PenaltyAmount |  |  | O | Returns the penalty amount applicable for this booking cancellation |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ PenaltyAmount/Total/Amount | O | **Example:** 50.00 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ PenaltyAmount/Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| ReshopDue |  |  | M |  |
| ByPassenger |  |  | M | Returns the total amount that the customer will have to pay to make this booking.  Negative amount indicates that the customer will be refunded, positive amount indicates that customer will have to pay if they intend to go ahead with the change. |
| Total |  |  | M |  |
| Amount |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/ByPassenger /Total/Amount | O | Total amount that the customer will have to pay or they will be refunded.  **Example:** -922.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/ByPassenger /Total/Amount/Code (Attribute) | O | Currency code  **Example:** GBP |
| Taxes |  |  | O | Returns the total tax amount that the customer will have to pay or they will be refunded.  **Note:** This tax amount is included in the total amount due to the customer or to be paid by the customer. |
| Total |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/Taxes/Total | O | **Example:** -343.46 |
| Code (Attribute) |  | ItinReshopRS/Response/ ReShopOffers/ReShopOffer/ReshopDifferential/ ReshopDue/Taxes/Total/ Code (Attribute) | O | Currency code  **Example:** GBP |
| **Common Data** | | | | |
|  |  |  |  |  |
| Data Lists | | | | |
| RecognizedTravelerList |  |  | M | Returns all passengers in the booking for whom the services are applicable |
| RecognizedTraveler |  | ItinReshopRS /DataLists/ RecognizedTravelerList/RecognizedTraveler/ObjectKey (Attribute) | O | Unique passenger ID  **Example:** T1 |
| ObjectKey |  |  | M | Passenger details |
| PTC |  | ItinReshopRS /DataLists/ RecognizedTravelerList/RecognizedTraveler/PTC |  | Passenger Type code  Adult – ADT  Child – CHD  Infant – INF |
| Name |  |  | M |  |
| Surname |  | ItinReshopRS /DataLists/ RecognizedTravelerList/RecognizedTraveler/Name/ Surname | M | Passenger’s surname or family (last) name |
| Given |  | ItinReshopRS /DataLists/ RecognizedTravelerList/RecognizedTraveler/Name/ Given | O | Passenger’s given name or first name  **Example:** G |
| Title |  | ItinReshopRS /DataLists/ RecognizedTravelerList/RecognizedTraveler/Name/ Title | O | Passenger’s title  **Example:** Mr |
|  |  |  |  |  |
| CheckedBagAllowanceList |  |  | O | Checked baggage allowance details are returned here |
| CheckedBagAllowance |  |  | M | This will be repeated to return allowance for different pax type |
| ListKey (Attribute) |  | ItinReshopRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ ListKey (Attribute) | M | **Example:**  CKBAGBA0423  CKBAGBA0428INF |
| PieceAllowance |  |  | O |  |
| ApplicableParty |  | ItinReshopRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/ApplicableParty | M | Reference to passengers to whom this checked baggage allowance is applicable  Example, if you have 2 ADT 1 CHD and this checked baggage allowance is applicable for all these passengers then ApplicableParty will be SH1SH2SH3 without a space.  **Example:** T1T2T3 |
| TotalQuantity |  | ItinReshopRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/TotalQuantity | M | Total ticketed baggage allowance  **Example:** 1 |
| BagType |  | ItinReshopRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/BagType | O | Will always be “Bag” |
| PieceMeasurements |  |  | M |  |
| Quantity (Attribute) |  | ItinReshopRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/PieceMeasurements/Quantity (Attribute) | M | Total ticketed baggage allowance  **Example:** 1 |
| DisclosureList |  |  | O | Marketing information (BA brand attributes) about each BA cabin is returned here |
| Disclosures |  |  | M | This is a list and will be repeated for each BA cabin for which the offer is returned |
| ListKey (Attribute) |  | ItinReshopRS/DataLists/DisclosureList/Disclosures/ListKey (Attribute) | M | Cabin name for which the marketing information is returned  **Example:** EuroTraveller |
| Description |  |  | M | This is a list and will be repeated for each BA brand attribute |
| Text |  | ItinReshopRS/DataLists/DisclosureList/Disclosures/Description/Text | O | BA brand attribute  **Example:** Complimentary onboard food and bar service |
| FareList |  |  |  |  |
| FareGroup |  |  | M | This is a list and will be repeated to return all fare basis code for the itinerary |
| refs (Attribute) |  | ItinReshopRS/DataLists/FareList/FareGroup/refs (Attribute) | O | Reference to passengers and flight to which the fare basis code is applicable  **Example:** t3 BA0428 |
| ListKey (Attribute) |  | ItinReshopRS/DataLists/FareList/FareGroup/ListKey (Attribute) | M | **Example:** FBCODEINFBA0428 |
| Fare |  |  | M |  |
| FareCode |  |  | M |  |
| Code |  | ItinReshopRS/DataLists/FareList/FareGroup/Fare/ FareCode/Code | M | Will always be “70J” |
| FareBasisCode |  |  | M |  |
| Code |  | ItinReshopRS/DataLists/FareList/FareGroup/ FareBasisCode/Code | M | Fare basis code  **Example:** VZ0RIN |
| FlightSegmentList |  |  | O |  |
| FlightSegment |  |  | M | Flight segment details |
| SegmentKey (Attribute) |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/SegmentKey (Attribute) | M | **Example:** BA0428 |
| SecureFlight (Attribute) |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/SecureFlight (Attribute) | O | Specifies whether the itinerary includes secure flight. If this boolean is “true” for at least one of the flight segment then client should pass APIS details (DOB and Gender) for each passenger in the OrderCreateRQ |
| Departure |  |  | M | Departure information |
| AirportCode |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Departure/AirportCode | M | Departure airport IATA code  **Example:** LHR |
| Date |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Departure/Date | M | Local Departure date i.e. local to the departure location  **Example:** 2015-07-01 |
| Time |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Departure/Time | O | Local Departure time i.e. local to the departure location  **Example:** 06:50 |
| Arrival |  |  | M | Arrival information |
| AirportCode |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Arrival/AirportCode | M | Arrival airport IATA code  **Example:** AMS |
| Date |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Arrival/Date | O | Local Arrival date i.e. local to the arrival location  **Example:** 2015-07-01 |
| Time |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Arrival/Time | O | Local Arrival time i.e. local to the arrival location  **Example:** 09:10 |
| MarketingCarrier |  |  | M | Marketing carrier information |
| AirlineID |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/MarketingCarrier/AirlineID | M | Marketing carrier code  **Example:** BA |
| FlightNumber |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/MarketingCarrier/FlightNumber | M | Marketing flight number  **Example:** 0428 |
| OperatingCarrier |  |  | O | Operating carrier information |
| AirlineID |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/OperatingCarrier /AirlineID | O | Operating carrier code  **Example:** AA |
| Name |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/OperatingCarrier/ Name | O | Operating carrier name  **Example:**  AMERICAN AIRLINES |
| Equipment |  |  | M | Aircraft information |
| AircraftCode |  | ItinReshopRS/DataLists/FlightSegmentList/FlightSegment/Equipment/AircraftCode | M | **Example:** 767 |
| FlightDetail |  |  | O |  |
| Stops |  |  |  |  |
| StopQuantity |  |  |  | Number of stops  Example: 0 |
| OriginDestinationList |  |  | O |  |
| OriginDestination |  |  | M | Origin and destination details |
| OriginDestinationKey (Attribute) |  | ItinReshopRS /DataLists/OriginDestinationList/OriginDestination/OriginDestinationKey (Attribute) | M | **Example:** OD1 |
| DepartureCode |  | ItinReshopRS /DataLists/OriginDestinationList/OriginDestination/DepartureCode | M | Departure city code of the origin  **Example:** LON |
| ArrivalCode |  | ItinReshopRS /DataLists/OriginDestinationList/OriginDestination/ArrivalCode | M | Arrival city code of the destination  **Example:** AMS |
| MediaList |  |  | O | This is where the legal and condition of carriage link for BA is returned |
| Media |  |  | M |  |
| ListKey (Attribute) |  | ItinReshopRS/DataLists/ MediaList/Media/ListKey (Attribute) | M | **Example:** Legal-Informatio |
| MediaLink |  | ItinReshopRS/DataLists/ MediaList/Media/MediaLink | O | Media link for the condition of carriage |
| PriceClassList |  |  | O | Price class details |
| PriceClass |  |  | M | This is a list and will be repeated for each price class that was referenced in Airline Offer and ReShopPricedOffer |
| ObjectKey (Attribute) |  | ItinReshopRS/DataLists/PriceClassList/PriceClass/ObjectKey (Attribute) | O | **Example:** Handbaggageonly |
| Name |  | ItinReshopRS/DataLists/PriceClassList/PriceClass/Name | M | Fare product name  Possible values are  Handbaggageonly  Basic  Plus  PlusFlex  Standard  Standard Flex |
| Code |  | ItinReshopRS/DataLists/PriceClassList/PriceClass/Code | O | Will always be **“**HBO”  **Note:** This will be returned only if the fare product name is “Basic” and “Handbaggageonly” |
| Descriptions |  |  | O | Marketing information about the fare product is returned here |
| Description |  |  | M | This is a list and will be repeated for each marketing information |
| Text |  | ItinReshopRS/DataLists/PriceClassList/PriceClass/Descriptions/Description/Text | O | Marketing information about the fare product  **Example:** No checked baggage allowance |
| Metadata |  |  | O |  |
| Other |  |  | O |  |
| OtherMetadata |  |  | M |  |
| AddressMetadatas |  |  | M | This section will be returned only if ItinReshop service was called for “Reprice” |
| AddressMetadata |  |  | M | Billing address information is returned here |
| MetadataKey (Attribute) |  | ItinReshopRS/Metadata/Other/OtherMetadata/AddressMetadatas/AddressMetadata/MetadataKey (Attribute) | M | Unique key  **Example:** Address |
| AddressType |  | ItinReshopRS/Metadata/Other/OtherMetadata/AddressMetadatas/AddressMetadata/AddressType | O | Will always be “Billing” |
| AddressFields |  |  | O | Returns mandatory address fields details that should be provided when payment card is used as form of payment in AirDocIssueRQ to pay for held booking |
| FieldName |  | ItinReshopRS/Metadata/Other/OtherMetadata/AddressMetadatas/AddressMetadata/AddressFields/ FieldName | M | **Example:**  <AddressFields>  <FieldName Mandatory="true">AddressLine1</FieldName>  <FieldName Mandatory="true">AddressLine2</FieldName>  <FieldName Mandatory="true">PostalCode</FieldName>  <FieldName Mandatory="true">CountryCode</FieldName>  </AddressFields> |
| Mandatory (Attribute) |  | ItinReshopRS/Metadata/Other/OtherMetadata/AddressMetadatas/AddressMetadata/AddressFields/ FieldName/Mandatory (Attribute) | M | Boolean and will always be returned as “True”.  This is because the service will only return mandatory address fields that should be provided when payment card is used as form of payment in AirDocIssueRQ to pay for held booking |
| CurrencyMetadatas |  |  | M |  |
| CurrencyMetadata |  |  | M | Number of decimals applicable for the currency code used in the response |
| MetadataKey (Attribute) |  | ItinReshopRS/Response/ Metadata/Other/OtherMetadata/CurrencyMetadatas/CurrencyMetadata/MetadataKey (Attribute) | M | Unique key  **Example:** GBP |
| Decimals |  | ItinReshopRS/Response/ Metadata/Other/OtherMetadata/CurrencyMetadatas/CurrencyMetadata/Decimals | O | Number of decimals applicable for the currency code  **Example:** 2 |
| PaymentCardMetadatas |  |  | M | This section will be returned only if ItinReshop service was called for “Reprice” |
| PaymentCardMetadata |  |  | M | Returns the list of applicable payment cards along with the mandatory card information and mandatory billing address information that should be passed when a payment card is selected for payment in AirDocIssueRQ to pay for held booking  **Note:** If PaymentOptions not returned, it means card payment is not applicable for the agent’s location (point of sale) and the customer’s billing country |
| MetadataKey (Attribute) |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ MetadataKey (Attribute) | M | Unique key  **Example:** Payment1 |
| CardCode |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardCode | M | **Example:** VI |
| CardName |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardName | O | **Example:** Visa Credit |
| CardType |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardType | O | **Example:** Credit |
| CardFields |  |  | O | Returns the list of mandatory payment card details that should be specified when a card is selected for payment in AirDocIssueRQ to pay for held booking |
| FieldName |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardFields/FieldName | M | This is a list and is repeated to return all the mandatory card details  **Example:**  <FieldName Mandatory="TRUE">CardType</FieldName>  <FieldName Mandatory="TRUE">CardCode</FieldName>  <FieldName Mandatory="TRUE">CardName</FieldName>  <FieldName Mandatory="TRUE">CardNumber</FieldName>  <FieldName Mandatory="TRUE">CardHolderName</FieldName>  <FieldName Mandatory="TRUE">Expiration</FieldName>  <FieldName Mandatory="TRUE">SeriesCode</FieldName> |
| Mandatory (Attribute) |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardFields/FieldName/ Mandatory (Attribute) | M | Boolean and will always be returned as “True”.  This is because the service will only return mandatory card details that should be provided when payment card is used as form of payment in AirDocIssueRQ to pay for held booking |
| Surcharge |  |  | O | Surcharge fee applicable for the payment card |
| Amount |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ Surcharge/Amount | M | Total surcharge amount for all passengers  **Example:** 20.00 |
| Code (Attribute) |  | ItinReshopRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ Surcharge/Amount/Code (Attribute) | O | Currency Code  **Example:** GBP |
| Errors |  |  | M | Error details |
| Error |  | ItinReshopRS/Errors/Error | M | BA error code and message  **Example:**  Unable to retrieve PNR - Please check your booking reference (PNR) |
| Code (Attribute) |  | ItinReshopRS/Errors/Error/Code (Attribute) | O | PADIS Error Code  **Example:** 129 |
| ShortText (Attribute) |  | ItinReshopRS/Errors/Error/ShortText (Attribute) | O | PADIS Error Message  **Example:** No PNR Match Found |

## URLs to access this web service

### Live URL

<https://api.ba.com/selling-distribution/ItinReshop/V2>

***Note:*** *If you are operating on the earlier version of our APIs, the endpoint is*

*<https://api.ba.com/selling-distribution/ItinReshop/V1>*

*Please note that this version does not support all the latest functionality and it uses IATA Schema 15.2*

### Test URL

<https://test.api.ba.com/selling-distribution/ItinReshop/V2>

***Note:*** *If you are operating on the earlier version of our APIs, the endpoint is*

*<https://test.api.ba.com/selling-distribution/ItinReshop/V1>*

*Please note that this version does not support all the latest functionality and it uses IATA Schema 15.2*

### Mandatory headers

In order to access our API, you will need to pass the following two headers for each call

**Client-key**: Your 24-bit API connection key

## Sample SOAP NDC Request to access this web service











## Sample SOAP NDC Response











## Sample SOAP NDC Response with errors



## Sample SOAP Response with errors



# Frequently Asked Questions

## FAQs

**Q: Can I change the 24-bit connection key provided by British Airways developer website?**

**A:** No, these keys are issued using a secured algorithm and cannot be modified. However if you feel that your key has been compromised, we can block the existing one and issue a new one for you.

**Q: Do I need to advise British Airways of any IP changes?**

A: No, the API endpoints are not dependent on your IP and therefore you do not need to let us know of any change on your end.

**Q: Can I modify the username used for the Developer website?**

A: Yes, you would need to register with a new name, and let your usual BA contact know so that your accesses can be transferred from your previous account to the new one.

# Usability Guide

## Usage advice

**General**

1. All BA NDC services (OrderChange, ItinReshop ServiceList and AirDocIssue) will return prices in exact decimal value based on the currency.
2. All BA NDC services (OrderRetrieve, ItinReshop, ServiceList, OrderCancel, AirDocIssue and OrderChange) check if the agent calling the service has authority to service BA bookings. If the agent does not have such authority then the service will not proceed and will return an error.
3. All BA NDC services (OrderRetrieve, ItinReshop, OrderCancel, ServiceList, AirDocIssue and OrderChange) will return responses in the agent’s preferred language. If the agent’s preferred language is not supported by BA or the agent’s preferred language is not passed in the request then the default language will be used, which is English. Please see section 7 for the languages that are supported by BA.

**ItinReshop Service**

1. Only bookings that are created originally through NDC Direct Connect channel are allowed to get a refund quote through ItinReshopservice.
2. Authentication

* The service checks if the agent requesting OrderCancel is the one who has created the booking and is accessing the API via the same channel as booking creation. It returns an error if the agent details do not match.
* The service checks if the requesting corporate’s detail matches with the booking and returns error if the corporate details do not match.
* The service checks if the requesting Travel Management Company (TMC) is allowed to service the corporate and returns error if it is not allowed.

1. **Refund quote**
   1. The service returns the total amount that the customer will be getting if the booking were to be cancelled.
   2. The service works out the refund amount by applying the cooling off rule. That is,

* If the service is invoked within the cooling off period (within 24 hrs of booking creation) then the customer is entitled for a full refund. I.e commercial fare rules will not apply.
* If the service is invoked outside the cooling off period (more than 24 hrs of booking creation) then the commercial fare rules will be applied.
  1. If the service is invoked within the cooling off period then the service will return the offer expiration time limit. This is to advise the client that the customer is entitled for a full refund only until the specified time limit.
  2. The service returns the total order price, total amount that the airline will retain and the total amount due to the passenger, if the booking were to be cancelled.
  3. The service returns an error along with a refund form link if the booking is not eligible to be processed through the service. **Example:** Reissued booking is not eligible for refund. An error along with refund form link will be returned in this case.

1. **Requote Held Booking**
   1. The service requotes the itinerary present in the held booking and return fare, tax with tax breakdown for each passenger type along with fare rules.
   2. The service also requotes seats present in the held booking and returns seat price.
   3. The service returns a list of applicable payment cards that can be used as form of payment if a customer decides to go head and confirm the booking via AirDocIssue service and pay by card.
   4. The service returns Payment Time Limit (also known as Ticket Time Limit) if applicable. This is the deadline by which a commitment to pay must be made for the confirmed items in an order as agreed with the airline. This is also called as Ticket Time Limit, as tickets will only be issued once payment is made.
   5. The total price returned by the ItinReshop service is the amount to be charged for the flights and seats.
2. **Change Booking**

Reshop RQ:-

* 1. Presence of Action type create and cancel within a single Reshop request indicates that it is a change booking scenario.
  2. Service ignores the Marketing Flight number and Class of service code in the request as the service returns eligible fares for the requested date and +/- 3 days with cabin upgrade options.

Reprice RQ:-

* 1. Presence of Reprice tag along with fare basis code in the request indicates it is a change booking scenario.
  2. Flight segment to be changed and the new flight segment for the corresponding old flight segment should be sent within a single O&D
  3. Reprice RQ also expects the fare basis code for all the pax types per flight segment in the request for reprice.

Response:-

* 1. The service returns all offers for the requested date along with +/- 3 days and cabin upgrade options.
  2. The service also returns Offerprice per pax type with fare, taxes and the total amount.
  3. The service returns a list of applicable payment cards that can be used as form of payment if a customer decides to go head and confirm the booking via OrderChange service and pay by card.
  4. The amount returned in Reshopdue is the total that the customer needs to pay to change the booking, negative amount indicates that customer will be refunded, positive indicates that customer has to pay to get their booking changed.

# Appendix 1 –Web Services error responses

## ItinReshop error/ineligibility checks

|  |  |
| --- | --- |
| PADIS Error Code | PADIS Error Text |
| 304 | System Temporarily unavailable |

# Appendix 2 – Languages supported by BA

BA supports the below 11 languages

|  |  |
| --- | --- |
| Language Code | Language |
| EN | English |
| ES | Spanish |
| JA | Japanese |
| FR | French |
| IT | Italian |
| ZH | Chinese |
| DE | German |
| PT | Portuguese |
| RU | Russian |
| PL | Polish |
| SV | Swedish |