

FlightPrice V2

Interface Specification

Last updated: 12 Mar 2018

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| --- |
| **Revision History** |
| **Name** | **Version** | **Reason for Change** | **Status** | **Date** |
| BA | 0.1 | FlightPrice – Interface Specification | Draft | 30-Aug-16 |
| BA | 0.2 | Updated FlightPriceRS with journey duration elements | Updated | 12-Dec-16 |
| BA | 0.3 | Updated Price Class changes | Updated | 04-Jan-17 |
| BA | 0.4 | Updated Leisure Fare changes | Updated | 06-Feb-17 |
| BA | 0.5 | Updated Multicity Itinerary changes | Updated | 05-Apr-17 |
| BA | 0.6 | Updated changes related to fare products | Updated | 02-Oct-17 |
| BA | 0.7 | Updated cabin upsell option changes | Updated | 17-Nov-17 |
| BA | 0.8 | Updated fare product names | Updated | 12-Mar-18 |

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#  Introduction

The FlightPrice Webservice provides IATA Accredited Travel Agents, new retailers and Service Providers the ability to quote (price) for flights for the selected itinerary as per IATA NDC schema standards.

FlightPrice – this service returns price quote for the selected flights, fare rules for each fare component and product attributes. It also returns Ticket Upsell (increase ticket flexibility) and Cabin Upsell (upgrade to the next available cabin) options, if applicable

## Support Details

### Commercial Support

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

 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 detailsPopulate 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 bookingsFor 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**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 detailsPopulate 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 ServicesDo 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 bookingsFor 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**This is the requesting corporate’s email address |
| ID |  | Party/Sender/CorporateSender/ID | M | Corporate’s JBID**Example:** IN3642FRUnique ID provided by BA |
| IATA\_Number |  | Party/Sender/CorporateSender/IATA\_Number | O | Corporate’s IATA or non-IATA number **Example:** 12345678Do 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 numberExample: 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 bookingsFor 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**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 numberExample: 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:** 00123456All 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 AirShopping, FlightPrice, SeatAvailability and OrderCreate

 

# FlightPrice Webservice

This service returns price quote for the requested itinerary with fare and tax split for the passenger type requested along with tax breakdown. The service also returns product attributes per flight segment where applicable as well as Cabin Upsell (upgrade to next available cabin) price and Ticket Upsell (upgrade ticket type from restricted to semi flexible and fully flexible) prices, if applicableThis service returns price quote for the requested itinerary with fare and tax split for the passenger type requested along with tax breakdown. The service also returns product attributes per flight segment where applicable as well as Cabin Upsell (upgrade to next available cabin) price and Ticket Upsell (upgrade ticket type from restricted to semi flexible and fully flexible) prices, if applicableThis service returns price quote for the requested itinerary with fare and tax split for the passenger type requested along with tax breakdown. The service also returns product attributes per flight segment where applicable as well as Cabin Upsell (upgrade to next available cabin) price and Ticket Upsell (upgrade ticket type from restricted to semi flexible and fully flexible) prices, if applicableThis service returns price quote for the requested itinerary with fare and tax split for the passenger type requested along with tax breakdown. The service also returns product attributes per flight segment where applicable as well as Cabin Upsell (upgrade to next available cabin) price and Ticket Upsell (upgrade ticket type from restricted to semi flexible and fully flexible) prices, if applicable

This service returns price quote for the requested itinerary with fare and tax split for the passenger type requested along with tax breakdown. The service also returns product attributes per flight segment where applicable as well as Cabin Upsell (upgrade to next available cabin) price and Ticket Upsell (upgrade ticket type from restricted to semi flexible and fully flexible) prices, if applicable

## Interface Design

This web service is called with the following inputs:

* List of flight segments and for each flight segment the departure airport, arrival airport, flight number, booking class (selling class) and cabin name etc
* Number of anonymous passengers with passenger type
* Number of known passengers with passenger type, name and FQTV details
* Optional customer’s billing country
* Leisure Fare Type

The output data this service returns includes:

List of PricedFlightOffers where each PricedFlightOffer contains

The total amount for the requested itinerary per passenger type

Fare and Tax split per passenger type with tax breakdown

Fare rules for each fare component

Product attributes per flight segment where applicable

Baggage allowance (hand baggage allowance and ticketed checked baggage allowance)

Price class details

Fare basis code for each passenger type and for each flight segment

Payment Time Limit (Ticket Time Limit), if applicable

List of AirlineOffers where each AirlineOffer contains

Fare rules for each fare component where applicable

Cabin Upsell option (upgrade to next cabin) price per passenger type, if applicable

Fare and Tax split per passenger type with tax breakdown

Product attributes per flight segment where applicable

Baggage allowance (hand baggage allowance and ticketed checked baggage allowance)

Fare basis code for each passenger type and for each flight segment

 Payment options

List of applicable payment cards with surcharge, if applicable

Mandatory and optional payment card details that should be specified when making a payment

Mandatory and optional billing address details that should be specified when making a payment

Seat lead in price for all flights in the itinerary, if applicable

**Limitations:**

* Itinerary with only young adult passengers will not be priced
* Airline Offers i.e. Cabin Upsell option is not returned for requests with more than 2 Origin Destinations

## Schemas

The service adheres to the IATA NDC FlightPrice 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.ba.com****/schema/)** | **Optional/Mandatory** | **Comments** |
| Request object | FlightPriceRQ | FlightPriceRQ.xsd | M |  |
| **FlightPriceRQ Data Fields** |
| **Field Type** | **Data Type** | **Schema Definition****(http://www.ba.com/schema/)** | **Optional/Mandatory** | **Comments** |
| **Agency and Service Provider data See section 2.1** |  |  |  |  |
| Version (Attribute) |  | FlightPriceRQ/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 this attribute |
| PrimaryLangID (Attribute) |  | FlightPriceRQ/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) |  | FlightPriceRQ/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:** AltLangID will not be used even if it was passed in the FlightPrice request, as there is no email sent at the shopping stage. 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 |
| Travelers |  |  | M | BA accepts both anonymous and known traveler in the FlightPrice request. Known traveller’s details (FQTV) may be used in determining lead in seat price |
| Traveler |  |  | M | This must be repeated for each passenger. If the client wants to shop for 2 ADT, 2 CHD and 2 INF then Traveler should be repeated 6 times for each passenger and the Traveler can be Anonymous and Known |
| AnonymousTraveler |  |  | O |  |
| PTC |  | FlightPriceRQ/Travelers/Traveler/AnonymousTraveler/PTC | O | Passenger Type CodeBA accepts the following passenger type codesADTCHDINFIf any other passenger type code is passed then ADT price will be returned**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| ResidenceCode |  | FlightPriceRQ/Travelers/Traveler/AnonymousTraveler/ResidenceCode | O | This is where the customer’s billing country where the payment card is registered or the country of residence of the customer should be specifiedSpecify this element if known as it would help decide the applicable payment cards. Applicable payment cards are decided based on agent’s country and customers billing country. If customer’s billing country is not specified then applicable payment cards will be returned based on agents country only**Example:** GBPlease note only country code is accepted**Note:** Specify the ResidenceCode only for the passenger who is also a payer. If the payer is not a passenger then ResidenceCode of the payer can be specified for any passenger.If there are more than ResidenceCode found then the service will take the first Adult’s ResidenceCode |
| Age |  |  | O | Though this is an optional element, it is recommended to provide passenger’s age, as it will be used to identify if the passenger is a young adult.**Note:** UK Air Passenger Duty (APD) is not applicable to “young adults” aged 12 to 15 years inclusive for travel after 1 March 2016 |
| Value |  | FlightPriceRQ/Travelers/Traveler/AnonymousTraveler/Age/Value | M [Choice] | **Example:** 15 |
| BirthDate |  | FlightPriceRQ/Travelers/Traveler/AnonymousTraveler/Age/BirthDate | M [Choice] | Date of birth in “YYYY-MM-DD” formatExample: 2002-01-01 |
| RecognizedTraveler |  |  | O |  |
| PTC |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/PTC | O | Passenger Type CodeBA accepts the following passenger type codesADTCHDINFIf any other passenger type code is passed then ADT price will be returned**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| ResidenceCode |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/ResidenceCode | O | This is where the customer’s billing country where the payment card is registered or the country of residence of the customer should be specifiedSpecify this element if known as it would help decide the applicable payment cards. Applicable payment cards are decided based on agent’s country and customers billing country. If customer’s billing country is not specified then applicable payment cards will be returned based on agents country only**Example:** GBPlease note only country code is accepted**Note:** Specify the ResidenceCode only for the passenger who is also a payer. If the payer is not a passenger then ResidenceCode can be specified for any passenger.If there are more than ResidenceCode found then the service will take the first Adult’s ResidenceCode |
| Age |  |  | O | Though this is an optional element, it is recommended to provide passenger’s age, as it will be used to identify if the passenger is a young adult.**Note:** UK Air Passenger Duty (APD) is not applicable to “young adults” aged 12 to 15 years inclusive for travel after 1 March 2016 |
| Value |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/Age/Value | M [Choice] | **Example:** 15 |
| BirthDate |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/Age/BirthDate | M [Choice] | Date of birth in “YYYY-MM-DD” formatExample: 2002-01-01 |
| Name |  |  | M |  |
| Surname |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/ Name/Surname | M | **Example:** SMITH |
| Given |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/Name/Given | O | **Example:** WILL |
| Title |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/Name/Title | O | **Example:** MR |
| Middle |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/Name/Middle | O | **Example:** G |
| FQTVs |  |  | O | Specify passenger’s frequent flyer information The FQTV details will be used to determine the seat price. Service will validate the FQTV’s provided and will consider FQTV details to determine seat price only if it is valid |
| AirlineID |  | FlightPriceRQ/Travelers/Traveler/RecognizedTraveler/FQTVs/AirlineID | M | Frequent flyer airline code**Example:** BA |
| Account |  |  | O |  |
| Number |  | FlightPriceRQ/Travelers/Traveler/KnownTraveler /FQTVs/Account/Number | M | Frequent flyer number**Example:** 12345678 |
| Query |  |  | M |  |
| OriginDestination |  |  | M | Origin and destination (O&D) details. This must be repeated for each O&D. If the request is for EDI-AMS return then this must be repeated twice once for EDI-AMS and once for AMS-EDI |
| Flight |  |  | M | List of flights within an O&D. If the request is for EDI-AMS return with each O&D containing 2 flights (EDILHR and LHRAMS; AMSLHR and LHREDI) then for each O&D Flight should be repeated twice once for EDILHR and once for LHRAMS |
| Departure |  |  | M | Departure details |
| AirportCode |  | FlightPriceRQ/Query/OriginDestination/Flight/Departure/AirportCode | M | Departure airport IATA code**Example:** LHR |
| Date  |  | FlightPriceRQ/Query/OriginDestination/Flight/Departure/Date | M | Local Departure date i.e. local to the departure location**Example:** 2015-07-01 |
| Time |  | FlightPriceRQ/Query/OriginDestination/Flight/Departure/Time | O | **Example:** 19:55**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| Arrival |  |  | M | Arrival details |
| AirportCode |  | FlightPriceRQ/Query/OriginDestination/Flight/Arrival/AirportCode | M | Arrival airport IATA code**Example:** AMS |
| Date |  | FlightPriceRQ/Query/OriginDestination/Flight/Arrival/Date | O | Local Arrival date i.e. local to the arrival location**Example:** 2015-07-01**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| Time |  | FlightPriceRQ/Query/OriginDestination/Flight/Arrival/Time | O | **Example:** 19:55**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| MarketingCarrier |  |  | M | Marketing carrier information |
| AirlineID |  | FlightPriceRQ/Query/ OriginDestination/ Flight/MarketingCarrier/ AirlineID | M | Marketing carrier code**Example:** BA |
| FlightNumber |  | FlightPriceRQ/Query/ OriginDestination/ Flight/MarketingCarrier/ FlightNumber | M | Marketing flight number**Example:** 0428 |
| Equipment |  |  | O | Aircraft information**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| AircraftCode |  | FlightPriceRQ/Query/ OriginDestination/Flight/Equipment/AircraftCode | M | **Example:** 767 |
| CabinType |  |  | O | This must be passed only when the PriceClass returned for this flight from AirShoppingRS was “Handbaggageonly” or “Basic”**Note:** Cabin Type need not be provided in the request to quote “Basic” product if fare basis code for each flight segment is provided. However, the service still works if CabinType is passedin the request |
| Code |  | FlightPriceRQ/Query/OriginDestination/Flight/CabinType/Code | M | Always pass “HBO”Take this value from AirShoppingRS/DataLists/PriceClassList/PriceClass/Code |
| ClassOfService |  |  | O | Booking/Selling class details**Note:** This is an optional element in NDC schema but for calling BA service this must be passed |
| refs |  | FlightPriceRQ/Query/OriginDestination/Flight/ClassOfService/refs (Attribute) | O | Reference to a fare basis code for all passenger types for this flight segment**Examples:** FBCODE1ADTFBCODE1CHDFBCODE1INF**Notes:** 1. The service expects client to provide fare basis code in FlightPriceRQ in order to quote correct fare product
2. It is recommended that the same reference returned in AirShoppingRS is provided in FlightPriceRQ
3. More than one fare basis code should be separated by a space
 |
| Code |  | FlightPriceRQ/Query/OriginDestination/Flight/ClassOfService/Code | M | Booking/Selling class**Example:** O |
| MarketingName |  | FlightPriceRQ/Query/ Flight/ClassOfService/MarketingName | O | The cabin this selling class belongs to**Example:** Euro Traveller |
| Preference |  |  | O | Populate this section only when Leisure Fare is requested |
| FarePreferences |  |  | O |  |
| Types |  |  | O |  |
| Type |  |  | M |  |
| Code |  | FlightPriceRQ/Preference/FarePreferences/Types/ Type/Code | M | IATA PADIS Codeset 9910 - Fare qualifierThe code should always be758Where758 means Leisure fare |
| Definition |  | FlightPriceRQ/Preference/FarePreferences/Types/ Type/Definition | O | Leisure fare should be specified herePossible Leisure Fare types are1) Inclusive Tour2) Contract Bulk3) Private Fare Adult4) Marine5) Humanitarian |
| DataLists |  |  |  |  |
| FareList |  |  | O | Fare basis code for each passenger type for each flight segment should be provided in this section |
| FareGroup |  |  | M | This is a list and will be repeated to return unique fare basis code for the requested itinerary  |
| ListKey (Attribute) |  | FlightPriceRQ/DataLists/FareList/FareGroup/ListKey (Attribute) | M | **Example:** FBCODE1ADT |
| Fare |  |  | M |  |
| FareCode |  |  | M |  |
| Code |  | FlightPriceRQ/DataLists/FareList/FareGroup/Fare/ FareCode/Code | M | Will always be “70J” |
| FareBasisCode |  |  | M |  |
| Code |  | FlightPriceRQ/DataLists/FareList/FareGroup/ FareBasisCode/Code | M | Fare basis code**Example:** VZ0RIN |

### Response

|  |
| --- |
| **Service Response Parameters** |
| **Input Parameters** | **Type** | **Schema Definition****(**[**http://www.ba.com**](http://www.ba.com)**/schema/)** | **Optional/Mandatory** | **Comments** |
| Response object | FlightPriceRS | FlightPriceRS.xsd | M |  |
| **FlightPriceRS Data Fields** |
| **Field Type** | **Data Type** | **Schema Definition****(**[**http://www.ba.com/schema/**](http://www.ba.com/schema/)**)** | **Optional/Mandatory** | **Comments** |
| Document |  |  | M |  |
| Name |  | FlightPriceRS/Document/Name | M | Will be returned as “BA” |
| Success |  | FlightPriceRS/Success | M | The presence of the empty Success element explicitly indicates that the message succeeded |
| Warnings |  |  | O | Warning will be returned when none of the FQTV details provided are valid |
| Warning |  | FlightPriceRS/Warnings/Warning | O | Warning message**Example:** INVALID\_FQTV\_NUMBER |
| ShoppingResponseID |  |  | O |  |
| ResponseID |  | FlightPriceRS/ShoppingResponseID/ResponseID | M | Unique shopping response id. This is normally the date and time stamp**Example:** 2015-05-29T14:20:25.043Z |
| PricedFlightOffers |  |  | O |  |
| PricedFlightOffer |  |  | M | Returns fare and tax details along with fare rules for the requested itinerary |
| Parameters |  |  | O |  |
| PTC\_Priced |  |  | O | This is a list and will be repeated for each passenger type |
| Requested |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ Parameters/PTC\_Priced/Requested | O | Requested passenger type for pricing**Example:** ADT |
| Quantity (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ Parameters/PTC\_Priced/Requested/Quantity (Attribute) | O | Number of passengers of this type**Example:** 1 |
| Priced |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ Parameters/PTC\_Priced/ Priced | O | Actual priced passenger type**Example:** ADT |
| Quantity (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ Parameters/PTC\_Priced/ Priced/Quantity (Attribute) | O | Number of passengers of this type**Example:** 1 |
| OfferID |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferID | M | An unique offer id**Example:** OFFER1 |
| Owner (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferItemID/Owner (Attribute) | M | Will always be “BA” |
| ObjectKey (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferItemID (Attribute) | O | An unique offer id**Example:** OFFER1 |
| OfferPrice |  |  | M | Returns total price for a single passenger per passenger type with fare and tax split along with tax breakdown This will be repeated per pax type. Example, if you have 2 ADT, 2 CHD and 2 INF then this will be repeated thrice once for ADT, once for CHD and once for INF**Note:** Price for Young adult passengers will be returned as separate OfferPrice |
| OfferItemID (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/OfferItemID (Attribute) | O | An unique offer item id**Example:** 1 |
| RequestedDate |  |  | M |  |
| PriceDetail |  |  | M |  |
| TotalAmount |  |  | O | Total amount (Base fare + Tax) per pax type for the itinerary |
| SimpleCurrencyPrice |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice | M | **Example:** 91.99 |
| Code (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice/Code (Attribute) | O | Currency Code **Example:** GBP |
| BaseAmount |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/BaseAmount | M | Total base fare for the itinerary per pax type**Example:** 26.00 |
| Code (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/BaseAmount/Code (Attribute) | O | Currency Code **Example:** GBP |
| Taxes |  |  | O | Tax information |
| Total |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/Taxes/Total | O | Total tax for the itinerary per pax type**Example:** 65.99 |
| Code (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/Taxes/Total/Code (Attribute) | O | Currency Code **Example:** GBP |
| Breakdown |  |  | O | Tax breakdown information |
| Tax |  |  | M |  |
| Amount |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/Amount | M | Individual tax amount**Example:** 42.06 |
| Code (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/Amount/Code (Attribute) | O | Currency Code **Example:** GBP |
| TaxCode |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/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 |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/ CollectionPoint/CurrCode | O | Airport’s local currency code**Example:** USD |
| AirportAmount |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/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 |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/ CollectionPoint/AirportCode | M | Segment departure or arrival airport code**Example:** JFK |
| Associations |  |  | O | Both passengers and flights that are associated with this offer are returned This will be repeated to associate passenger and flights. If the offer is returned for 1 ADT and for 2 O&D’s (LHRAMS and AMSLHR) then there will be 3 Associations, 1 with AssociatedTraveler to associate a passenger and 2 with ApplicableFlight to associate flights for each O&D where each ApplicableFlight will have 1 FlightSegmentReference i.e one for LHRAMS and one for AMSLHR |
| AssociatedTraveler |  |  | O |  |
| TravelerReferences |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ 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 SH1 and SH2. Multiple references will be separated by a space.**Example:** SH1 SH2 |
| ApplicableFlight |  |  | O |  |
| FlightSegmentReference |  |  | O | List of flight segments that are applicable for this offerExample, if your O&D is EBI-ABQ and has 3 flight segments BA1434, BA117,BA5621 then FlightSegmentReference will be repeated thrice |
| ref (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ref (Attribute) | M | Unique reference to a flight segment**Example:** BA1434The flight details for this reference is returned in FlightSegmentList data list |
| ClassOfService |  |  | M |  |
| refs (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ClassOfService/refs (Attribute) | O | Reference to a fare basis code for all passenger types for this flight segment**Examples:** FBCODE1ADTFBCODE1CHDFBCODE1INFWhereFBCODE1ADT = Adult fare basis code for this offerFBCODE1CHD= Child fare basis code for this offerFBCODE1INF =Infant fare basis code for this offerThe fare basis code for the reference is returned in FareGroup data list**Note:** More than one fare basis code reference is separated by a space |
| Code |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ClassOfService/Code | M | Booking/Selling class**Example:** O |
| MarketingName |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ClassOfService/MarketingName | O | The cabin this selling class belongs to**Example:** Euro Traveller |
| BagDetailAssociation |  |  | O |  |
| BagDisclosureReferences |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/BagDetailAssociation/BagDisclosureReferences | O | Baggage disclosures reference e.g.: CKBAG (for Checked Baggage) HANDBAG (for Hand baggage). Each reference will be delimited by a space**Example:** HANDBAG CKBAGBoth hand baggage and checked baggage details for the references are returned in BagDisclosure data list  |
| CheckedBagReferences |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/BagDetailAssociation/CheckedBagReferences | O | Checked Baggage details reference**Example:** CKBAGBA0423CKBAGBA0428INFThe checked baggage allowance for the reference is returned in CheckedBagAllowanceList data list |
| CarryOnReferences |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/BagDetailAssociation/CarryOnReferences | O | Carryon Baggage (Hand baggage) details reference**Example:** HANDBAGALLOWANCEThe hand baggage allowance for the reference is returned in CarryOnAllowanceList data list |
| OriginDestinationReferences |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/OriginDestinationReferences | O | Reference to an origin and destination applicable for this offer**Example:** OD1 |
| FlightReferences |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightReferences | O | Reference to a flight that is applicable for this offer**Example:** Flight1 |
| PriceClass |  |  | O | Fare product name for the offer is returned here. Fare product name is returned only for offers returned in Economy cabin |
| PriceClassReference |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/RequestedDate/Associations/PriceClass/PriceClassReference | M | Reference to a fare product namePossible values areHandbaggageonlyBasicPlusPlusFlexStandardStandard Flex**Note:** The attributes for each fare product are returned in DataLists/PriceClassList |
| FareDetail |  |  | O | Fare rules information |
| FareComponent |  |  | M | Fare component pricing information. This is a list and is repeated for each fare component |
| refs (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/refs (Attribute) | O | Flight segments that are applicable for this fare componentUnique 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 |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Type | M | Possible values areChangeUpgradeCancellation |
| Amounts |  |  | O | Penalty fee can either be percentage or currency amount. |
| Amount |  |  | M |  |
| CurrencyAmountValue |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/CurrencyAmountValue | M | Change/Upgrade/Cancellation penalty currency amount**Example:** 60 |
| Code (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/CurrencyAmountValue/Code (Attribute) | O | Currency Code **Example:** GBP |
| PercentageValue |  | FlightPriceRS/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 |  | FlightPriceRS/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 |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ OfferPrice/FareDetail/Remarks/Remark | M | Rule text for each category is returned here |
| TimeLimits |  |  | M |  |
| OfferExpiration |  |  | O | Offer time limit |
| ShortDate (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ TimeLimits/OfferExpiration/ShortDate (Attribute) | O | Current date**Example:** 2015-06-02 |
| Payment |  |  | 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 airlineThis is also called as Ticket Time Limit, as tickets will only be issued once payment is made |
| DateTime (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ TimeLimits/Payment/DateTime (Attribute) | O | Payment Time Limit or Ticket Time Limit**Example:** 2016-09-05T22:59:00.000Z |
| Associations |  |  | M |  |
| AssociatedTraveler |  |  | O |  |
| AllTravelerInd |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ Associations/AssociatedTraveler/AllTravelerInd | M | Will always be “true” to indicate that fare quote is given for all passengers |
| Disclosure |  |  | O | References to product attributes and secure flight are returned here |
| Description |  |  | M | This is a list and will be repeated for each product attribute reference |
| refs (Attribute) |  | FlightPriceRS/PricedFlightOffers/PricedFlightOffer/ Disclosure/Description/ refs (Attribute) | O | **Example:** LHRAMSProductAttributesThe product attribute for the above references are returned in Disclosure data list |
| AirlineOffers |  |  | O | This is where cabin upsell option is returned. Cabin upsell option is returned for all passengers in an itinerary with total base fare, total tax, tax breakdown along with fare rulesIf the client were to choose cabin upsell option then they have all the information returned in AirlineOffers to proceed with OrderCreateRQ and create a booking |
| AirlineOffer |  |  | M | This is a list and will be repeated to return cabin upsell offer |
| Parameters |  |  | O |  |
| PTC\_Priced |  |  | O | This is a list and will be repeated for each passenger type |
| Requested |  | FlightPriceRS/AirlineOffers/AirlineOffer/Parameters/PTC\_Priced/Requested | O | Requested passenger type for pricing**Example:** ADT |
| Quantity (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/Parameters/PTC\_Priced/Requested/Quantity (Attribute) | O | Number of passengers of this type**Example:** 1 |
| Priced |  | FlightPriceRS/AirlineOffers/AirlineOffer/Parameters/PTC\_Priced/Priced | O | Actual priced passenger type**Example:** ADT |
| Quantity (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/Parameters/PTC\_Priced/Priced/Quantity (Attribute) | O | Number of passengers of this type**Example:** 1 |
| OfferID |  | FlightPriceRS/AirlineOffers/AirlineOffer/OfferID | M | An unique offer id**Example:** OFFER2 |
| Owner (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/OfferID/ Owner (Attribute) | M | Will always be “BA” |
| ObjectKey (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/OfferID/ ObjectKey (Attribute) | O | An unique offer id**Example:** OFFER2 |
| Disclosure |  |  | O | Disclosure will be returned only for cabin upsell offer |
| Description |  |  | M |  |
| refs(Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/Disclosure/Description/refs(Attribute) | O | **Example:** LHRAMSProductAttributesOFFER2The product attribute for the cabin upsell offer is returned in Disclosure data list for this reference |
| PricedOffer |  |  | M |  |
| OfferPrice |  |  | M | Returns total price for a single passenger per passenger type with fare and tax split along with tax breakdown This will be repeated per pax type. Example, if you have 2 ADT, 2 CHD and 2 INF then this will be repeated thrice once for ADT, once for CHD and once for INF**Note:** Price for Young adult passengers will be returned as separate OfferPrice |
| OfferItemID (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/OfferItemID (Attribute) | O | An unique offer item id**Example:** 1 |
| RequestedDate |  |  | M |  |
| PriceDetail |  |  | M |  |
| TotalAmount |  |  | O | Total amount (Base fare + Tax) per pax type for the itinerary |
| SimpleCurrencyPrice |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice | M | **Example:** 91.99 |
| Code (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/TotalAmount/SimpleCurrencyPrice/Code (Attribute) | O | Currency Code **Example:** GBP |
| BaseAmount |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/BaseAmount | M | Total base fare for the itinerary per pax type**Example:** 26.00 |
| Code (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/BaseAmount/Code (Attribute) | O | Currency Code **Example:** GBP |
| Taxes |  |  | O | Tax information |
| Total |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/ Total | O | Total tax for the itinerary per pax type**Example:** 65.99 |
| Code (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/ Total/Code (Attribute) | O | Currency Code **Example:** GBP |
| Breakdown |  |  | O | Tax breakdown information |
| Tax |  |  | M |  |
| Amount |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/Amount | M | Individual tax amount**Example:** 42.06 |
| Code (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/Amount/Code (Attribute) | O | Currency Code **Example:** GBP |
| TaxCode |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/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 |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/CollectionPoint/CurrCode | O | Airport’s local currency code**Example:** USD |
| AirportAmount |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/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 |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/PriceDetail/Taxes/Breakdown/Tax/CollectionPoint/AirportCode | M | Segment departure or arrival airport code**Example:** JFK |
| Associations |  |  | O | Both passengers and flights that are associated with this offer are returned This will be repeated to associate passenger and flights. If the offer is returned for 1 ADT and for 2 O&D’s (LHRAMS and AMSLHR) then there will be 3 Associations, 1 with AssociatedTraveler to associate a passenger and 2 with ApplicableFlight to associate flights for each O&D where each ApplicableFlight will have 1 FlightSegmentReference i.e one for LHRAMS and one for AMSLHR |
| AssociatedTraveler |  |  | O |  |
| TravelerReferences |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/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 SH1 and SH2. Multiple references will be separated by a space.**Example:** SH1 SH2 |
| ApplicableFlight |  |  | O |  |
| FlightSegmentReference |  |  | O | List of flight segments that are applicable for this offerExample, if your O&D is EDI-ABQ and has 3 flight segments BA1434, BA117,BA5621 then FlightSegmentReference will be repeated thrice |
| ref (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ref (Attribute) | M | Unique reference to a flight segment**Example:** BA1434The flight details for this reference is returned in FlightSegmentList data list |
| ClassOfService |  |  | M |  |
| refs (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ClassOfServic/refs (Attribute) | O | Reference to a fare basis code for all passenger types for this flight segment**Examples:** FBCODE1ADTFBCODE1CHDFBCODE1INFWhereFBCODE1ADT = Adult fare basis code for this offerFBCODE1CHD= Child fare basis code for this offerFBCODE1INF =Infant fare basis code for this offerThe fare basis code for the reference is returned in FareGroup data list**Note:** More than one fare basis code reference is separated by a space |
| Code |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ClassOfService/Code | M | Booking/Selling class**Example:** O |
| MarketingName |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/ClassOfService/MarketingName | O | The cabin this selling class belongs to**Example:** Euro Traveller |
|  |  |  |  |  |
|  |  |  |  |  |
| BagDetailAssociation |  |  | O | Baggage disclosures including checked and carryon allowance references for the upsell offer is returned here |
| BagDisclosureReferences |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/BagDetailAssociation/BagDisclosureReferences | O | Baggage disclosures reference e.g.: CKBAG (for Checked Baggage) HANDBAG (for Hand baggage). Each reference will be delimited by a space**Example:** HANDBAGOD1 CKBAGOD1OFFER2Both hand baggage and checked baggage details for the references are returned in BagDisclosure data list  |
| CheckedBagReferences |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/BagDetailAssociation/CheckedBagReferences | O | Checked Baggage details reference**Example:** CKBAGBA0423OD1CKBAGBA0428INFOD1The checked baggage allowance for the reference is returned in CheckedBagAllowanceList data list |
| CarryOnReferences |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightSegmentReference/BagDetailAssociation/CarryOnReferences | O | Carryon Baggage (Hand baggage) details reference**Example:** HANDBAGALLOWANCEThe hand baggage allowance for the reference is returned in CarryOnAllowanceList data list |
| OriginDestinationReferences |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/OriginDestinationReferences |  | Reference to an origin and destination applicable for this offer**Example:** OD1 |
| FlightReferences |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/RequestedDate/Associations/ApplicableFlight/FlightReferences | O | Reference to a flight that is applicable for this offer**Example:** Flight1 |
| FareDetail |  |  | O | Fare rules information |
| FareComponent |  |  | M | Fare component pricing information. This is a list and is repeated for each fare component |
| refs (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/FareDetail/ FareComponent/refs (Attribute) | O | Flight segments that are applicable for this fare componentUnique 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 |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Type | M | Possible values areChangeUpgradeCancellation |
| Amounts |  |  | O | Penalty fee can either be percentage or currency amount.  |
| Amount |  |  | M |  |
| CurrencyAmountValue |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/CurrencyAmountValue | M | Change/Upgrade/Cancellation penalty currency amount**Example:** 60 |
| Code (Attribute) |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/FareDetail/ FareComponent/FareRules/Penalty/Details/Detail/ Amounts/Amount/CurrencyAmountValue/Code (Attribute) | O | Currency Code **Example:** GBP |
| PercentageValue |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/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 |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/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 |  | FlightPriceRS/AirlineOffers/AirlineOffer/PricedOffer/OfferPrice/FareDetail/Remarks/Remark | M | Rule text for each category is returned here |
| DataLists |  |  | O |  |
| AnonymousTravelerList |  |  | O | List of all passengers to whom the shopping response is returned |
| AnonymousTraveler |  |  | M | This will be repeated for each anonymous passenger |
| ObjectKey (Attribute) |  | FlightPriceRS/DataLists/AnonymousTravelerList/ AnonymousTraveler/ObjectKey (Attribute) | O | **Example:** SH1 |
| PTC |  | FlightPriceRS/DataLists/AnonymousTravelerList/ AnonymousTraveler/PTC | O | Passenger type code of this passenger**Example:** ADT |
| ResidenceCode |  | FlightPriceRS/DataLists/ AnonymousTravelerList/ AnonymousTraveler/ResidenceCode | O | **Example:** GBThis is same as what was passed in the request |
| Age |  |  | O |  |
| Value |  | FlightPriceRS/DataLists/AnonymousTravelerList/ AnonymousTraveler/Age/Value | M [Choice] | **Example:** 15 |
| BirthDate |  | FlightPriceRS/DataLists/AnonymousTravelerList/ AnonymousTraveler/Age/BirthDate | M [Choice] | Date of birth in “YYYY-MM-DD” format**Example:** 2002-01-01 |
| RecognizedTravelerList |  |  | O | List of all passengers to whom the shopping response is returned |
| RecognizedTraveler |  |  | M | This will be repeated for each known passenger |
| ObjectKey (Attribute) |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/ObjectKey (Attribute) | O | **Example:** SH2 |
| PTC |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/PTC | O | Passenger type code of this passenger**Example:** ADT |
| ResidenceCode |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/ResidenceCode | O | **Example:** GBThis is same as what was passed in the request |
| Age |  |  | O |  |
| Value |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/Age/Value | M [Choice] | **Example:** 15 |
| BirthDate |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/Age/BirthDate | M [Choice] | Date of birth in “YYYY-MM-DD” format**Example:** 2002-01-01 |
| Name |  |  | M |  |
| Surname |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/Name/Surname | M | **Example:** SMITH |
| Given |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/Name/Given | O | **Example:** WILL |
| Title |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/Name/Title | O | **Example:** MR |
| Middle |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/Name/Middle | O | **Example:** G |
| FQTVs |  |  | O | Passenger’s frequent flyer informationThis will be returned only if the FQTV passed in FlightPriceRQ for this passenger is valid (service internally validates the FQTV) |
| AirlineID |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/FQTVs/AirlineID | M | Frequent flyer airline code**Example:** BA |
| Account |  |  | O |  |
| Number |  | FlightPriceRS/DataLists/ RecognizedTravelerList/ RecognizedTraveler/FQTVs/Account/Number | M | Frequent flyer number**Example:** 12345678 |
| BagDisclosureList |  |  | O | Baggage disclosure list |
| BagDisclosure |  |  | M | Both checked baggage and hand baggage disclosure details are returned here. This will be repeated twice once for checked baggage disclosure and once for hand baggage disclosure |
| ListKey (Attribute) |  | FlightPriceRS/DataLists/ BagDisclosureList/BagDisclosure/ListKey(Attribute) | M | Possible values areHANDBAGCKBAG |
| BagRule |  | FlightPriceRS/DataLists/ BagDisclosureList/BagDisclosure/BagRule | M | Will always be “Disclosure baggage rule” |
| Descriptions |  |  | O |  |
| Description |  |  | M | This will be repeated for each baggage disclosure |
| Text |  | FlightPriceRS/DataLists/ BagDisclosureList/BagDisclosure/Descriptions/Description/Text | O | **Example:** You must be able to lift your bag unaided into the overhead locker |
| CarryOnAllowanceList |  |  | O | Hand baggage allowance details are returned here |
| CarryOnAllowance |  |  | M |  |
| ListKey (Attribute) |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/ListKey (Attribute) | M | **Example:** HANDBAGALLOWANCE |
| PieceAllowance |  |  | O |  |
| PieceAllowanceCombination (Attribute) |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/PieceAllowanceCombination (Attribute) | O | Will always be “AND”. It means along with this hand baggage allowance there is also an additional allowancei.e 1 bag plus briefcase, laptop or handbag |
| ApplicableParty |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/ApplicableParty | M | Will always be “Party”. It means this hand baggage allowance is applicable for all passengers in the booking |
| TotalQuantity |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/TotalQuantity | M | Total number of hand baggage allowance**Example:** 1 |
| BagType |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/BagType | O | Possible values areBagbriefcase, laptop or handbag |
| PieceMeasurements |  |  | M |  |
| Quantity (Attribute) |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/PieceMeasurements/Quantity(Attribute) | M | Total number of hand baggage allowance**Example:** 1 |
| PieceDimensionAllowance |  |  | O | This will be repeated twice once to return the dimension in Centimeter and once to return the dimension in Inch  |
| ApplicableParty |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/PieceMeasurements/PieceDimensionAllowance/ApplicableParty | O | Will always be “Party”. It means this hand baggage allowance is applicable for all passengers in the booking |
| DimensionUOM |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/PieceMeasurements/PieceDimensionAllowance/DimensionUOM | M | Possible values areCentimeterInch |
| Dimensions |  |  | M | This will be repeated thrice to return length, width and height dimensions |
| Category |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/PieceMeasurements/PieceDimensionAllowance/Dimensions/Category | M | Possible values areLengthWidthHeight |
| MaxValue |  | FlightPriceRS/DataLists/ CarryOnAllowanceList/ CarryOnAllowance/PieceAllowance/PieceMeasurements/PieceDimensionAllowance/Dimensions/ MaxValue | M | Actual value**Example:** 56.00 |
| CheckedBagAllowanceList |  |  | O | Checked baggage allowance details are returned here |
| CheckedBagAllowance |  |  | M | This will be repeated to return allowance for different pax type |
| ListKey (Attribute) |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ ListKey (Attribute) | M | **Example:**CKBAGBA0423CKBAGBA0428INF |
| PieceAllowance |  |  | O |  |
| ApplicableParty |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/ApplicableParty | M | Reference to passengers to whom this checked baggage allowance is applicableExample, 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:** SH1SH2SH3 |
| TotalQuantity |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/TotalQuantity | M | Total ticketed baggage allowance**Example:** 1 |
| BagType |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/BagType | O | Will always be “Bag” |
| PieceMeasurements |  |  | M |  |
| Quantity (Attribute) |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/PieceMeasurements/Quantity (Attribute) | M | Total ticketed baggage allowance**Example:** 1 |
| PieceWeightAllowance |  |  | O | This is where maximum weight allowed per piece is returned |
| MaximumWeight |  |  | M | This will be repeated twice once to return the value in Kilogram and once to return the value in Pound |
| Value |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/PieceMeasurements/PieceWeightAllowance/MaximumWeight/ Value | M | Actual value**Example:** 32 |
| UOM |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/ PieceAllowance/PieceMeasurements/PieceWeightAllowance/MaximumWeight/ UOM | M | Possible values areKilogramPound |
| WeightAllowance |  |  | O |  |
| ApplicableParty |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/WeightAllowance/ApplicableParty | O |  |
| MaximumWeight |  |  | M |  |
| Value |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/WeightAllowance/MaximumWeight/Value | M |  |
| UOM |  | FlightPriceRS/DataLists/ CheckedBagAllowanceList/CheckedBagAllowance/WeightAllowance/MaximumWeight/UOM | M |  |
| DisclosureList |  |  | O | The product attributes for the requested itinerary and for the cabin upsell offer are returned here  |
| Disclosures |  |  | M |  |
| ListKey (Attribute) |  | FlightPriceRS/DataLists/DisclosureList/Disclosures/ListKey (Attribute) | M | **Example:**LHRAMSProductAttributesAMSLHRProductAttributesUpgradefulljourney |
| Description |  |  | M | This is a list and will be repeated for each product attributes |
| Text |  | FlightPriceRS/DataLists/DisclosureList/Disclosures/Description/Text | O | **Example:**Complimentary drinks and snacks available on board |
| Media |  |  | O | The associated media link for the product attribute is returned here |
| MediaLink |  | FlightPriceRS/DataLists/DisclosureList/Disclosures/Description/Media/MediaLink | M | **Example:** www.britishairways.com/main/MEALS/EN\_GB |
| FareList |  |  | O | Fare basis code for each passenger type for each flight segment is returned hereFare basis code must be passed when a client wants to retrieve seat map (SeatAvailability service)**Note:** It is recommended that clients always pass fare basis code when creating a booking via OrderCreateRQ in order to quote correct fare product for the itinerary |
| FareGroup |  |  | M | This is a list and will be repeated to return unique fare basis code for the itinerary  |
|  |  |  |  |  |
| ListKey (Attribute) |  | FlightPriceRS/DataLists/FareList/FareGroup/ListKey (Attribute) | M | **Example:** FBCODE1ADT |
| Fare |  |  | M |  |
| FareCode |  |  | M |  |
| Code |  | FlightPriceRS/DataLists/FareList/FareGroup/Fare/ FareCode/Code | M | Will always be “70J” |
| FareBasisCode |  |  | M |  |
| Code |  | FlightPriceRS/DataLists/FareList/FareGroup/ FareBasisCode/Code | M | Fare basis code**Example:** VZ0RIN |
| FlightSegmentList |  |  | O |  |
| FlightSegment |  |  | M | Flight segment details |
| SegmentKey (Attribute) |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/SegmentKey (Attribute) | M | **Example:** BA0428 |
| SecureFlight (Attribute) |  | FlightPriceRS/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 |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Departure/AirportCode | M | Departure airport IATA code**Example:** LHR |
| Date |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Departure/Date | M | Local Departure date i.e. local to the departure location**Example:** 2015-07-01 |
| Time |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Departure/Time | O | Local Departure time i.e. local to the departure location**Example:** 06:50 |
| AirportName |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Departure/AirportName | O | Departure airport name**Example:** Heathrow (London) |
| Terminal |  |  | O |  |
| Name |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Departure/Terminal/Name | O | Departure Terminal**Example:** 5 |
| Arrival |  |  | M | Arrival information |
| AirportCode |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Arrival/AirportCode | M | Arrival airport IATA code**Example:** AMS |
| Date |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Arrival/Date | O | Local Arrival date i.e. local to the arrival location**Example:** 2015-07-01 |
| Time |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Arrival/Time | O | Local Arrival time i.e. local to the arrival location**Example:** 09:10 |
| ChangeOfDay |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Arrival/ChangeOfDay  | O | Number of days between arrival and departure**Example:** 1 |
| AirportName |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Arrival/AirportName | O | Arrival airport name**Example:** Amsterdam |
| Terminal |  |  | O |  |
| Name |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Arrival/Terminal/Name | O | Arrival Terminal**Example:** 1**Note:** If terminal information is not available then the service will return “unknown**”** |
| MarketingCarrier |  |  | M | Marketing carrier information |
| AirlineID |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/MarketingCarrier/AirlineID | M | Marketing carrier code**Example:** BA |
| Name |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/MarketingCarrier/Name | O | Marketing carrier name**Example:** British Airways |
| FlightNumber |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/MarketingCarrier/FlightNumber | M | Marketing flight number**Example:** 0428 |
| OperatingCarrier |  |  | O | Operating carrier information |
| AirlineID |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/OperatingCarrier /AirlineID | O | Operating carrier code**Example:** AA |
| Name |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/OperatingCarrier/ Name | O | Operating carrier name**Example:** AMERICAN AIRLINES |
| Equipment |  |  | M | Aircraft information |
| AircraftCode |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/Equipment/AircraftCode | M | **Example:** 767 |
| Name |  | FlightPriceRSRS/DataLists/FlightSegmentList/FlightSegment/Equipment/Name | O | **Example:** Boeing 767 jet |
| FlightDetail |  |  | O |  |
| FlightDuration |  |  | O | Flight segment duration  |
| Value |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/FlightDuration/Value | M | **Example:** PT1H30M |
|  |  |  |  |  |
| Stops |  |  | O | Number of stops |
| StopQuantity |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/Stops/StopQuantity | O | **Example:** 0 |
| StopLocations |  |  | O | Stop locations. The hidden stop details are returned here. This is a list and is repeated to return each hidden stop details. This section will be returned only when the StopQuantity is “non- Zero” value (meaning the flight stops somewhere before reaching its final destination)  |
| StopLocation |  |  | M | Stop location details |
| AirportCode |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/Stops/StopLocations/StopLocation/AirportCode | M | **Example:** SIN |
| ArrivalDate |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/Stops/StopLocations/StopLocation/ArrivalDate | M | **Example:** 2017-07-08 |
| ArrivalTime |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/Stops/StopLocations/StopLocation/ArrivalTime | M | **Example:** 17:45 |
| DepartureDate |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/Stops/StopLocations/StopLocation/DepartureDate | M | **Example:** 2017-07-08 |
| DepartureTime |  | FlightPriceRS/DataLists/FlightSegmentList/FlightSegment/FlightDetail/Stops/StopLocations/StopLocation/DepartureTime | M | **Example:** 19:25 |
| FlightList |  |  | O |  |
| Flight |  |  | M | Flight details |
| FlightKey (Attribute) |  | FlightPriceRS/DataLists/FlightList/Flight/FlightKey (Attribute) | O | Unique flight key**Example:** Flight1 |
| Journey |  |  | O | Flight journey details |
| Time |  | FlightPriceRS/DataLists/FlightList/Flight/Journey/Time | O | Total journey duration of this flight**Example:** PT10H35M |
| SegmentReferences |  | FlightPriceRS/DataLists/FlightList/Flight/SegmentReferences | M | List of flight segment references associated with this flight**Example:** BA1447 BA0183 |
| OriginDestinationList |  |  | O |  |
| OriginDestination |  |  | M |  |
| OriginDestinationKey (Attribute) |  | FlightPriceRS/DataLists/ OriginDestinationList/ OriginDestination/OriginDestinationKey(Attribute) | O | Unique origin and destination key**Example:** OD1 |
| DepartureCode |  | FlightPriceRS/DataLists/ OriginDestinationList/ OriginDestination/DepartureCode | M | Origin code**Example:** LON |
| ArrivalCode |  | FlightPriceRS/DataLists/ OriginDestinationList/ OriginDestination/ArrivalCode | M | Origin code**Example:** AMS |
| FlightReferences |  | FlightPriceRS/DataLists/ OriginDestinationList/ OriginDestination/FlightReferences | O | List of flight references associated with this origin and destination**Example:** Flight1 |
| MediaList |  |  | O | This is where the legal and condition of carriage link for BA is returned |
| Media |  |  | M |  |
| ListKey (Attribute) |  | FlightPriceRS/DataLists/ MediaList/Media/ListKey (Attribute) | M | **Example:** Legal-Information |
| MediaLink |  | FlightPriceRS/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 PricedFlightOffer |
| ObjectKey (Attribute) |  | FlightPriceRS/DataLists/PriceClassList/PriceClass/ObjectKey (Attribute) | O | **Example:** Handbaggageonly |
| Name |  | FlightPriceRS/DataLists/PriceClassList/PriceClass/Name | M | Fare product namePossible values areHandbaggageonlyBasicPlusPlusFlexStandardStandard Flex |
| Code |  | FlightPriceRS/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 |  | FlightPriceRS/DataLists/PriceClassList/PriceClass/Descriptions/Description/Text | O | Marketing information about the fare product**Example:** No checked baggage allowance |
| ServiceList |  |  | O | Seat lead in price is returned here for the applicable flights |
| Service |  |  | M | This is a list and will be repeated to return seat lead in price for all flights in the itinerary, if applicable |
| ObjectKey (Attribute) |  | FlightPriceRS/DataLists/ ServiceList/Service/ObjectKey (Attribute) | M | **Example:** Service1 |
| ServiceID |  | FlightPriceRS/DataLists/ ServiceList/Service/ ServiceID | M | An unique service id**Example:** SRVC-SEAT-PRICE-1-BA0428 |
| Owner (Attribute) |  | FlightPriceRS/DataLists/ ServiceList/Service/ ServiceID/Owner (Attribute) | M | Will always be “BA” |
| Name |  | FlightPriceRS/DataLists/ ServiceList/Service/Name | M | Nam of the service“SEAT”  |
| Encoding |  |  | M |  |
| RFIC |  |  | M | IATA defined Reason For Issuance Code |
| Code |  | FlightPriceRS/DataLists/ ServiceList/Service/ Encoding/RFIC/Code | M | Will always be “A”Where A = Air Transportation |
| Code |  | FlightPriceRS/DataLists/ ServiceList/Service/ Encoding/Code | M | Service code“SEAT” |
| Descriptions |  |  | M | Service description |
| Description |  |  | M |  |
| Text |  | FlightPriceRS/DataLists/ ServiceList/Service/Descriptions/Description/Text | O | Returns the type of seat (Seat category)**Example:** GeneralSeat |
| Price |  |  | O | Seat lead in price |
| Total |  | FlightPriceRS/DataLists/ ServiceList/Service/Price/ Total | M | **Example:** 15.00 |
| Code (Attribute) |  | FlightPriceRS/DataLists/ ServiceList/Service/Price/ Total/Code (Attribute) | O | Currency Code **Example:** GBP |
| Associations |  |  | O | Service association |
| Flight |  |  | O |  |
| SegmentReferences |  | FlightPriceRS/DataLists/ ServiceList/Service/Associations/Flight/SegmentReferences | M | Reference to a flight for which the seat lead in price is returned**Example:** BA0428 |
| Metadata |  |  | O |  |
| Other |  |  | O |  |
| OtherMetadata |  |  | M |  |
| AddressMetadatas |  |  | M |  |
| AddressMetadata |  |  | M | Billing address information is returned here |
| MetadataKey (Attribute) |  | FlightPriceRS/Metadata/Other/OtherMetadata/AddressMetadatas/AddressMetadata/MetadataKey (Attribute) | M | Unique key**Example:** Address |
| AddressType |  | FlightPriceRS/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 OrderCreateRQ |
| FieldName |  | FlightPriceRS/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) |  | FlightPriceRS/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 OrderCreateRQ |
| CurrencyMetadatas |  |  | M |  |
| CurrencyMetadata |  |  | M | This is where the number of decimal that is applicable for the currency code is returned |
| MetadataKey (Attribute) |  | FlightPriceRS/Metadata/Other/OtherMetadata/ CurrencyMetadatas/CurrencyMetadata/MetadataKey (Attribute) | M | Unique key**Example:** GBP |
| Decimals |  | FlightPriceRS/Metadata/Other/OtherMetadata/ CurrencyMetadatas/CurrencyMetadata/Decimals | O | Number of decimal applicable for the currency code returned in the response**Example:** 2 |
| PaymentCardMetadatas |  |  | M |  |
| PaymentCardMetadata |  |  | M | Returns a list of applicable payment cards along with the mandatory card information that should be provided when payment card is used as form of payment in OrderCreateRQ**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 |
| refs (Attribute) |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ refs (Attribute) |  | Reference to an offer this payment card is applicable for**Example:** OFFER1 OFFER2More than one reference will be separated by a space  |
| MetadataKey (Attribute) |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ MetadataKey (Attribute) | M | Unique key**Example:** Payment1 |
| CardCode |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardCode | M | **Example:** VI |
| CardName |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardName | O | **Example:** Visa Credit |
| CardType |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ CardType | O | **Example:** Credit |
| CardFields |  |  | O | Returns mandatory card details that should be provided when payment card is used as form of payment in OrderCreateRQ |
| FieldName |  | FlightPriceRS/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) |  | FlightPriceRS/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 OrderCreateRQ |
| Surcharge |  |  | O | Surcharge fee applicable for the payment card |
| Amount |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ Surcharge/Amount | M | Total surcharge amount for all passengers**Example:** 20.00 |
| Code (Attribute) |  | FlightPriceRS/Metadata/Other/OtherMetadata/ PaymentCardMetadatas/ PaymentCardMetadata/ Surcharge/Amount/Code (Attribute) | O | Currency Code **Example:** GBP |
| Errors |  |  | M | Error information |
| Error |  | FlightPriceRS/Errors/Error | M | This is a list so more than one error will be returned by repeating ErrorBA error code and message**Example:** FSC40003 - Error Obtaining Price Quote |
| ShortText (Attribute) |  | FlightPriceRS/Errors/Error/ShortText | O | PADIS error code**Example:** 304 |
| Code (Attribute) |  | FlightPriceRS/Errors/Error/Code | O | PADIS error message**Example:** System Temporarily unavailable |

## URLs to access this web service

### Live URL

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

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

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

*Please note that this version does not support all the latest functionality and it uses IATA Schema 1.1.3*

### Test URL

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

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

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

*Please note that this version does not support all the latest functionality and it uses IATA Schema 1.1.3*

### 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

**SOAPAction:** FlightPriceV01

## Sample SOAP NDC Request to access this web service











## Sample SOAP NDC Response













## Sample SOAP NDC Response with errors



## Sample SOAP Response with errors

Any schema validation error will be returned as SOAP Fault



# 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

**FlightPrice Service**

1. The service returns the total price, fare, and tax with tax break down and fare rules for the requested itinerary for all passengers in PricedFlightOffer. This is the most enriched offer. Cabin Upsell is returned in AirlineOffer.
2. Cabin Upsell option –. Cabin upsell option is returned in AirlineOffer. The service returns both one way and return journey cabin upsell offers. Example: If the requested itinerary is LHR-AMS Economy then cabin upsell option will be returned for LHR-AMS in Business, if applicable. Similarly, if the requested journey is LHR-AMS-LHR in Economy then cabin upsell option will be returned for LHR-AMS in Business and AMS-LHR in Business. Cabin upsell option is returned with total price, base fare and total tax with break down along with fare rules for each passenger type. If the client were to choose cabin upsell option then they have all information to construct OrderCreateRQ and create a booking.
3. Ticket Upsell option - Offer to increase the ticket flexibility.Please note that ticket upsell option will not be returned in FlightPriceRS.
4. An example FlightPrice response for a long haul return journey in Economy cabin in V selling class, which is a restricted fare. Assume Cabin Upsell option is applicable

FlightPrice request: LHR-JFK-LHR, both O/B and I/B in V selling class in Economy cabin

FlightPrice response: In total 1 PricedFlightOffer and 1 AirlineOffer will be returned

PricedFlightOffer 1 – Total fare, tax with tax breakdown for all passengers for the requested itinerary along with fare rule and product attributes

AirlineOffer 1 - Total fare and tax with tax breakdown for all passengers along with fare rules and product attributes to upgrade return journey (LHRJFK and JFKLHR) in the next available cabin (Premium Economy cabin in this case), if applicable

1. Please note that although the list of applicable cards remain the same for both PricedFlightOffer (requested itinerary) and AirlineOffer (cabin upsell offer) some credit cards may not incur a card surcharge if the customer has chosen to book cabin upsell offer. This is clearly indicated in the response by associating each card with an offer id (PricedFlightOffer or AirlineOffer or Both)
2. The service will return prices in the currency of the agent’s country. Please note that the penalty fee will still be returned in the currency of the country where the journey commences Example, if an agent from Paris making a request for LHR-NYC then both AirShopping and FlightPrice service will return prices in Euro (based on agent’s country) and penalty fee in GBP.
3. The service returns price quote in the next available selling class of the same cabin if the requesting selling class was sold out. A warning message will be returned in this scenario to inform the customer of the change in the selling class.
4. The total price returned by the FlightPrice service is the amount to be charged for the flights. The booking will not succeed even if there is a penny difference.
5. FlightPrice service returns seat lead in price for all flights (if applicable) in the itinerary. If for any of the flights seat lead in price is not returned, it means seats can’t be purchased on that flight
6. In FlightPriceRS, the secure flight flag is returned for each flight segment – Client should pass the APIS details (DOB and Gender) in OrderCreateRQ, if this Boolean was returned as “true” for at least one of the flight segment.
7. In FlightPriceRS, applicable payment cards that the client can use in OrderCreateRQ are returned. Applicable payment cards are decided based on agent’s country and customers billing country. If customer’s billing country is not specified in FlightPriceRQ then applicable payment cards will be returned based on agents country only
8. The service also 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 offer as agreed with the airline. This is also called as Ticket Time Limit, as tickets will only be issued once payment is made.
9. The service will not return Cabin Upsell option for MultiCity/Stopover, open jaw Itineraries, itineraries containing mixed cabins (e.g. LHRJFK in Economy and JFKLHR in Premium Economy)
10. The service will not return Cabin Upsell option for corporates and agents eligible for private fares.
11. The service now supports the below Leisure Fare types
	* Inclusive Tour
	* Humanitarian
	* Marine
	* Contact Bulk
	* Private Fare Adult

Clients will be able to request any of the above Leisure Fare types via FlightPrice

1. Clients can only request one Leisure Fare type per request. If more than one Leisure Fare is requested then the service will apply the first Leisure Fare type it finds from the list
2. The service returns error if the requested Leisure fare is not available i.e the service will not default to the published fare if the requested leisure fare is not available
3. The service rejects request and returns error, if the agent is not eligible to request for leisure fare types
4. BA offers different fare products within Economy cabin. For short haul routes, Basic, Plus and Plus Flex products are offered. Please note that the fare product name is subject to change and the number of fare products being returned may also vary based on the route and availability
5. BA offers different fare products within Economy cabin only and the name will wary based on the journey haul type
6. For short haul journeys the below fare products are offered
* Basic
* Plus
* Plus Flex
1. For long haul journeys the below fare products are offered
* Basic
* Standard
* Standard Flex
1. The service expects clients to always pass the fare basis code in OrderCreateRQ when creating a booking in order to quote the correct fare product for the itinerary even if the request is for a non-Economy cabin

**General**

1. The service returns prices in exact decimal value based on the currency (e.g. GBP will be returned at 2 decimals, while JPY will be returned at integer level only).
2. The service checks if the agent calling the service has the right to create BA bookings. If the agent does not have such authority then the service will not proceed and will return an error.
3. The service checks if the requesting Travel Management Company (TMC) is allowed to service the corporate and returns error if it is not allowed.
4. The service returns 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.
5. Air Passenger Duty (APD) no longer applies to passengers aged between 12 and under 16 years old travelling in Economy after 1st March 2016. For travel on or after this date, BA need to know if anyone in this age range is travelling so that APD is not charged for them. Therefore, it is advised for clients to provide passenger’s age in all BA NDC services so that the service will know the passenger is a young adult and won’t charge APD.

# Appendix 1 –Web Services error responses

## FlightPrice error/ineligibility checks

|  |  |
| --- | --- |
| PADIS Error Code | PADIS Error Text |
| 1 | Date is not valid |
| 143 | Invalid or Ineligible Passenger Type code |
| 304 | System Temporarily unavailable |
| 311 | Ticket arrangement data invalid |
| 320 | Invalid segment status |
| 715 | Invalid fare basis |
| 730 | No fare on this market and/or carrier |

# 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 |