

# **UNIVERSAL AIR API**

## **Technical Guide**

**Version 10.0**

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**Presented By: Tek Travels**

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## DOCUMENT CONTROL

Version	Issue Date	Description
10.0	30-09-15	New documentation file

# 1. OVERVIEW

This document describes **Universal Air API**, which can be integrated into various applications (Web app, Mobile app etc).

It is intended specially for developers and other team members to help them know how the Air API Service works. This guide provides all the required information to integrate this Universal Air API.

All the steps right from search, to re-price and seat sell, to request excess baggage and meal charges wherever applicable, to fare rules and final booking are sequentially followed by using a shared transaction identifier (**Traceld**).

We strongly recommended that you read the complete guide before integration. This is **RESTful** service which communicates only in **JSON Format**. You may use online tools like "<http://jsonlint.com/>" or "<http://jsonviewer.stack.hu/>" (or other some similar tools) to validate the JSON **Format**.

This guide explains the use of each method, what support we are providing to use the API efficiently, how to access the resources provided by Tek Travels, etc. **This document also contains the certification process you need to go through for Go Live access.** The document assumes that you are familiar with web services technology. Still if you face any issue or any concern you can reach us on:

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## 2. CONNECTIVITY

This XML Web Service is connected with the following airline suppliers

- Spice Jet
- Indigo
- Go Air
- Air Asia
- Air Arabia
- Fly Dubai
- Air India Express
- Air Costa
- Tiger Airways
- Bhutan Airlines
- Air Pegasus
- Trujet
- GDS (Amadeus, Galileo & World Span)

## 3. COMPRESSION

For some searches, you may get around 100 to 150 results. Transmission of such big responses takes extra time over the internet. To overcome this problem and reduce transmission/ response time by about 80 %, system is enabled with gzip compression. Please check the below steps on how to receive compressed response.

Step 1: Request must contain the header as "Accept-Encoding: gzip, deflate".

Step 2: If server detects, the response will be compressed.

Step 3: Client receives response with the header "Content-Encoding: gzip".

Step 4: Client needs to decompress the Response before processing.

## 4. METHOD TO POST JSON DATA

### **Method to Post JSON data :-**

```
private static string GetResponse(string requestData, string url)

{
    string responseXML = string.Empty;    try    {

byte[] data = Encoding.UTF8.GetBytes(requestData);

        HttpRequest request = (HttpRequest)WebRequest.Create(url);

request.Method = "POST";            request.ContentType =

"application/json";            request.Headers.Add("Accept-Encoding",

"gzip");            Stream dataStream = request.GetRequestStream();

dataStream.Write(data, 0, data.Length);            dataStream.Close();

        WebResponse webResponse = request.GetResponse();

var rsp = webResponse.GetResponseStream();            if

(rsp == null)

        {

            //throw exception

        }

        using (StreamReader readStream = new StreamReader(new GZipStream(rsp,

CompressionMode.Decompress)))
```

```
{
    responseXML =
JsonConvert.DeserializeXmlNode(readStream.ReadToEnd()).InnerXml;
    }        return
responseXML;
    }        catch (WebException
webEx)
    {
        //get the response stream
        WebResponse response = webEx.Response;
        Stream stream = response.GetResponseStream();
        String responseMessage = new StreamReader(stream).ReadToEnd();
    }
}
```

**Important Note:**

- ⚠ In case of **400 Bad Request**, kindly verify the **responseMessage** in **WebException**.
- ⚠ You can use following link to validate your Json Request:- <http://jsonlint.com/>



## 5. AUTHENTICATION

Authenticate method will return the **Token ID** that needs to be **echoed back in every subsequent request**. In case of session expiry or log outs, the authenticate method needs to be called again and the updated Token ID needs to be passed in every subsequent request.

**Service URL (REST) to be used:**

<http://api.tektravels.com/SharedServices/SharedData.svc/rest/Authenticate>

Authenticate Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	ClientId	String	Client ID – ApiIntegration	<b>Mandatory</b>
2	UserName	String	User name provided to the agency at registration	<b>Mandatory</b>
3	Password	String	Password provided to the agency at registration	<b>Mandatory</b>
4	EndUserIp	String	IP address of the End User	<b>Mandatory</b>

Authenticate Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	Member			
1.1	FirstName	String	First Name of the client	<b>Mandatory</b>
1.2	LastName	String	Last Name of the client	<b>Mandatory</b>
1.3	Email	String	Email ID of the client	<b>Mandatory</b>
1.4	MemberId	Integer	Unique Member ID of the client	<b>Mandatory</b>
1.5	AgencyId	Integer	Unique Agency ID of the client	<b>Mandatory</b>
1.6	LoginName	String	Login Name (user name) of the client	<b>Mandatory</b>
1.7	LoginDetails	String	Login Details of the client	<b>Mandatory</b>
2	TokenId	String	Token ID	(Token Id to be echoed

3	Status	Integer	Response status	back in further requests. Token Id is normally valid for 24 hours. You may use the same token (until expiry) for multiple searches)
4	Error			<b>Mandatory</b>
4.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
4.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

**For Sample Request and Response: [Click Here](#)**

## 6. LOGOUT

Logout method can be used to kill any existing token (session), forcefully. Once the session is killed, the authenticate method needs to be called again and the updated Token ID needs to be passed in every subsequent request.

**Service URL (REST) to be used:**

<http://api.tektravels.com/SharedServices/SharedData.svc/rest/Logout>

Logout Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	ClientId	String	Client ID – ApiIntegration	<b>Mandatory</b>
2	TokenAgencyId	String	Agency ID	<b>Mandatory</b>
3	TokenMemberId	String	Member ID	<b>Mandatory</b>
4	EndUserIp	String	IP address of the End User	<b>Mandatory</b>
5	TokenId	String	Token ID	<b>Mandatory</b> (Token Id received in authenticate response)

Logout Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	Status	Enumeration	Status	<b>Mandatory</b> Not Set = 0 Successful = 1, Failed = 2
2	Error			<b>Mandatory</b>
2.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
2.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

For Sample Request and Response: [Click Here](#)

## 7. GETAGENCYBALANCE

GetAgencyBalance method can be used to know the Agency Balance in TBO Account.

**Service URL (REST) to be used:**

<http://api.tektravels.com/SharedServices/SharedData.svc/rest/GetAgencyBalance>

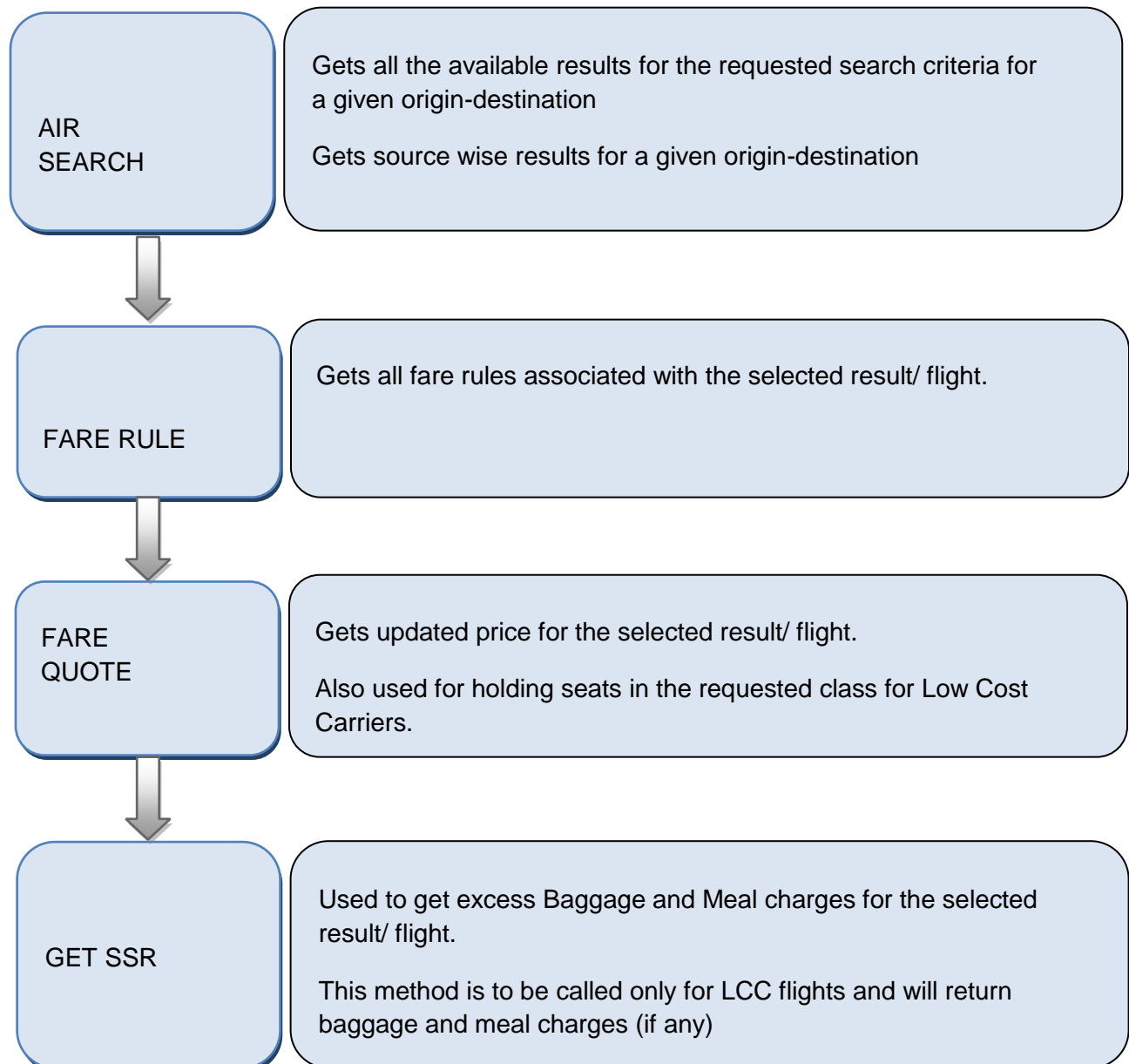
GetAgencyBalance Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	ClientId	String	Client ID – ApiIntegration	<b>Mandatory</b>
2	TokenAgencyId	String	Agency ID	<b>Mandatory</b>
3	TokenMemberId	String	Member ID	<b>Mandatory</b>
4	EndUserIp	String	IP address of the End User	<b>Mandatory</b>
5	TokenId	String	Token ID	<b>Mandatory</b> (Token Id received in authenticate response)

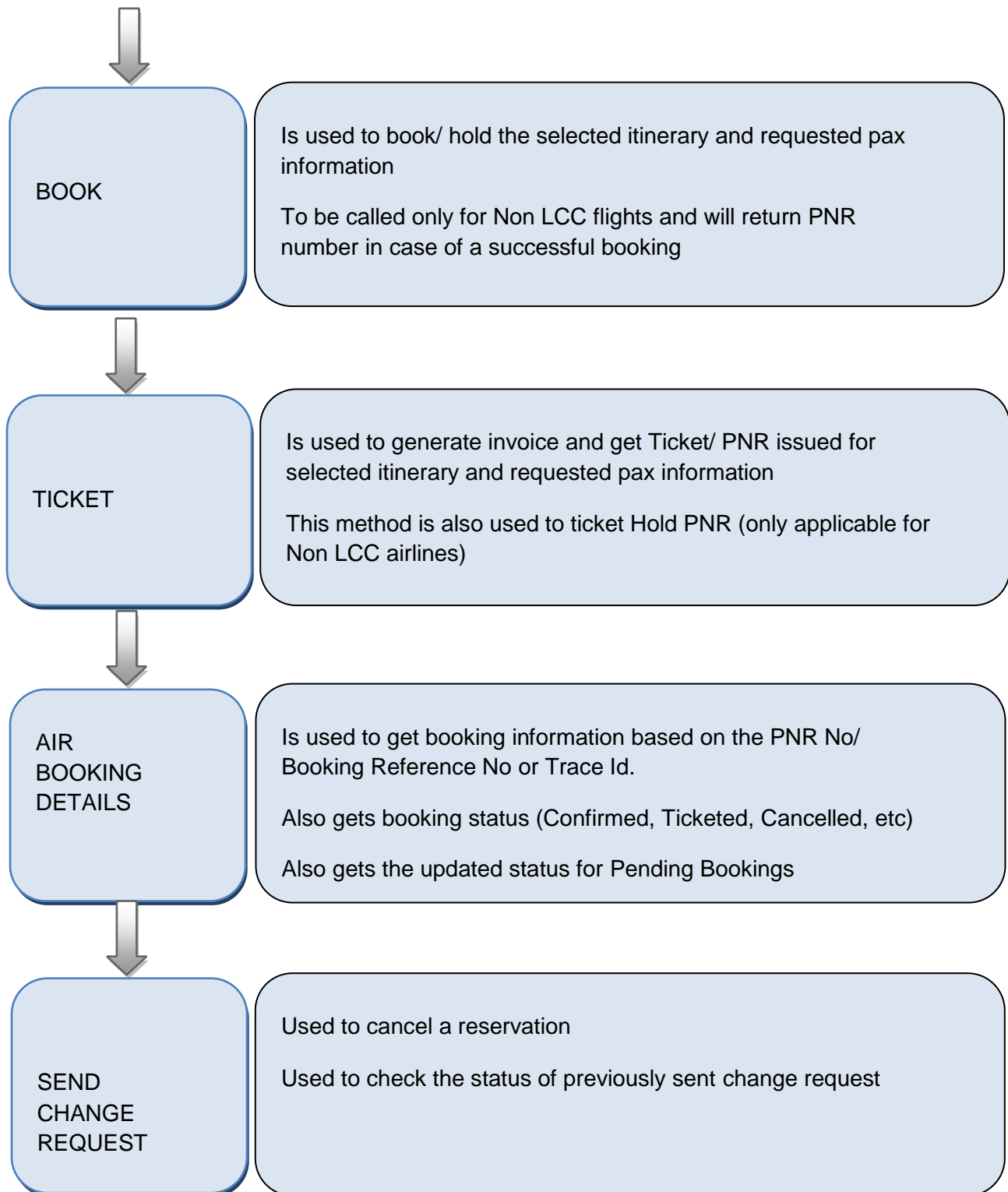
GetAgencyBalance Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	Status	Enumeration	Status	<b>Mandatory</b> Not Set = 0 Successful = 1, Failed = 2
2	AgencyType	Enumeration	Agency Type	<b>Mandatory</b> Not Set = 0 Cash = 1, Credit = 2
3	CashBalance	Decimal	Cash Balance	<b>Mandatory</b>
4	CreditBalance	Decimal	Credit Balance	<b>Mandatory</b>
5	Error			<b>Mandatory</b>
5.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
5.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

**For Sample Request and Response:** [Click Here](#)

## 8. PATHWAY

The Universal Air API offers the following pathway to create a booking as per the provided criteria.





## 9. SEARCH

This method provides availability information with the cheapest fare option available. The request includes single query. The search request contains optional field of Return Date.

In case of round trip, this field should be filled with the date of return. When properly submitted, the Search Response returns the available option.

Once the requested query is parsed and validated, the booking engine start searching for the best option in all possible sources. If the search is successful it will return Result object.

### Service URL (REST) to be used:

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/Search](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/Search)

Air Search Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	AdultCount	Integer	Number of adults	<b>Mandatory</b> except for Advance Search
4	ChildCount	Integer	Number of children	<b>Mandatory</b> (except for Advance Search. Minimum value should be 0)
5	InfantCount	Integer	Number of infants	<b>Mandatory</b> (except for Advance Search. Minimum value should be 0)
6	DirectFlight	Boolean	If it is TRUE only direct flight will come	<b>Optional</b> (Value – True or False)
7	OneStopFlight	Boolean	If it is true only one stop flights will come	<b>Optional</b> (Value – True or False)
8	JourneyType	Enumeration	Specify journey type	<b>Mandatory</b>

				1 - OneWay 2 - Return 3 - Multi Stop 4 - AdvanceSearch 5 - Special Return
9	PreferredAirlines	String[]	This filter works only on GDS airline	<b>Optional</b> null for All i.e. ["AI", "9W", "SG"]
10	Segments []		List of segments	
10.1	Origin	String	Origin city code	<b>Mandatory</b> (e.g. DEL)
10.2	Destination	String	Destination city code	<b>Mandatory</b> (e.g. BOM)
10.3	FlightCabinClass	Enumerator	Cabin class	<b>Mandatory</b> (1 for All 2 for Economy 3 for PremiumEconomy 4 for Business 5 for PremiumBusiness 6 for First)
10.4	PreferredDeparture Time	Date Time	Preferred departure date time Format: <u>yyyy-MMddTHH:mm:ss</u>	<b>Mandatory</b> (2015-08-10T00:00:00 for any time 2015-08-10T08:00:00 for Morning Flights 2015-08-10T14:00:00 for Afternoon Flights 2015-08-10T19:00:00 for Evening Flights 2015-08-10T01:00:00 for Night Flights)
10.5	PreferredArrivalTime	Date Time	Preferred arrival date time Format: <u>yyyy-MMddTHH:mm:ss</u>	<b>Mandatory</b> (same as above)



11	Sources	String[]	Airline Sources	<b>Optional</b> <i>For Normal OW/RT:</i> <b>GDS</b> – Amadeus/Galileo <b>SG</b> - SpiceJet <b>6E</b> - Indigo <b>G8</b> – Go Air <b>G9</b> – Air Arabia <b>FZ</b> – Fly Dubai <b>IX</b> – Air India Express <b>AK</b> – Air Asia <b>LB</b> – Air Costa  <i>For LCC Spl Return:</i> <b>SG</b> - SpiceJet <b>6E</b> - Indigo <b>G8</b> – Go Air  <i>For GDS Spl Return:</i> <b>GDS</b>  <i>For Advance Search:</i> <b>GDS</b> – Amadeus/Galileo  <i>For MultiStop Search:</i> <b>GDS</b> – Amadeus/Galileo
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Air Search Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b> (Trace Id to be echoed back in further requests. <b>Trace id is valid for only 15 minutes</b> )

				so you need to complete the flow within 15 minutes)
2	Origin	String	Origin city code	<b>Mandatory</b>
3	Destination	String	Destination city code	<b>Mandatory</b>
4	Results [ ]	Array of element	Array of the flight results	<b>Mandatory</b> (Can be blank in case no flights found for requested search)
4.1	ResultIndex	String	Result Index	<b>Mandatory</b>

4.2	Source(can identify the type of fare that is provided in the search result.)	String	Airline Source	<b>Mandatory</b> <i>NotSet = 0</i> <i>SpiceJet = 3</i> <i>Amadeus = 4</i> <i>Galileo = 5</i> <i>Indigo = 6</i> <i>GoAir = 10</i> <i>AirArabia = 13</i> <i>AirIndiaExpress = 14</i> <i>AirIndiaExpressDom = 15</i> <i>FlyDubai = 17</i> <i>AirAsia = 19</i> <i>IndigoCoupon = 24</i> <i>SpiceJetCoupon = 25</i> <i>GoAirCoupon = 26</i> <i>IndigoTBF = 27</i> <i>SpiceJetTBF = 28</i> <i>GoAirTBF = 29</i> <i>IndigoSPLCoupon = 30</i> <i>SpiceJetSPLCoupon = 31</i> <i>GoAirSPLCoupon = 32</i> <i>IndigoCrpFare = 36</i> <i>SpiceJetCrpFare = 37</i> <i>GoAirCrpFare = 38</i> <i>IndigoDstInv = 42</i> <i>SpiceJetDstInv = 43</i> <i>GoAirDstInv = 44</i> <i>AirCosta = 46</i> <i>MalindoAir = 47</i> <i>BhutanAirlines = 48</i> <i>AirPegasus = 49</i> <i>TruJet = 50</i>
4.3	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b> <i>(Value – True or False)</i>
4.4	IsRefundable	Boolean	Is the fare refundable	<b>Mandatory</b>

			or not	(Value – True or False)
4.5	AirlineRemarks	String	Airline remarks	<b>Optional</b>
4.6	Fare			
4.6.1	Currency	String	Currency	<b>Mandatory</b>
4.6.2	BaseFare	Decimal	The total Base fare of the booking	<b>Mandatory</b>
4.6.3	Tax	Decimal	The total tax of the booking	<b>Mandatory</b>
4.6.4	YQTax	Decimal	It is Fuel surcharge. It is part of Tax	<b>Mandatory</b>
4.6.5	AdditionalTxnFeeOfrd	Decimal	It is additional Transaction fee that API User can charge from the customer but TBO will not charge it from you as per airline	<b>Mandatory</b> (It will always be zero)
4.6.6	AdditionalTxnFeePub	Decimal	It is additional Transaction fee that API User can charge from the customer but TBO will not charge it from you as per airline	<b>Mandatory</b>
4.6.7	OtherCharges	Decimal	Some additional charge by airline/ airport.	<b>Mandatory</b>
4.6.8	ChargeBU[]		It will contain different charge breakup that is service charge or Credit card charge. For details please refer ChargeBraekUp structure	<b>Mandatory</b>
4.6.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
4.6.8.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
4.6.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>

4.6.9	Discount	Decimal	The total discount amount of the booking. Will be zero for API customer.	<b>Mandatory</b>
4.6.10	PublishedFare	Decimal	Published Fare	<b>Mandatory</b>
4.6.11	CommissionEarned	Decimal	Total Commission of Agent. Basically it is your profit margin, earning from booking.	<b>Mandatory</b>
4.6.12	PLBEarned	Decimal	Performance Linked Bonus on a particular airline.	<b>Mandatory</b>
4.6.13	IncentiveEarned	Decimal	Incentive applicable(if any)	<b>Mandatory</b>
4.6.14	OfferedFare	Decimal	Offered Fare	<b>Mandatory</b>
4.6.15	TdsOnCommission	Decimal	TDS on the commission earned.	<b>Mandatory</b>
4.6.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus.	<b>Mandatory</b>
4.6.17	TdsOnIncentive	Decimal	TDS on the incentive earned.	<b>Mandatory</b>
4.6.18	ServiceFee	Decimal	Service Fee	<b>Mandatory</b>
4.7	FareBreakdown[]		Details of fare breakup into several part. It give fare of Each Passenger Type.	
4.7.1	Currency	String	Currency	<b>Mandatory</b>
4.7.2	PassengerType	String	Passenger Type	<b>Mandatory</b> Adult – 1 Child – 2 Infant – 3
4.7.3	PassengerCount	Integer	Number of Passenger	<b>Mandatory</b>
4.7.4	BaseFare	Decimal	The total Base fare of the booking for particular pax type	<b>Mandatory</b>

4.7.5	Tax	Decimal	The total tax of the booking for particular pax type	<b>Mandatory</b>
4.7.6	YQTax	Decimal	Fuel Surcharge for particular pax type	<b>Mandatory</b>
4.7.7	AdditionalTxnFeeOfrd	Decimal	It is additional Transaction fee that API User can charge from the customer but TBO will not charge it from you as per airline	<b>Mandatory</b> <i>(It will always be zero)</i>
4.7.8	AdditionalTxnFeePub	Decimal	It is additional Transaction fee that API User can charge from the customer but TBO will not charge it from you as per airline	<b>Mandatory</b>
4.8	Segments			
4.8.1	TripIndicator	Integer	Trip Indicator	<b>Mandatory</b> 1 for Outbound 2 for Inbound flights
4.8.2	SegmentIndicator	Integer	Segment Indicator	<b>Mandatory</b> 1 for Outbound 2 for Inbound flights
4.8.3	Airline			
4.8.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
4.8.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
4.8.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
4.8.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
4.8.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
4.8.4	Origin			
4.8.4.1	Airport			
4.8.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
4.8.4.1.2	AirportName	String	Airport name	<b>Optional</b>

4.8.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
4.8.4.1.4	CityCode	String	City code	<b>Mandatory</b>
4.8.4.1.5	CityName	String	City name	<b>Mandatory</b>
4.8.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
4.8.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
4.8.5	DepTime	Date Time	Departure time	<b>Mandatory</b>
4.8.6	Destination			
4.8.6.1	Airport			
4.8.6.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
4.8.6.1.2	AirportName	String	Airport name	<b>Optional</b>
4.8.6.1.3	Terminal	String	Terminal number	<b>Optional</b>
4.8.6.1.4	CityCode	String	City code	<b>Mandatory</b>
4.8.6.1.5	CityName	String	City name	<b>Mandatory</b>
4.8.6.1.6	CountryCode	String	Country code	<b>Mandatory</b>
4.8.6.1.7	CountryName	String	Country name	<b>Mandatory</b>
4.8.7	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
4.8.8	AccumulatedDuration	Time	Accumulated duration	<b>Optional</b>
4.8.9	Duration	Time	Duration	<b>Optional (refer accumulated duration if the total durations is 0)</b>
4.8.10	GroundTime	Time	Ground time	<b>Optional</b>
4.8.11	Mile	String	Miles	<b>Optional</b>
4.8.12	StopOver			
4.8.13	StopPoint	String	Stopover point	<b>Optional</b>
4.8.14	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
4.8.15	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
4.8.16	Craft	String	Craft	<b>Optional</b>
4.8.17	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b> (Value – true or false)
4.8.18	FlightStatus	String	Flight status	<b>Mandatory</b>
4.8.19	Status	String	Status	<b>Mandatory</b>

4.9	LastTicketDate	Date Time	Last ticket date	<b>Mandatory</b>
4.10	TicketAdvisory	String	Ticket Advisory	<b>Optional</b>
4.11	FareRules		This is the fare rules of the flight fare offered	
			<b>Note:</b> Fare rule details will not be available on search response. Call GetFareRule method to get fare details	
4.11.1	Origin	String	Origin	<b>Mandatory</b>
4.11.2	Destination	String	Destination	<b>Mandatory</b>
4.11.3	Airline	String	Airline	<b>Mandatory</b>
4.11.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
4.11.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
4.11.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>
4.11.7	AirlineCode	String	Airline code	<b>Mandatory</b>
4.11.8	ValidatingAirline	String	Validating airline	<b>Mandatory</b>

For Sample Request and Response: [Click Here](#)

## 10. ADVANCE SEARCH

We have introduced the concept of **Advance Search** in Universal Air API V10. In this case, we do (class wise) seat availability check first and then do seat sell for the request fare class.

**Advance Search** is a two step process. First you need to call Search method (to check class wise seat availability) and then PriceRBD method (to do seat sell for the requested fare class). Thereafter, the flow upto booking will remain the same.

Advance Search Feature is applicable only for Non LCC airlines.



## 10.1. SEARCH

The search method remains same as mentioned in section 9. However, you need to send the **JourneyType** as **AdvanceSearch** in search request. The search response will return available fare classes and number of seats left in each class for relevant airlines.

## 10.2. PRICERBD

PriceRBD method is to be called only for **Advance Search**. This method will do seat sell for the request fare class. You need to send Adult count, Child count and Infant count in the PriceRBD request.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/PriceRBD](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/PriceRBD)

Price RBD Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b>
3	TraceId	String	Trace ID	<b>Mandatory</b>
3	AdultCount	Integer	Number of adults	<b>Mandatory</b>
4	ChildCount	Integer	Number of children	<b>Mandatory</b>
5	InfantCount	Integer	Number of infants	<b>Mandatory</b>
6	AirSearchResult			
6.1	ResultIndex	String	Result Index	<b>Mandatory</b>
6.2	Source	String	Airline Sources	<b>Mandatory</b>
6.3	IsLCC	Boolean	Is the Flight LCC or Not	<b>Mandatory</b>
6.4	IsRefundable	Boolean	Is the Fare refundable or Not	<b>Mandatory</b>
6.5	AirlineRemark	String	Airline Remarks	<b>Mandatory</b>
6.6	Segments			

6.6.1	TripIndicators	Enumerator	Trip Indicator	<b>Mandatory</b>
6.6.2	SegmentIndicator	Date Time	Segment Indicator	<b>Mandatory</b>
6.6.3	Airline			
6.6.3.1	AirlineCode	String[]	Airline Code	<b>Optional</b>
6.6.3.2	AirlineName	String[]	Airline Name	<b>Optional</b>
6.6.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
6.6.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
6.6.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>

Price RBD Response				
<b>Level</b>	<b>Element</b>	<b>Format</b>	<b>Comments</b>	<b>Mandatory/ Optional</b>
1	TraceId	String	Trace ID	<b>Mandatory</b>
2	Origin	String	Origin city code	<b>Mandatory</b>
3	Destination	String	Destination city code	<b>Mandatory</b>
4	IsPriced	Boolean	Is Priced or not	<b>Mandatory</b>
4	Results [ ]			<b>Mandatory</b>
4.1	ResultIndex	String	Result Index	<b>Mandatory</b>
4.2	Source	String	Airline Source	<b>Mandatory</b>
4.3	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b>
4.4	IsRefundable	Boolean	Is the fare refundable or not	<b>Mandatory</b>
4.5	AirlineRemarks	String	Airline remarks	<b>Optional</b>
4.6	Fare			
4.6.1	Currency	String	Currency	<b>Mandatory</b>
4.6.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
4.6.3	Tax	Decimal	Total tax	<b>Mandatory</b>
4.6.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
4.6.5	AdditionalTxnFeeOfferd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
4.6.5	AdditionalTxnFeePublished	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
4.6.6	OtherCharges	Decimal	Other Charge	<b>Mandatory</b>

4.6.7	ChargeBU[]		It will contain different charge breakup that is service charge or Credit card charge. For details please refer ChargeBraekUp structure	<b>Mandatory</b>
4.6.7.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
4.6.7.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
4.6.7.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
4.6.8	Discount	Decimal	Discount	<b>Mandatory</b>
4.6.9	PublishedFare	Decimal	Published Fare	<b>Mandatory</b>
4.6.10	CommissionEarned	Decimal	Agent Commission	<b>Mandatory</b>
4.6.11	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
4.6.12	IncentiveEarned	Decimal	Agent Incentive	<b>Mandatory</b>
4.6.13	OfferedFare	Decimal	Offered Fare	<b>Mandatory</b>
4.6.14	TdsOnCommission	Decimal	TDS on the commission	<b>Mandatory</b>
4.6.15	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
4.6.16	TdsOnIncentive	Decimal	TDS on the incentive	<b>Mandatory</b>
4.6.17	ServiceFee	Decimal	Service Fee	<b>Mandatory</b>
4.7	FareBreakdown[]		Details of fare breakup into several part. It give fare of Each Passenger Type.	
4.7.1	Currency	String	Currency	<b>Mandatory</b>
4.7.2	PassengerType	String	Passenger Type	<b>Mandatory</b> Adult – 1 Child – 2 Infant – 3
4.7.3	PassengerCount	Integer	Number of Passenger	<b>Mandatory</b>
4.7.4	BaseFare	Decimal	Base fare	<b>Mandatory</b>

4.7.5	Tax	Decimal	Total tax	<b>Mandatory</b>
4.7.6	YQTax	Decimal	Fuel Surcharge	<b>Mandatory</b>
4.7.7	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
4.7.7	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
4.8	Segments			
4.8.1	TripIndicator	Integer	Trip Indicator	<b>Mandatory</b> 1 for Outbound 2 for Inbound flights
4.8.2	SegmentIndicator	Integer	Segment Indicator	<b>Mandatory</b> 1 for Outbound 2 for Inbound flights
4.8.3	Airline			
4.8.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
4.8.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
4.8.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
4.8.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
4.8.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
4.8.4	Origin			
4.8.4.1	Airport			
4.8.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
4.8.4.1.2	AirportName	String	Airport name	<b>Optional</b>
4.8.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
4.8.4.1.4	CityCode	String	City code	<b>Mandatory</b>
4.8.4.1.5	CityName	String	City name	<b>Mandatory</b>
4.8.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
4.8.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
4.8.5	DepTime	Date Time	Departure time	<b>Mandatory</b>
4.8.6	Destination			
4.8.6.1	Airport			
4.8.6.1.1	AirportCode	String	Airport code	<b>Mandatory</b>

4.8.6.1.2	AirportName	String	Airport name	<b>Optional</b>
4.8.6.1.3	Terminal	String	Terminal number	<b>Optional</b>
4.8.6.1.4	CityCode	String	City code	<b>Mandatory</b>
4.8.6.1.5	CityName	String	City name	<b>Mandatory</b>
4.8.6.1.6	CountryCode	String	Country code	<b>Mandatory</b>
4.8.6.1.7	CountryName	String	Country name	<b>Mandatory</b>
4.8.7	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
4.8.8	AccumulatedDuration	Time	Accumulated duration	<b>Optional</b>
4.8.9	Duration	Time	Duration	<b>Optional</b>
4.8.10	GroundTime	Time	Ground time	<b>Optional</b>
4.8.11	Mile	String	Miles	<b>Optional</b>
4.8.12	StopOver			
4.8.13	StopPoint	String	Stopover point	<b>Optional</b>
4.8.14	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
4.8.15	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
4.8.16	Craft	String	Craft	<b>Optional</b>
4.8.17	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b> (Value – true or false)
4.8.18	FlightStatus	String	Flight status	<b>Mandatory</b>
4.8.19	Status	String	Status	<b>Mandatory</b>
4.9	LastTicketDate	Date Time	Last ticket date	<b>Mandatory</b>
4.10	TicketAdvisory	String	Ticket Advisory	<b>Optional</b>
4.11	FareRules		Fare Rules	
4.11.1	Origin	String	Origin	<b>Mandatory</b>
4.11.2	Destination	String	Destination	<b>Mandatory</b>
4.11.3	Airline	String	Airline	<b>Mandatory</b>
4.11.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
4.11.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
4.11.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>
4.11.7	AirlineCode	String	Airline code	<b>Mandatory</b>

4.11.8	ValidatingAirline	String	Validating airline	<b>Mandatory</b>
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For Sample Request and Response: [Click Here](#)

## 11. CALENDAR FARE

This method allows you to check the Lowest Airfare of the month for any domestic sector. Fare shown in the calendar is suggestive pricing for informational purpose only and is for a single adult. The information shown is based on the bookings done by the TBO customers in the past. Due to rapidly changing airline prices & seat availability, these fares are not guaranteed and may no longer be available.

Calendar Fare feature is applicable only for OneWay domestic journeys.

### 11.1. [GETCALENDARFARE](#)

This method will return the Cheapest Fare of the month along with the lowest fare for each day, if available. You further need to call the Search method for real time inventory and pricing. Rest of the flow remains same for booking.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/GetCalendarFare](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/GetCalendarFare)

Get Calendar Fare Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	JourneyType	Enumerator	Specify journey type	<b>Mandatory</b> 1 - OneWay
4	PreferredAirlines	String[]	This filter works only on GDS airline	<b>Optional</b> null for All

				<i>i.e. ["AI", "9W", "SG"]</i>
5	Segments []		List of segments	
5.1	Origin	String	Origin city code	<b>Mandatory</b> (e.g. DEL)
5.2	Destination	String	Destination city code	<b>Mandatory</b> (e.g. BOM)
5.3	FlightCabinClass	Enumerator	Cabin class	<b>Mandatory</b> (1 for All 2 for Economy 3 for PremiumEconomy 4 for Business 5 for PremiumBusiness 6 for First)
5.4	PreferredDepartureTime	Date Time	Preferred departure date time Format: <u>yyyy-MMddTHH:mm:ss</u>	<b>Mandatory</b> (2015-08-10T00:00:00 for any time 2015-08-10T08:00:00 for Morning Flights 2015-08-10T14:00:00 for Afternoon Flights 2015-08-10T19:00:00 for Evening Flights 2015-08-10T01:00:00 for Night Flights)
6	Sources	String[]	Airline Sources	<b>Optional</b> <u>For Normal OW/RT:</u> <b>GDS</b> – Amadeus/Galileo <b>SG</b> - SpiceJet <b>6E</b> - Indigo <b>G8</b> – Go Air

GetCalendarFare Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b> (Trace Id to be echoed back in further requests)

2	Origin	String	Origin city code	<b>Mandatory</b>
3	Destination	String	Destination city code	<b>Mandatory</b>
4	SearchResults [ ]	Array of	Array of the flight	<b>Mandatory</b>
		element	results	<i>(Can be blank in case no flights found for requested search)</i>
4.1	AirlineCode	String	Airline Code	<b>Mandatory</b>
4.2	AirlineName	String	Airline Name	<b>Mandatory</b>
4.3	DepartureTime	Date Time	Departure time	<b>Mandatory</b>
4.4	IsLowestFareOfMonth	Boolean	Is Lowest Fare of the month	<b>Mandatory</b> <i>(Value - True or False)</i>
4.5	BaseFare	Decimal	The total Base fare of the booking	<b>Mandatory</b>
4.6	Tax	Decimal	The total tax of the booking	<b>Mandatory</b>
4.7	YQTax	Decimal	It is Fuel surcharge. It is part of Tax	<b>Mandatory</b>
4.8	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
5	Response Status	Enumeration	Response Status	<b>Mandatory</b>
6	Error			
6.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
6.2	ErrorMessage	String	Contains error message	<b>Mandatory</b>
				<i>(Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)</i>

For Sample Request and Response: [Click Here](#)



**11.2. UPDATECALENDARFAREOFDAY**

This method should be called only after the method GetCalendarFare in order to obtain the lowest fare of a particular day.

This method will return the Cheapest Fare of a particular day of month.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/UpdateCalendarFareOfDay](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/UpdateCalendarFareOfDay)

Update Calendar Fare Of Day Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	JourneyType	Enumerator	Specify journey type	<b>Mandatory</b> 1 - OneWay
4	PreferredAirlines	String[]	This filter works only on GDS airline	<b>Optional</b> null for All i.e. ["AI", "9W", "SG"]
5	Segments []		List of segments	
5.1	Origin	String	Origin city code	<b>Mandatory</b> (e.g. DEL)
5.2	Destination	String	Destination city code	<b>Mandatory</b> (e.g. BOM)
5.3	FlightCabinClass	Enumerator	Cabin class	<b>Mandatory</b> (1 for All 2 for Economy 3 for PremiumEconomy 4 for Business 5 for PremiumBusiness)

				6 for First)
5.4	PreferredDepartureTime	Date Time	Preferred departure date time Format: <u>yyyy-MMddTHH:mm:ss</u>	<b>Mandatory</b>  (2015-08-10T00:00:00 for any time 2015-08-10T08:00:00 for Morning Flights 2015-08-10T14:00:00 for Afternoon Flights 2015-08-10T19:00:00 for Evening Flights 2015-08-10T01:00:00 for Night Flights)
6	Sources	String[]	Airline Sources	<b>Optional</b>  <u>For Normal OW/RT:</u> <b>GDS</b> – Amadeus/Galileo <b>SG</b> - SpiceJet <b>6E</b> - Indigo <b>G8</b> – Go Air

Update Calendar Fare Of Day Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b> (Trace Id to be echoed back in further requests)
2	Origin	String	Origin city code	<b>Mandatory</b>
3	Destination	String	Destination city code	<b>Mandatory</b>
4	SearchResults [ ]	Array of element	Array of the flight results	<b>Mandatory</b> (Can be blank in case no flights found for requested search)
4.1	AirlineCode	String	Airline Code	<b>Mandatory</b>
4.2	AirlineName	String	Airline Name	<b>Mandatory</b>
4.3	DepartureTime	Date Time	Departure time	<b>Mandatory</b>
4.4	BaseFare	Decimal	The total Base fare of the booking	<b>Mandatory</b>
4.5	Tax	Decimal	The total tax of the booking	<b>Mandatory</b>

4.6	YQTax	Decimal	It is Fuel surcharge. It is part of Tax	<b>Mandatory</b>
4.7	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
5	Response Status	Enumeration	Response Status	<b>Mandatory</b>
6	Error			
6.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
6.2	ErrorMessage	String	Contains error message	<b>Mandatory</b>
				<i>(Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)</i>

For Sample Request and Response: [Click Here](#)

## 12. FARE RULE

This method is used to get the fare rules and condition of a specific flight option. It contains the fare basis code and the relevant details associated with it, such as restrictions and penalties.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/FareRule](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/FareRule)

Fare Rule Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> <i>(Token Id to be echoed back from Authenticate response)</i>

3	TraceId	String	Trace Id	<b>Mandatory</b> (Trace Id to be echoed back from search response. This can be used to trace particular search/ book at TBO's end)
4	ResultIndex	Integer	Result Index	<b>Mandatory</b>

Fare Rule Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	FareRules[]			
1.1	Airline	String	Airline	<b>Mandatory</b>
1.1.1	Origin	String	Origin	<b>Mandatory</b>
1.1.2	Destination	String	Destination	<b>Mandatory</b>
1.1.3	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
1.1.4	FareRestriction	String	Fare restriction	<b>Optional</b>
1.1.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
1.2	Error			
1.2.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
12.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

For Sample Request and Response: [Click Here](#)

## 13. FARE QUOTE

This method is required to re-price the selected itinerary. This method is also accessed to sell/ hold seats for LCC airlines. This is required to make sure that we have the updated price including tax because in some cases, the fare provided at the time of search may change.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/FareQuote](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/FareQuote)

Fare Quote Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token Id	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	TraceId	String	Trace Id	<b>Mandatory</b> (Trace Id to be echoed back from search response. This can be used to trace particular search/ book at TBO's end)
4	ResultIndex	Integer	Result index	<b>Mandatory</b>

Fare Quote Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace Id	<b>Mandatory</b>
2	IsPriceChanged	Boolean	Is Price changed	<b>Mandatory</b>
3	ResponseStatus	String	Response Status	<b>Mandatory</b> [NotSet = 0, Successfull = 1, Failed = 2, InvalidRequest = 3, InvalidSession = 4, InvalidCredentials = 5]
4	Results			
4.1	ResultIndex	String	Result Index	<b>Mandatory</b>
4.2	Source	String	Airline Source	<b>Mandatory</b>
4.3	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b> (Value – True or False)
4.4	IsRefundable	Boolean	Is the fare refundable or not	<b>Mandatory</b> (Value – True or False)
4.5	AirlineRemark	String	Airline Remark	<b>Optional</b>
4.6	Fare		Fare of search result	

4.6.1	Currency	String	Currency	<b>Mandatory</b>
4.6.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
4.6.3	Tax	Decimal	Total tax	<b>Mandatory</b>
4.6.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
4.6.5	AdditionalTxn FeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
4.6.6	AdditionalTxn FeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
4.6.7	OtherCharge s	Decimal	Some additional charge by airline/ airport.	<b>Mandatory</b>
4.6.8	ChargeBU[]		It will contain different charge breakup that is service charge or Credit card charge. For details please refer ChargeBraekUp structure	<b>Mandatory</b>
4.6.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
4.6.8.2	Convenience Charge	Decimal	Convenience Charge	<b>Mandatory</b>
4.6.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
4.6.9	Discount	Decimal	Discount	<b>Mandatory</b>
4.6.10	PublishedFar e	Decimal	Published Fare	<b>Mandatory</b>
4.6.11	Commission Earned	Decimal	Agent Commission	<b>Mandatory</b>
4.6.12	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
4.6.13	IncentiveEarn ed	Decimal	Incentive earned	<b>Mandatory</b>
4.6.14	OfferedFare	Decimal	Offered Fare	<b>Mandatory</b>
4.6.15	TdsOnComm ission	Decimal	TDS on the commission	<b>Mandatory</b>
4.6.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
4.6.17	TdsOnIncenti ve	Decimal	TDS on the incentive earned	<b>Mandatory</b>
4.6.18	ServiceFee	Decimal	Service Fee	<b>Mandatory</b>

4.7	FareBreakdown[]		Details of fare breakup into several part. It give fare of Each Passenger Type.	
4.7.1	Currency	String	Currency	<b>Mandatory</b>
4.7.2	PassengerType	String	Passenger Type	<b>Mandatory</b> Adult – 1 Child – 2 Infant – 3
4.7.3	PassengerCount	Integer	Number of Passenger	<b>Mandatory</b>
4.7.4	BaseFare	Decimal	Base fare	<b>Mandatory</b>
4.7.5	Tax	Decimal	Total tax	<b>Mandatory</b>
4.7.6	YQTax	Decimal	Fuel Surcharge	<b>Mandatory</b>
4.7.7	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
4.7.8	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
4.8	Segments[]			
4.8.1	TripIndicator	Integer	Trip Indicator	<b>Mandatory</b>
4.8.2	SegmentIndicator	Integer	Segment Indicator	<b>Mandatory</b>
4.8.3	Airline			
4.8.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
4.8.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
4.8.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
4.8.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
4.8.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
4.8.4	Origin			
4.8.4.1	Airport			
4.8.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
4.8.4.1.2	AirportName	String	Airport name	<b>Optional</b>
4.8.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
4.8.4.1.4	CityCode	String	City code	<b>Mandatory</b>
4.8.4.1.5	CityName	String	City name	<b>Mandatory</b>

4.8.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
4.8.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
4.8.5	DepTime	Date Time	Departure time	<b>Mandatory</b>
4.8.6	Destination			
4.8.6.1	Airport			

4.8.6.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
4.8.6.1.2	AirportName	String	Airport name	<b>Optional</b>
4.8.6.1.3	Terminal	String	Terminal number	<b>Optional</b>
4.8.6.1.4	CityCode	String	City code	<b>Mandatory</b>
4.8.6.1.5	CityName	String	City name	<b>Mandatory</b>
4.8.6.1.6	CountryCode	String	Country code	<b>Mandatory</b>
4.8.6.1.7	CountryName	String	Country name	<b>Mandatory</b>
4.8.7	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
4.8.8	Duration	Time	Duration	<b>Optional</b>
4.8.9	GroundTime	Time	Ground time	<b>Optional</b>
4.8.10	Mile	String	Miles	<b>Optional</b>
4.8.11	StopOver			
4.8.12	StopPoint	String	Stopover point	<b>Optional</b>
4.8.13	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
4.8.14	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
4.8.15	Craft	String	Craft	<b>Optional</b>
4.8.16	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b> (Value – true or false)
4.8.17	FlightStatus	String	Flight status	<b>Mandatory</b>
4.8.18	Status	String	Status	<b>Mandatory</b>
4.9	LastTicketDate	Date Time	Last ticket date	<b>Mandatory</b>
4.10	TicketAdvisory	String	Ticket Advisory	<b>Optional</b>



4.11	FareRules		This is the fare rules of the flight fare offered	
4.11.1	Origin	String	Origin	<b>Mandatory</b>
4.11.2	Destination	String	Destination	<b>Mandatory</b>
4.11.3	Airline	String	Airline	<b>Mandatory</b>
4.11.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
4.11.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
4.11.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>
4.12	AirlineCode	String	Airline code	<b>Mandatory</b>
4.13	ValidatingAirline	String	Validating airline	<b>Mandatory</b>
4.14	Error			<b>Mandatory</b>
4.14.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
4.14.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

For Sample Request and Response: [Click Here](#)

## 14. SSR

This method is used to obtain the online prices of Special Service Request like Excess Baggage and Meal for LCC airlines like Indigo, Spice Jet, Air Asia, Air Arabia, Fly Dubai, etc. For LCC Airlines which currently do not support online SSR requests, the SSR request will not return Excess Baggage and meal charges. To avail excess baggage and meal services, the selected baggage and meal needs to be passed in the ticket request with the applicable price. The total price deducted during ticketing would be addition of Offered Fare + Excess Baggage and Meal Charges.

This method is also accessed to get available meal and seat options for Non LCC airlines. For Non LCC carriers the meal and seat options received in the SSR response are indicative only and may be added in the ticket request for availing the same. The given

information is passed to the GDS/ airline and depending on the availability, the same is provided to the customer. Non LCC airlines do not provide online confirmation for the meal and seat option selected by the customer.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/SSR](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/SSR)

SSR Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	TraceId	String	Trace Id	<b>Mandatory</b> (Trace Id to be echoed back from search response. This can be used to trace particular search/ book at TBO's end)
4	ResultIndex	String	Result index	<b>Mandatory</b>

SSR Response For LCC				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b>
2	ResponseStatus	String	Response status	<b>Mandatory</b> [NotSet = 0, Successfull = 1, Failed = 2, InvalidRequest = 3, InvalidSession = 4, InvalidCredentials = 5]
3	Baggage[]			

3.1	WayType	Integer	Way type	<b>Mandatory</b> [NotSet = 0 Segment = 1 FullJourney = 2]
3.2	Code	String	Baggage code	<b>Mandatory</b>
3.3	Description	String	Description	<b>Mandatory</b> [NotSet = 0 Included = 1 Direct = 2  Imported = 3 Upgrade = 4 ImportedUpgrade = 5] <i>In case of Included, baggage can be upgraded (if upgrade baggage option exists) And In case of Direct, baggage can't be upgraded.</i>
3.4	Weight	String	Baggage weight	<b>Mandatory</b>
3.5	Currency	String	Currency	<b>Mandatory</b>
3.6	Price	Decimal	Baggage price	<b>Mandatory</b>
3.7	Origin	String	Origin	<b>Mandatory</b>
3.8	Destination	String	Destination	<b>Mandatory</b>
4	MealDynamic[][]			
4.1	WayType	String	Way Type	<b>Mandatory</b> [NotSet = 0 Segment = 1 FullJourney = 2]
4.2	Code	String	Meal Code	<b>Mandatory</b>

4.3	Description	String	Description	<b>Mandatory</b> [NotSet = 0 Included = 1 Direct = 2 Imported = 3 UpGrade = 4 ImportedUpgrade = 5] <i>In case of Included, baggage can be upgraded (if upgrade baggage option exists) And In case of Direct, baggage can't be upgraded.</i>
4.4	AirlineDescription	String	Meal description	<b>Mandatory</b>
4.5	Quantity	String	Meal quantity	<b>Mandatory</b>
4.6	Price	Decimal	Meal Price	<b>Mandatory</b>
4.7	Currency	String	Currency	<b>Mandatory</b>
4.8	Origin	String	Origin	<b>Mandatory</b>
4.9	Destination	String	Destination	<b>Mandatory</b>
5	Error			
5.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
5.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> <i>(Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)</i>

SSR Response For Non LCC				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b> <i>(Trace Id to be echoed back in further requests)</i>

2	ResponseStatus	String	Response status	<b>Mandatory</b> [NotSet = 0, Successfull = 1, Failed = 2, InvalidRequest = 3, InvalidSession = 4, InvalidCredentials = 5]
3	SeatPreference			
3.1	Code	String	Seat code	<b>Mandatory</b>
3.2	Description	String	Seat description	<b>Mandatory</b>
4	Meal[]			
4.1	Code	String	Meal code	<b>Mandatory</b>
4.2	Description	String	Meal description	<b>Mandatory</b>
5	Error			
5.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
5.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

For Sample Request and Response: [Click Here](#)

## 15. BOOK

Book method is to hold the Booking of Non LCC airline. Every Non LCC airline must be Hold first before ticketing. It will not work for LCC airline because LCC airline is ticketed directly.

Price verification is done before creating a booking and PNR No. is returned in case of a successful booking.

In case of Price change or Time change, you will get new fare and/or new time in Book response with **IsPriceChanged node and/or IsTimeChanged node set as 'true'**.

The price comparison is to be made at the client's end, and Book request needs to be sent again with the updated fare and/ or updated time.

Passenger's Date of Birth and Passport details are optional in book request wherever applicable. However, if not provided in book request then the same needs to be provided in Ticket request.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/Book](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/Book)

Book Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b>
3	TraceId	String	Trace Id	<b>Mandatory</b>
4	ResultIndex	String	Result Index	<b>Mandatory</b>
5	Passengers[]			
5.1	Title	String	Title	<b>Mandatory</b>
5.2	FirstName	String	First name	<b>Mandatory</b>
5.3	LastName	String	Last name	<b>Mandatory (only 2 to 32 characetrs are allowed)</b>
5.4	PaxType	String	Pax type	<b>Mandatory</b> (1- Male 2- Female )
5.5	DateOfBirth	Date Time	Date of birth	<b>Optional (Date time format)</b>
5.6	Gender	String	Gender	<b>Mandatory</b>
5.7	PassportNo	String	Passport no	<b>Optional</b>
5.8	PassportExpiry	Date time	Passport expiry	<b>Optional (0001-01-01T00:00:00)</b>
5.9	AddressLine1	String	Address	<b>Mandatory</b>
5.10	AddressLine2	String	Address	<b>Optional</b>
5.11	City	String	City	<b>Mandatory</b>
5.12	CountryCode	String	Country code	<b>Mandatory</b>
5.13	CountryName	String	Country name	<b>Mandatory</b>

5.14	ContactNo	String	Contact no	<b>Mandatory</b>
5.15	Email	String	Email	<b>Mandatory</b>
5.16	IsLeadPax	Boolean	Represent the lead guest of the booking	<b>Mandatory</b> Value - True/ False
5.17	FFAirline	String	FF airline	<b>Optional</b>
5.18	FFNumber	String	FF number	<b>Optional</b>
5.19	Fare			
5.19.1	BaseFare	Decimal	Base fare	<b>Mandatory</b>
5.19.2	Tax	Decimal	Tax	<b>Mandatory</b>
5.19.3	TransactionFee	Decimal	Transaction fee	<b>Mandatory</b>
5.19.4	YQTax	Decimal	Fuel Surcharge	<b>Mandatory</b>
5.19.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
5.19.6	AdditionalTxnFeePublished	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
5.19.7	AirTransFee	Decimal	Air trans fee	<b>Mandatory (if provided in search result otherwise pass the value as 0)</b>
5.20	Meal			
5.20.1	Code	String	Meal code	<b>Optional</b>
5.20.2	Description	String	Meal description	<b>Optional</b>
5.21	Seat			
5.21.1	Code	String	Seat code	<b>Optional</b>
5.21.2	Description	String	Seat description	<b>Optional</b>

Book Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	IsPriceChanged	Boolean	Represents whether price has changed or not	<b>Mandatory</b> Value - True/ False
2	IsTimeChanged	Boolean	Represents whether time has changed or not	<b>Mandatory</b> Value - True/ False
3	SSRDenied	String	SSR denied	<b>Mandatory</b>

4	SSRMessage	String	SSR message	<b>Optional</b>
5	Status	String	Status	<b>Mandatory</b> [NotSet = 0, Successful = 1, Failed = 2, OtherFare = 3, OtherClass = 4, BookedOther = 5, NotConfirmed = 6]
6	FlightItinerary			
6.1	BookingId	Integer	Unique booking id	<b>Mandatory</b> (if booking id is provided as 0, then you may call Get Booking Details method using Trace id or PNR with First Name and Last Name of the lead passenger)
6.2	PNR	String	PNR no	<b>Mandatory</b>
6.3	IsDomestic	Boolean	Search Request is for domestic or international	<b>Mandatory</b> (Value – True or False)
6.4	Source	String	Airline Source	<b>Mandatory</b>
6.5	Origin	String	Origin	<b>Mandatory</b>
6.6	Destination	String	Destination	<b>Mandatory</b>
6.7	AirlineCode	String	Airline code	<b>Mandatory</b>
6.8	ValidatingAirlineCode	String	Validating airline code	<b>Mandatory</b>
6.9	AirlineRemarks	String	Airline remarks	<b>Optional</b>
6.10	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b> (Value – True or False)
6.11	NonRefundable	Boolean	Is the fare refundable or	<b>Mandatory</b>
			not	(Value – True or False)
6.12	FareType	String	Fare Type	<b>Mandatory</b>
6.13	Fare		Fare of search result	
6.13.1	Currency	String	Currency	<b>Mandatory</b>
6.13.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
6.13.3	Tax	Decimal	Total tax	<b>Mandatory</b>



6.13.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
6.13.5	AdditionalTxnFeeOfred	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
6.13.6	AdditionalTxnFeePublished	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
6.13.7	OtherCharges	Decimal	Other Charge	<b>Mandatory</b>
6.13.8	ChargeBU[]		Charge Break Up	<b>Mandatory</b>
6.13.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
6.13.8.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
6.13.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
6.13.9	Discount	Decimal	The total discount amount of the booking. Will be zero for API customer.	<b>Mandatory</b>
6.13.10	PublishedFare	Decimal	Published Fare	<b>Mandatory</b>
6.13.11	CommissionEarned	Decimal	Agent Commission	<b>Mandatory</b>
6.13.12	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
6.13.13	IncentiveEarned	Decimal	Agent Incentive	<b>Mandatory</b>
6.13.14	OfferedFare	Decimal	Offered Fare	<b>Mandatory</b>
6.13.15	TdsOnCommission	Decimal	TDS on the commission	<b>Mandatory</b>
6.13.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
6.13.17	TdsOnIncentive	Decimal	TDS on the incentive	<b>Mandatory</b>
6.13.18	ServiceFee	Decimal	Service Fee	<b>Mandatory</b>
6.14	Passenger[]			
6.14.1	PaxID	Integer	Unique pax id	<b>Mandatory</b>
6.14.2	Title	String	Title	<b>Mandatory</b>
6.14.3	FirstName	String	First name	<b>Mandatory</b>
6.14.4	LastName	String	Last name	<b>Mandatory</b>
6.14.5	PaxType	String	Pax type	<b>Mandatory</b>
6.14.6	DateOfBirth	Date Time	Date of birth	<b>Optional</b>

6.14.7	Gender	String	Gender	<b>Mandatory</b>
6.14.8	PassportNo	String	Passport no	<b>Optional</b>
6.14.9	PassportExpiry	Date time	Passport expiry	<b>Optional</b>
6.14.10	AddressLine1	String	Address	<b>Mandatory</b>
6.14.11	AddressLine2	String	Address	<b>Optional</b>
6.14.12	City	String	City	<b>Mandatory</b>
6.14.13	CountryCode	String	Country code	<b>Mandatory</b>
6.14.14	CountryName	String	Country name	<b>Mandatory</b>
6.14.15	ContactNo	String	Contact no	<b>Mandatory</b>
6.14.16	Email	String	Email	<b>Mandatory</b>
6.14.17	IsLeadPax	Boolean	Represent the lead guest of the booking	<b>Mandatory</b> Value - True/ False
6.14.18	FFAirlineCode	String	FF airline	<b>Optional</b>
6.14.19	FFNumber	String	FF number	<b>Optional</b>
6.14.20	Fare			
6.14.20.1	Currency	String	Currency	<b>Mandatory</b>
6.14.20.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
6.14.20.3	Tax	Decimal	Total tax	<b>Mandatory</b>
6.14.20.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
6.14.20.5	AdditionalTxnFeeOfred	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
6.14.20.6	AdditionalTxnFeePublished	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
6.14.20.7	OtherCharges	Decimal	Other Charge	<b>Mandatory</b>
6.14.20.8	ChargeBU[]		It will contain different charge breakup that is service charge or Credit card charge. For details please refer ChargeBraekUp structure.	<b>Mandatory</b>
6.14.20.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
6.14.20.8.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
6.14.20.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>

6.14.20.9	Discount	Decimal	The total discount amount of the booking. Will be zero for API customer.	<b>Mandatory</b>
6.14.20.10	PublishedFare	Decimal	Published Fare	<b>Mandatory</b>
6.14.20.11	CommissionEarned	Decimal	Agent Commission	<b>Mandatory</b>
6.14.20.12	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
6.14.20.13	IncentiveEarned	Decimal	Agent Incentive	<b>Mandatory</b>
6.14.20.14	OfferedFare	Decimal	Offered Fare	<b>Mandatory</b>
6.14.20.15	TdsOnCommission	Decimal	TDS on the commission	<b>Mandatory</b>
6.14.20.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
6.14.20.17	TdsOnIncentive	Decimal	TDS on the incentive	<b>Mandatory</b>
6.14.20.18	ServiceFee	Decimal	Service Fee	<b>Mandatory</b>
6.14.21	Meal			
6.14.21.1	Code	String	Meal code	<b>Optional</b>
6.14.21.2	Description	String	Meal description	<b>Optional</b>
6.14.22	Seat			
6.14.22.1	Code	String	Seat code	<b>Optional</b>
6.14.22.2	Description	String	Seat description	<b>Optional</b>
6.15	Segments			
6.15.1	TripIndicator	Integer	Trip Indicator	<b>Mandatory</b>
6.15.2	SegmentIndicator	Integer	Segment Indicator	<b>Mandatory</b>
6.15.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
6.15.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
6.15.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
6.15.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
6.15.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
6.15.4	Origin			
6.15.4.1	Airport			
6.15.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
6.15.4.1.2	AirportName	String	Airport name	<b>Optional</b>

6.15.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
6.15.4.1.4	CityCode	String	City code	<b>Mandatory</b>
6.15.4.1.5	CityName	String	City name	<b>Mandatory</b>
6.15.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
6.15.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
6.15.4.2	DepTime	Date Time	Departure time	<b>Mandatory</b>
6.15.5	Destination			
6.15.5.1	Airport			
6.15.5.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
6.15.5.1.2	AirportName	String	Airport name	<b>Optional</b>
6.15.5.1.3	Terminal	String	Terminal number	<b>Optional</b>
6.15.5.1.4	CityCode	String	City code	<b>Mandatory</b>
6.15.5.1.5	CityName	String	City name	<b>Mandatory</b>
6.15.5.1.6	CountryCode	String	Country code	<b>Mandatory</b>
6.15.5.1.7	CountryName	String	Country name	<b>Mandatory</b>
6.15.5.2	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
6.15.5	AirlinePNR	String	Airline pnr	<b>Optional</b>
6.15.6	AccumulatedDuration	Time	Accumulated duration	<b>Optional</b>
6.15.7	Duration	Time	Duration	<b>Optional</b>
6.15.8	GroundTime	Time	Ground time	<b>Optional</b>
6.15.9	Mile	String	Miles	<b>Optional</b>
6.15.10	StopOver			
6.15.11	StopPoint	String	Stopover point	<b>Optional</b>
6.15.12	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
6.15.13	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
6.15.14	Craft	String	Craft	<b>Optional</b>
6.15.15	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b>
6.15.16	FlightStatus	String	Flight status	<b>Mandatory</b>
6.15.17	Status	String	Flight status code	<b>Mandatory</b>
6.16	LastTicketDate	Date Time	Last ticket date	<b>Mandatory</b>

6.17	TicketAdvisory	String	Ticket Advisory	<b>Optional</b>
6.18	FareRules		This is the fare rules of the flight fare offered	
6.18.1	Origin	String	Origin	<b>Mandatory</b>
6.18.2	Destination	String	Destination	<b>Mandatory</b>
6.18.3	Airline	String	Airline	<b>Mandatory</b>
6.18.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
6.18.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
6.18.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>

For Sample Request and Response: [Click Here](#)

## 16. TICKET

This method is to be called to generate ticket for both LCCs and Non LCCs (already booked itinerary).

Price verification is done before creating a booking/ ticket and PNR No. is returned in case of a successful booking.

In case of Price change or Time change, you will get new fare and/or new time in Book response with **IsPriceChanged node and/or IsTimeChanged node set as 'true'**.

The price comparison is to be made at the client's end, and Book request needs to be sent again with the updated fare and/ or updated time.

Also, in case of Non LCC bookings, if Passenger's Date of Birth and Passport details are not provided in the book response, then the same needs to be provided when calling ticket method wherever applicable.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/Ticket](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/Ticket)

Ticket Request for Non LCC				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>

2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	TraceId	String	Trace Id	<b>Mandatory</b> (Trace Id to be echoed back from search response. This can be used to trace particular search/ book at TBO's end)
5	PNR	String	PNR number	<b>Mandatory</b>
6	BookingId	Integer	Unique booking id	<b>Mandatory</b>

Ticket Request for LCC				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b>
3	TraceId	String	Trace Id	<b>Mandatory</b>
4	ResultIndex	String	Result Index	<b>Mandatory</b>
5	Passengers[]			
5.1	Title	String	Title	<b>Mandatory</b>
5.2	FirstName	String	First name	<b>Mandatory</b>
5.3	LastName	String	Last name	<b>Mandatory</b>
5.4	PaxType	String	Pax type	<b>Mandatory</b> ( 1- Adult 2- Child 3- Infant )
5.5	DateOfBirth	Date Time	Date of birth	<b>Optional</b> (Date time format yyyy-mm-ddThh:mm:ss)
5.6	Gender	String	Gender	<b>Mandatory</b> ( 1 – Male 2 – Female)
5.7	PassportNo	String	Passport no	<b>Optional</b>
5.8	PassportExpiry	Date time	Passport expiry	<b>Optional</b>
5.9	AddressLine1	String	Address	<b>Mandatory</b> (Max of 32 characters)

5.10	AddressLine2	String	Address	<b>Optional(parameter is mandatory)</b>
5.11	City	String	City	<b>Mandatory</b>
5.12	CountryCode	String	Country code	<b>Mandatory</b>
5.13	CountryName	String	Country name	<b>Mandatory</b>
5.14	ContactNo	String	Contact no	<b>Mandatory</b>
5.15	Email	String	Email	<b>Mandatory</b>
5.16	IsLeadPax	Boolean	Represent the lead guest of the booking	<b>Mandatory</b> Value - True/ False

5.17	FFAirline	String	FF airline	<b>Optional</b>
5.18	FFNumber	String	FF number	<b>Optional</b>
5.19	Fare			
5.19.1	BaseFare	Decimal	Base fare	<b>Mandatory</b>
5.19.2	Tax	Decimal	Tax	<b>Mandatory</b>
5.19.3	TransactionFee	Decimal	Transaction fee	<b>Mandatory</b>
5.19.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
5.19.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
5.19.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
5.19.7	AirTransFee	Decimal	Air trans fee	<b>Mandatory</b>
5.20	Baggage			
5.20.1	WayType	Enumeration	Way type	<b>Mandatory</b> [NotSet = 0 Segment = 1 FullJourney = 2]
5.20.2	Code	String	Baggage code	<b>Mandatory</b>

5.20.3	Description	String	Description	<b>Mandatory</b> [NotSet = 0 Included = 1 Direct = 2 Imported = 3 Upgrade = 4 ImportedUpgrade = 5] <i>In case of Included, baggage can be upgraded (if upgrade baggage option exists)</i>  <i>And In case of Direct, baggage can't be upgraded.</i>
5.20.4	Weight	String	Baggage weight	<b>Mandatory</b>
5.20.5	Currency	String	Currency	<b>Mandatory</b>
5.20.6	Price	Decimal	Baggage price	<b>Mandatory</b>
5.20.7	Origin	String	Origin	<b>Mandatory</b>
5.20.8	Destination	String	Destination	<b>Mandatory</b>
5.21	MealDynamic			
5.21.1	WayType	Enumeration	Way Type	<b>Mandatory</b> [NotSet = 0 Segment = 1 FullJourney = 2]
5.21.2	Code	String	Meal Code	<b>Mandatory</b>



5.21.3	Description	String	Description	<b>Mandatory</b> [NotSet = 0 Included = 1 Direct = 2 Imported = 3 Upgrade = 4 ImportedUpgrade = 5] <i>In case of Included, baggage can be upgraded (if upgrade baggage option exists)</i>  <i>And In case of Direct, baggage can't be upgraded.</i>
5.21.4	AirlineDescription	String	Meal description	<b>Mandatory</b>
5.21.5	Quantity	String	Meal quantity	<b>Mandatory</b>
5.21.6	Price	Decimal	Meal Price	<b>Mandatory</b>
5.21.7	Currency	String	Currency	<b>Mandatory</b>
5.21.8	Origin	String	Origin	<b>Mandatory</b>
5.21.9	Destination	String	Destination	<b>Mandatory</b>

Ticket Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	IsPriceChanged	Boolean	Represents whether price has changed or not	<b>Mandatory</b>
2	IsTimeChanged	Boolean	Represents whether time has changed or not	<b>Mandatory</b>
3	PNR	String	PNR number	<b>Mandatory</b>
4	BookingId	Integer	Unique booking id	<b>Mandatory</b>
5	SSRDenied	String	SSR denied	<b>Mandatory</b>
6	SSRMessage	String	SSR message	<b>Optional</b>
7	FlightItinerary			
7.1	BookingId	Integer	Unique booking id	<b>Mandatory</b>
7.2	PNR	String	PNR no	<b>Mandatory</b>

7.3	IsDomestic	Boolean	Search request is for domestic or international	<b>Mandatory</b>
7.4	Source	String	Airline source	<b>Mandatory</b>
7.5	Origin	String	Origin	<b>Mandatory</b>
7.6	Destination	String	Destination	<b>Mandatory</b>
7.7	AirlineCode	String	Airline code	<b>Mandatory</b>
7.8	ValidatingAirlineCode	String	Validating airline code	<b>Mandatory</b>
7.9	AirlineRemarks	String	Airline remarks	<b>Optional</b>
7.10	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b>
7.11	NonRefundable	Boolean	Is the fare refundable or not	<b>Mandatory</b>
7.12	FareType	String	Fare type	<b>Mandatory</b>
7.13	Fare			
7.13.1	Currency	String	Currency	<b>Mandatory</b>
7.13.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
7.13.3	Tax	Decimal	Total tax	<b>Mandatory</b>
7.13.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
7.13.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
7.13.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
7.13.7	OtherCharges	Decimal	Other charges	<b>Mandatory</b>
7.13.8	ChargeBU[]			
7.13.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
7.13.8.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
7.13.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
7.13.9	Discount	Decimal	Discount	<b>Mandatory</b>
7.13.10	PublishedFare	Decimal	Published fare	<b>Mandatory</b>
7.13.11	CommissionEarned	Decimal	Agent commission	<b>Mandatory</b>
7.13.12	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
7.13.13	IncentiveEarned	Decimal	Incentive applicable	<b>Mandatory</b>

7.13.14	OfferedFare	Decimal	Offered fare	<b>Mandatory</b>
7.13.15	TdsOnCommission	Decimal	TDS on commission	<b>Mandatory</b>
7.13.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
7.13.17	TdsOnIncentive	Decimal	TDS on the incentive	<b>Mandatory</b>
7.13.18	ServiceFee	Decimal	Service fee	<b>Mandatory</b>
7.14	Passenger[]			
7.14.1	PaxID	Integer	Unique pax id	<b>Mandatory</b>
7.14.2	Title	String	Title	<b>Mandatory</b>
7.14.3	FirstName	String	First name	<b>Mandatory</b>
7.14.4	LastName	String	Last name	<b>Mandatory</b>
7.14.5	PaxType	String	Pax type	<b>Mandatory</b>
7.14.6	DateOfBirth	Date Time	Date of birth	<b>Mandatory</b>
7.14.7	Gender	String	Gender	<b>Mandatory</b>
7.14.8	PassportNo	String	Passport no	<b>Optional</b>
7.14.9	PassportExpiry	Date time	Passport expiry	<b>Optional</b>
7.14.10	AddressLine1	String	Address	<b>Mandatory</b>
7.14.11	AddressLine2	String	Address	<b>Optional</b>
7.14.12	City	String	City	<b>Mandatory</b>
7.14.13	CountryCode	String	Country code	<b>Mandatory</b>
7.14.14	CountryName	String	Country name	<b>Mandatory</b>
7.14.15	ContactNo	String	Contact no	<b>Mandatory</b>
7.14.16	Email	String	Email	<b>Mandatory</b>
7.14.17	IsLeadPax	Boolean	Represent the lead guest of the booking	<b>Mandatory</b>
7.14.18	FFAirlineCode	String	Frequent flyer airline	<b>Optional</b>
7.14.19	FFNumber	String	Frequent flyer number	<b>Optional</b>
7.14.20	Fare			
7.14.20.1	Currency	String	Currency	<b>Mandatory</b>
7.14.20.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
7.14.20.3	Tax	Decimal	Total tax	<b>Mandatory</b>
7.14.20.4				

7.14.20.5	YQTax AdditionalTxnFeeOfrd	Decimal Decimal	Fuel surcharge Additional Transaction Fee Offered	<b>Mandatory</b> <b>Mandatory</b> (It will always be zero)
7.14.20.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
7.14.20.7	OtherCharges	Decimal	Other charge	<b>Mandatory</b>
7.14.20.8	ChargeBU[]			
7.14.20.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
7.14.20.8.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
7.14.20.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
7.14.20.9	Discount	Decimal	Discount	<b>Mandatory</b>
7.14.20.10	PublishedFare	Decimal	Published fare	<b>Mandatory</b>
7.14.20.11	CommissionEarned	Decimal	Agent commission	<b>Mandatory</b>
7.14.20.12	PLBEarned	Decimal	Performance linked bonus	<b>Mandatory</b>
7.14.20.13	IncentiveEarned	Decimal	Incentive	<b>Mandatory</b>
7.14.20.14	OfferedFare	Decimal	Offered fare	<b>Mandatory</b>
7.14.20.15	TdsOnCommission	Decimal	TDS on commission	<b>Mandatory</b>
7.14.20.16	TdsOnPLB	Decimal	TDS on Performance linked bonus	<b>Mandatory</b>
7.14.20.17	TdsOnIncentive	Decimal	TDS on incentive	<b>Mandatory</b>
7.14.20.18	ServiceFee	Decimal	Service fee	<b>Mandatory</b>
7.14.21	Baggage[]			
7.14.21.1	WayType	Enumeration	Way type	<b>Mandatory</b>
7.14.21.2	Code	String	Baggage code	<b>Mandatory</b>
7.14.21.3	Description	String	Baggage description	<b>Mandatory</b>
7.14.21.4	Weight	String	Baggage weight	<b>Mandatory</b>
7.14.21.5	Currency	String	Currency	<b>Mandatory</b>
7.14.21.6	Price	Decimal	Baggage price	<b>Mandatory</b>
7.14.21.7	Origin	String	Origin	<b>Mandatory</b>
7.14.21.8	Destination	String	Destination	<b>Mandatory</b>
7.14.22	MealDynamic			
7.14.22.1	WayType	Enumeration	Way type	<b>Mandatory</b>

7.14.22.2	Code	String	Meal code	<b>Mandatory</b>
7.14.22.3	Description	String	Description	<b>Mandatory</b>
7.14.22.4	AirlineDescription	String	Meal description	<b>Mandatory</b>
7.14.22.5	Quantity	String	Meal quantity	<b>Mandatory</b>
7.14.22.6	Price	Decimal	Meal price	<b>Mandatory</b>
7.14.22.7	Currency	String	Currency	<b>Mandatory</b>
7.14.22.8	Origin	String	Origin	<b>Mandatory</b>
7.14.22.9	Destination	String	Destination	<b>Mandatory</b>
7.14.23	Ticket			
7.14.23.1	TicketId	Integer	Unique ticket id	<b>Mandatory</b>
7.14.23.2	TicketNumber	String	Ticket number	<b>Mandatory</b>
7.14.23.3	IssueDate	Date time	Ticket issue date	<b>Mandatory</b>
7.14.23.4	ValidatingAirline	String	Validating airline	<b>Mandatory</b>
7.14.23.5	Remarks	String	Remarks	<b>Mandatory</b>
7.14.23.6	ServiceFeeDisplayType	String	Service fee display type	<b>Mandatory</b>
7.14.23.7	Status	String	Booking Status	<b>Mandatory</b> [NotSet = 0, Successful = 1, Failed = 2, OtherFare = 3, OtherClass = 4, BookedOther = 5, NotConfirmed = 6]
7.14.24	SegmentAdditionalInfo			
7.14.24.1	FareBasis	String	Fare basis	<b>Mandatory</b>
7.14.24.2	NVA	Date Time	Not valid after date	<b>Mandatory</b>
7.14.24.3	NVB	Date Time	Not valid before date	<b>Mandatory</b>
7.14.24.4	Baggage	String	Free baggage allowance	<b>Mandatory</b>
7.14.24.5	Meal	String	Meal	<b>Mandatory</b>
7.15	Segments			
7.15.1	TripIndicator	Integer	Trip indicator	<b>Mandatory</b>
7.15.2	SegmentIndicator	Integer	Segment indicator	<b>Mandatory</b>

7.15.3	Airline			
7.15.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
7.15.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
7.15.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
7.15.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
7.15.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
7.15.4	Origin			
7.15.4.1	Airport			
7.15.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
7.15.4.1.2	AirportName	String	Airport name	<b>Optional</b>
7.15.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
7.15.4.1.4	CityCode	String	City code	<b>Mandatory</b>
7.15.4.1.5	CityName	String	City name	<b>Mandatory</b>
7.15.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
7.15.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
7.15.4.2	DepTime	Date Time	Departure time	<b>Mandatory</b>
7.15.5	Destination			
7.15.5.1	Airport			
7.15.5.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
7.15.5.1.2	AirportName	String	Airport name	<b>Optional</b>
7.15.5.1.3	Terminal	String	Terminal number	<b>Optional</b>
7.15.5.1.4	CityCode	String	City code	<b>Mandatory</b>
7.15.5.1.5	CityName	String	City name	<b>Mandatory</b>
7.15.5.1.6	CountryCode	String	Country code	<b>Mandatory</b>
7.15.5.1.7	CountryName	String	Country name	<b>Mandatory</b>
7.15.5.2	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
7.15.6	AirlinePNR	String	Airline pnr	<b>Optional</b>

7.15.7	AccumulatedDuration	Time	Accumulated duration	<b>Optional</b>
7.15.8	Duration	Time	Duration	<b>Optional</b>
7.15.9	GroundTime	Time	Ground time	<b>Optional</b>
7.15.10	Mile	String	Miles	<b>Optional</b>
7.15.11	StopOver			
7.15.12	StopPoint	String	Stopover point	<b>Optional</b>
7.15.13	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
7.15.14	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
7.15.15	Craft	String	Craft	<b>Optional</b>
7.15.16	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b>
7.15.17	FlightStatus	String	Flight status	<b>Mandatory</b>
7.15.18	Status	String	Flight status code	<b>Mandatory</b>
7.16	FareRules		Fare rules	<b>Mandatory</b>
7.16.1	Origin	String	Origin	<b>Mandatory</b>
7.16.2	Destination	String	Destination	<b>Mandatory</b>
7.16.3	Airline	String	Airline	<b>Mandatory</b>
7.16.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
7.16.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
7.16.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>
7.17	InvoiceNo	String	Invoice no	<b>Mandatory</b>
7.18	InvoiceCreatedOn	String	Invoice created on	<b>Mandatory</b>
7.19	TicketStatus	Enumeration	Ticket status	<b>Mandatory</b> [Failed = 0, Successful = 1, NotSaved = 2, NotCreated = 3, NotAllowed = 4, InProgress = 5, TicketAlreadyCreated = 6, PriceChanged = 8, OtherError = 9]
7.20	Message	String	Message	<b>Optional</b>

For Sample Request and Response: [Click Here](#)

## 17. GETBOOKINGDETAILS

This method is used to retrieve booking details and booking status of an existing booking using BookingId, PNR or TraceId as the search parameter. It is typically used after a booking has been made to capture a current snapshot of the reservation. **If Booking Id is received as 0 then please call GetBookingDetails using Trace id or PNR with First Name and Last Name of the lead passenger.**

Service URL (REST) to be used:

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/GetBookingDetails](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/GetBookingDetails)

GetBookingDetails Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	BookingId	Integer	Unique booking id of the successful booking	<b>Mandatory *</b> (BookingId will always be greater than 0. Either BookingId, PNR or TraceId will be required to retrieve booking details)
4	PNR	String	PNR	<b>Mandatory *</b> ( Either BookingId, PNR or TraceId will be required to retrieve booking details)
5	TraceId	String	Trace Id passed in Book and or Ticket Request	<b>Mandatory *</b> (Either BookingId, PNR or TraceId will be required to retrieve booking details)



GetBookingDetails Response - LCC				
Level	Element	Format	Comments	Mandatory/ Optional
1	FlightItinerary			
1.1	BookingId	Integer	Unique booking id	<b>Mandatory</b>
1.2	PNR	String	PNR no	<b>Mandatory</b>
1.3	IsDomestic	Boolean	Search request is for domestic or international	<b>Mandatory</b>
1.4	Source	String	Airline source	<b>Mandatory</b>
1.5	Origin	String	Origin	<b>Mandatory</b>
1.6	Destination	String	Destination	<b>Mandatory</b>
1.7	AirlineCode	String	Airline code	<b>Mandatory</b>
1.8	ValidatingAirlineCode	String	Validating airline code	<b>Mandatory</b>
1.9	AirlineRemarks	String	Airline remarks	<b>Optional</b>
1.10	AirlineTollFreeNo	String	AirlineTollFreeNo	<b>Optional</b>
1.11	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b>
1.12	NonRefundable	Boolean	Is the fare refundable or not	<b>Mandatory</b>
1.13	FareType	String	Fare type	<b>Mandatory</b>
1.14	Fare			
8.14.1	Currency	String	Currency	<b>Mandatory</b>
8.14.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
8.14.3	Tax	Decimal	Total tax	<b>Mandatory</b>
8.14.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
8.14.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
8.14.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
8.14.7	OtherCharges	Decimal	Other charges	<b>Mandatory</b>
8.14.8	ChargeBU[]			
8.14.8.1	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
8.14.8.2	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
8.14.8.3	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>

8.14.9	Discount	Decimal	Discount	<b>Mandatory</b>
8.14.10	PublishedFare	Decimal	Published fare	<b>Mandatory</b>
8.14.11	CommissionEarned	Decimal	Agent commission	<b>Mandatory</b>
8.14.12	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
8.14.13	IncentiveEarned	Decimal	Incentive applicable	<b>Mandatory</b>
8.14.14	OfferedFare	Decimal	Offered fare	<b>Mandatory</b>
8.14.15	TdsOnCommission	Decimal	TDS on the commission	<b>Mandatory</b>
8.14.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
8.14.17	TdsOnIncentive	Decimal	TDS on the incentive	<b>Mandatory</b>
8.14.18	ServiceFee	Decimal	Service fee	<b>Mandatory</b>
8.15	Passenger			
8.15.1	PaxID	Integer	Unique pax id	<b>Mandatory</b>
8.15.2	Title	String	Title	<b>Mandatory</b>
8.15.3	FirstName	String	First name	<b>Mandatory</b>
8.15.4	LastName	String	Last name	<b>Mandatory</b>
8.15.5	PaxType	String	Pax type	<b>Mandatory</b>
8.15.6	DateOfBirth	Date Time	Date of birth	<b>Mandatory</b>
8.15.7	Gender	String	Gender	<b>Mandatory</b>
8.15.8	PassportNo	String	Passport no	<b>Optional</b>
8.15.9	PassportExpiry	Date time	Passport expiry	<b>Optional</b>
8.15.10	AddressLine1	String	Address	<b>Mandatory</b>
8.15.11	AddressLine2	String	Address	<b>Optional</b>
8.15.12	City	String	City	<b>Mandatory</b>
8.15.13	CountryCode	String	Country code	<b>Mandatory</b>
8.15.14	CountryName	String	Country name	<b>Mandatory</b>
8.15.15	ContactNo	String	Contact no	<b>Mandatory</b>
8.15.16	Email	String	Email	<b>Mandatory</b>
8.15.17	IsLeadPax	Boolean	Represent the lead guest of the booking	<b>Mandatory</b>
8.15.18	FFAirlineCode	String	Frequent flyer airline	<b>Optional *</b>
8.15.19	FFNumber	String	Frequent flyer number	<b>Optional *</b>

8.15.20	Fare			
8.15.20.1	Currency	String	Currency	<b>Mandatory</b>
8.15.20.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
8.15.20.3	Tax	Decimal	Tax	<b>Mandatory</b>
8.15.20.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b> (It will always be zero)
8.15.20.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	
8.15.20.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
8.15.20.7	OtherCharges	Decimal	Other charge	<b>Mandatory</b>
8.15.20.8	ChargeBU[]			
8.15.20.8.1	TBOMarkUp	Decimal	TBO mark-up	<b>Mandatory</b>
8.15.20.8.2	ConvenienceCharge	Decimal	Convenience charge	<b>Mandatory</b>
8.15.20.8.3	OtherCharge	Decimal	Other charge	<b>Mandatory</b>
8.15.20.9	Discount	Decimal	Discount	<b>Mandatory</b>
8.15.20.10	PublishedFare	Decimal	Published fare	
8.15.20.11	CommissionEarned	Decimal	Agent commission	<b>Mandatory</b>
8.15.20.12	PLBEarned	Decimal	Performance linked bonus	<b>Mandatory</b>
8.15.20.13	IncentiveEarned	Decimal	Incentive	
8.15.20.14	OfferedFare	Decimal	Offered fare	<b>Mandatory</b>
8.15.20.15	TdsOnCommission	Decimal	TDS on commission	<b>Mandatory</b>
8.15.20.16	TdsOnPLB	Decimal	TDS on Performance linked bonus	<b>Mandatory</b>
8.15.20.17	TdsOnIncentive	Decimal	TDS on incentive	<b>Mandatory</b>
8.15.20.18	ServiceFee	Decimal	Service fee	<b>Mandatory</b>
8.15.21	Baggage			
8.15.21.1	WayType	Enumeration	Way type	<b>Mandatory</b>
8.15.21.2	Code	String	Baggage code	<b>Mandatory</b>
8.15.21.3	Description	String	Baggage description	
8.15.21.4	Weight	String	Baggage weight	
8.15.21.5	Currency	String	Currency	<b>Mandatory</b>

8.15.21.6	Price	Decimal	Baggage price	<b>Mandatory</b>
8.15.21.7	Origin	String	Origin	<b>Mandatory</b>
8.15.21.8	Destination	String	Destination	<b>Mandatory</b>
8.15.22	MealDynamic			
8.15.22.1	WayType	Enumeration	Way type	<b>Mandatory</b>
8.15.22.2	Code	String	Meal code	<b>Mandatory</b>
8.15.22.3	Description	String	Description	
8.15.22.4	AirlineDescription	String	Meal description	
8.15.22.5	Quantity	String	Meal quantity	<b>Mandatory</b>
8.15.22.6	Price	Decimal	Meal price	<b>Mandatory</b>
8.15.22.7	Currency	String	Currency	<b>Mandatory</b>
8.15.22.8	Origin	String	Origin	<b>Mandatory</b>
8.15.22.9	Destination	String	Destination	<b>Mandatory</b>
8.15.23	Ticket			
8.15.23.1	TicketId	Integer	Unique ticket id	<b>Mandatory</b>
8.15.23.2	TicketNumber	String	Ticket number	<b>Mandatory</b>
8.15.23.3	IssueDate	Date time	Ticket issue date	<b>Mandatory</b>
8.15.23.4	ValidatingAirline	String	Validating airline	<b>Mandatory</b>
8.15.23.5	Remarks	String	Remarks	<b>Mandatory</b>
8.15.23.6	ServiceFeeDisplayType	String	Service fee display type	<b>Mandatory</b>
8.15.23.7	Status	String	Ticket status	<b>Mandatory</b>
8.15.24	SegmentAdditionalInfo			
8.15.24.1	FareBasis	String	Fare basis	<b>Mandatory</b>
8.15.24.2	NVA	Date Time	Not valid after date	<b>Mandatory</b>
8.15.24.3	NVB	Date Time	Not valid before date	<b>Mandatory</b>
8.15.24.4	Baggage	String	Free baggage allowance	<b>Optional</b>
8.15.24.5	Meal	String	Free Meal Detail	<b>Optional</b>
8.16	Segments			
8.16.1	TripIndicator	Integer	Trip indicator	<b>Mandatory</b>
8.16.2	SegmentIndicator	Integer	Segment indicator	<b>Mandatory</b>
8.16.3	Airline			

8.16.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
8.16.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
8.16.3.3	FlightNumber	String	Flight Number	
8.16.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
8.16.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
8.16.4	Origin			
8.16.4.1	Airport			
8.16.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b> <b>Optional</b>
8.16.4.1.2	AirportName	String	Airport name	
8.16.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
8.16.4.1.4	CityCode	String	City code	<b>Mandatory</b> <b>Mandatory</b>
8.16.4.1.5	CityName	String	City name	
8.16.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
8.16.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
8.16.4.2	DepTime	Date Time	Departure time	<b>Mandatory</b>
8.16.5	Destination			
8.16.5.1	Airport			
8.16.5.1.1	AirportCode	String	Airport code	<b>Mandatory</b> <b>Optional</b>
8.16.5.1.2	AirportName	String	Airport name	
8.16.5.1.3	Terminal	String	Terminal number	<b>Optional</b>
8.16.5.1.4	CityCode	String	City code	<b>Mandatory</b> <b>Mandatory</b>
8.16.5.1.5	CityName	String	City name	
8.16.5.1.6	CountryCode	String	Country code	<b>Mandatory</b>
8.16.5.1.7	CountryName	String	Country name	<b>Mandatory</b>
8.16.5.2	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
8.16.6	AirlinePNR	String	Airline pnr	<b>Optional</b>
8.16.7	AccumulatedDuration	Time	Accumulated duration	<b>Optional</b>
8.16.8	Duration	Time	Duration	<b>Optional</b>
8.16.9	GroundTime	Time	Ground time	<b>Optional</b>
8.16.10	Mile	String	Miles	<b>Optional</b>
8.16.11	StopOver			
8.16.12	StopPoint	String	Stopover point	<b>Optional</b>

8.16.13	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
8.16.14	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
8.16.15	Craft	String	Craft	<b>Optional</b>
8.16.16	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b>
8.16.17	FlightStatus	String	Flight status	<b>Mandatory</b>
8.16.18	Status	String	Flight status code	<b>Mandatory</b>
8.17	FareRules		Fare rules	<b>Mandatory</b>
8.17.1	Origin	String	Origin	<b>Mandatory</b>
8.17.2	Destination	String	Destination	<b>Mandatory</b>
8.17.3	Airline	String	Airline	<b>Mandatory</b>
8.17.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
8.17.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
8.17.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>
8.18	InvoiceNo	String	Invoice no	<b>Mandatory</b>
8.19	InvoiceCreatedOn	String	Invoice created on	<b>Mandatory</b>
8.20	Status	Enumeration	Ticket status	<b>Mandatory</b> (please refer this node for the node that ticket has been successfully made
8.21	Message	String	Message	<b>Optional</b>

GetBookingDetails Response – NON LCC				
<b>Level</b>	<b>Element</b>	<b>Format</b>	<b>Comments</b>	<b>Mandatory/ Optional</b>
1	FlightItinerary			
1.1	BookingId	Integer	Unique booking id	<b>Mandatory</b>
1.2	PNR	String	PNR no	<b>Mandatory</b>
1.3	IsDomestic	Boolean	Search request is for domestic or international	<b>Mandatory</b>
1.4	Source	String	Airline source	<b>Mandatory</b>
1.5	Origin	String	Origin	<b>Mandatory</b>
1.6	Destination	String	Destination	<b>Mandatory</b>
1.7	AirlineCode	String	Airline code	<b>Mandatory</b>
1.8	ValidatingAirlineCode	String	Validating airline code	<b>Mandatory</b>

1.9	AirlineRemarks	String	Airline remarks	<b>Optional</b>
1.10	AirlineTollFreeNo	String	AirlineTollFreeNo	<b>Optional</b>
1.11	IsLCC	Boolean	Is the result for LCC or Non LCC	<b>Mandatory</b>
1.12	NonRefundable	Boolean	Is the fare refundable or not	
1.13	FareType	String	Fare type	
1.14	Fare			
8.14.1	Currency	String	Currency	<b>Mandatory</b>
8.14.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
8.14.3	Tax	Decimal	Total tax	<b>Mandatory</b>
8.14.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
8.14.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
8.14.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
8.14.7	OtherCharges	Decimal	Other charges	<b>Mandatory</b>
8.14.7.1	ChargeBU			
8.14.7.2	TBOMarkUp	Decimal	TBO Mark-up	<b>Mandatory</b>
8.14.7.3	ConvenienceCharge	Decimal	Convenience Charge	<b>Mandatory</b>
8.14.8	OtherCharge	Decimal	Other Charge	<b>Mandatory</b>
8.14.9	Discount	Decimal	Discount	<b>Mandatory</b>
8.14.10	PublishedFare	Decimal	Published fare	<b>Mandatory</b>
8.14.11	CommissionEarned	Decimal	Agent commission	<b>Mandatory</b>
8.14.12	PLBEarned	Decimal	Performance Linked Bonus	<b>Mandatory</b>
8.14.13	IncentiveEarned	Decimal	Incentive applicable	<b>Mandatory</b>
8.14.14	OfferedFare	Decimal	Offered fare	<b>Mandatory</b>
8.14.15	TdsOnCommission	Decimal	TDS on the commission	<b>Mandatory</b>
8.14.16	TdsOnPLB	Decimal	TDS on Performance Linked Bonus	<b>Mandatory</b>
8.14.17	TdsOnIncentive	Decimal	TDS on the incentive	<b>Mandatory</b>

8.14.18	ServiceFee	Decimal	Service fee	<b>Mandatory</b>
8.15	Passenger			
8.15.1	PaxID	Integer	Unique pax id	<b>Mandatory</b>
8.15.2	Title	String	Title	<b>Mandatory</b>
8.15.3	FirstName	String	First name	<b>Mandatory</b>
8.15.4	LastName	String	Last name	<b>Mandatory</b>
8.15.5	PaxType	String	Pax type	<b>Mandatory</b>
8.15.6	DateOfBirth	Date Time	Date of birth	<b>Mandatory</b>
8.15.7	Gender	String	Gender	<b>Mandatory</b>
8.15.8	PassportNo	String	Passport no	<b>Optional</b>
8.15.9	PassportExpiry	Date time	Passport expiry	<b>Optional</b>
8.15.10	AddressLine1	String	Address	<b>Mandatory</b>
8.15.11	AddressLine2	String	Address	<b>Optional</b>
8.15.12	City	String	City	<b>Mandatory</b>
8.15.13	CountryCode	String	Country code	<b>Mandatory</b>
8.15.14	CountryName	String	Country name	<b>Mandatory</b>
8.15.15	ContactNo	String	Contact no	<b>Mandatory</b>
8.15.16	Email	String	Email	<b>Mandatory</b>

8.15.17	IsLeadPax	Boolean	Represent the lead guest of the booking	<b>Mandatory</b>
8.15.18	FFAirlineCode	String	Frequent flyer airline	<b>Optional</b>
8.15.19	FFNumber	String	Frequent flyer number	<b>Optional</b>
8.15.20	Fare			
8.15.20.1	Currency	String	Currency	<b>Mandatory</b>
8.15.20.2	BaseFare	Decimal	Base fare	<b>Mandatory</b>
8.15.20.3	Tax	Decimal	Tax	<b>Mandatory</b>
8.15.20.4	YQTax	Decimal	Fuel surcharge	<b>Mandatory</b>
8.15.20.5	AdditionalTxnFeeOfrd	Decimal	Additional Transaction Fee Offered	<b>Mandatory</b> (It will always be zero)
8.15.20.6	AdditionalTxnFeePub	Decimal	Additional Transaction Fee Published	<b>Mandatory</b>
8.15.20.7	OtherCharges	Decimal	Other charge	<b>Mandatory</b>
8.15.20.8	ChargeBU[]			



8.15.20.8.1	TBOMarkUp	Decimal	TBO mark-up	<b>Mandatory</b>
8.15.20.8.2	ConvenienceCharge	Decimal	Convenience charge	<b>Mandatory</b>
8.15.20.8.3	OtherCharge	Decimal	Other charge	<b>Mandatory</b>
8.15.20.9	Discount	Decimal	Discount	<b>Mandatory</b>
8.15.20.10	PublishedFare	Decimal	Published fare	<b>Mandatory</b>
8.15.20.11	CommissionEarned	Decimal	Agent commission	<b>Mandatory</b>
8.15.20.12	PLBEarned	Decimal	Performance linked bonus	<b>Mandatory</b>
8.15.20.13	IncentiveEarned	Decimal	Incentive	
8.15.20.14	OfferedFare	Decimal	Offered fare	<b>Mandatory</b>
8.15.20.15	TdsOnCommission	Decimal	TDS on commission	<b>Mandatory</b>
8.15.20.16	TdsOnPLB	Decimal	TDS on Performance linked bonus	<b>Mandatory</b>
8.15.20.17	TdsOnIncentive	Decimal	TDS on incentive	<b>Mandatory</b>
8.15.20.18	ServiceFee	Decimal	Service fee	<b>Mandatory</b>
8.15.21	SeatPreference			
8.15.21.1	Code	String	Seat code	<b>Optional</b>
8.15.21.3	Description	String	Seat description	<b>Optional</b>
8.15.22	Meal			
8.15.22.1	Code	String	Meal code	<b>Optional</b>
8.15.22.1	Description	String	Meal description	<b>Optional</b>
8.15.23	Ticket			
8.15.23.1	TicketId	Integer	Unique ticket id	<b>Mandatory</b>
8.15.23.2	TicketNumber	String	Ticket number	<b>Mandatory</b>
8.15.23.3	IssueDate	Date time	Ticket issue date	<b>Mandatory</b>
8.15.23.4	ValidatingAirline	String	Validating airline	<b>Mandatory</b>
8.15.23.5	Remarks	String	Remarks	<b>Mandatory</b>
8.15.23.6	ServiceFeeDisplayType	String	Service fee display type	<b>Mandatory</b>
8.15.23.7	Status	String	Ticket status	<b>Mandatory</b>
8.15.24	SegmentAdditionalInfo			

8.15.24.1	FareBasis	String	Fare basis	<b>Mandatory</b>
8.15.24.2	NVA	Date Time	Not valid after date	<b>Mandatory</b>
8.15.24.3	NVB	Date Time	Not valid before date	<b>Mandatory</b>
8.15.24.4	Baggage	String	Free baggage allowance	<b>Optional</b>
8.15.24.5	Meal	String	Free Meal Detail	<b>Optional</b>
8.16	Segments			
8.16.1	TripIndicator	Integer	Trip indicator	<b>Mandatory</b>
8.16.2	SegmentIndicator	Integer	Segment indicator	<b>Mandatory</b>
8.16.3	Airline			
8.16.3.1	AirlineCode	String	Airline code	<b>Mandatory</b>
8.16.3.2	AirlineName	String	Airline name	<b>Mandatory</b>
8.16.3.3	FlightNumber	String	Flight Number	<b>Mandatory</b>
8.16.3.4	FareClass	String	Fare Class	<b>Mandatory</b>
8.16.3.5	OperatingCarrier	String	Operating Carrier	<b>Mandatory</b>
8.16.4	Origin			
8.16.4.1	Airport			
8.16.4.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
8.16.4.1.2	AirportName	String	Airport name	<b>Optional</b>
8.16.4.1.3	Terminal	String	Terminal number	<b>Optional</b>
8.16.4.1.4	CityCode	String	City code	<b>Mandatory</b>
8.16.4.1.5	CityName	String	City name	<b>Mandatory</b>
8.16.4.1.6	CountryCode	String	Country code	<b>Mandatory</b>
8.16.4.1.7	CountryName	String	Country name	<b>Mandatory</b>
8.16.4.2	DepTime	Date Time	Departure time	<b>Mandatory</b>
8.16.5	Destination			
8.16.5.1	Airport			
8.16.5.1.1	AirportCode	String	Airport code	<b>Mandatory</b>
8.16.5.1.2	AirportName	String	Airport name	<b>Optional</b>
8.16.5.1.3	Terminal	String	Terminal number	<b>Optional</b>
8.16.5.1.4	CityCode	String	City code	<b>Mandatory</b>
8.16.5.1.5	CityName	String	City name	<b>Mandatory</b>
8.16.5.1.6	CountryCode	String	Country code	<b>Mandatory</b>

8.16.5.1.7	CountryName	String	Country name	<b>Mandatory</b>
8.16.5.2	ArrTime	Date Time	Arrival time	<b>Mandatory</b>
8.16.6	AirlinePNR	String	Airline pnr	<b>Optional</b>
8.16.7	AccumulatedDuration	Time	Accumulated duration	<b>Optional</b>
8.16.8	Duration	Time	Duration	<b>Optional</b>
8.16.9	GroundTime	Time	Ground time	<b>Optional</b>
8.16.10	Mile	String	Miles	<b>Optional</b>
8.16.11	StopOver			
8.16.12	StopPoint	String	Stopover point	<b>Optional</b>
8.16.13	StopPointArrivalTime	Date Time	Stopover arrival time	<b>Optional</b>
8.16.14	StopPointDepartureTime	Date Time	Stopover departure time	<b>Optional</b>
8.16.15	Craft	String	Craft	<b>Optional</b>
8.16.16	IsETicketEligible	Boolean	Is E-Ticket eligible	<b>Mandatory</b>
8.16.17	FlightStatus	String	Flight status	<b>Mandatory</b>
8.16.18	Status	String	Flight status code	<b>Mandatory</b>
8.17	FareRules		Fare rules	<b>Mandatory</b>
8.17.1	Origin	String	Origin	<b>Mandatory</b>
8.17.2	Destination	String	Destination	<b>Mandatory</b>
8.17.3	Airline	String	Airline	<b>Mandatory</b>
8.17.4	FareBasisCode	String	Fare basis code	<b>Mandatory</b>
8.17.5	FareRuleDetail	String List	Fare rule details	<b>Mandatory</b>
8.17.6	FareRestriction	String	Fare restriction	<b>Mandatory</b>
8.18	InvoiceNo	String	Invoice no	<b>Mandatory</b>
8.19	InvoiceCreatedOn	String	Invoice created on	<b>Mandatory</b>
8.20	TicketStatus	Enumeration	Ticket status	<b>Mandatory</b>
8.21	Message	String	Message	<b>Optional</b>

**For Sample Request and Response: [Click Here](#)**

## 18. CANCEL

This method is used to cancel hold bookings, send change request of Ticketed Booking and get change request status. SendChangeRequest can be sent for full booking cancellation or for partial cancellation (passenger wise cancellation or sector wise cancellation. All TicketId's must be sent in case of full booking cancellation.

### 18.1. **RELEASEPNRREQUEST ()**

This method is used to release Hold Bookings which you do not want to ticket. This method is only valid for **Non Lcc airlines** as after hitting book method only you can call this method when the PNR is not in ticketed status.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/ReleasePNRRequest](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/ReleasePNRRequest)

Release PNR Request				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b>
3	BookingId	Integer	Unique Booking Id	<b>Mandatory</b>
4	Source	String	Airline Sources	<b>Mandatory</b>

Relase PNR Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b>
2	ResponseStatus	Enumeration	Response Status	<b>Mandatory</b> [NotSet = 0, Successfull = 1, Failed = 2, InvalidRequest = 3, InvalidSession = 4, InvalidCredentials = 5]
3	Error			
3.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>

3.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

**For Sample Request and Response:** [Click Here](#)

## 18.2. [SENDCHANGEREQUEST \(\)](#)

This method is used to send change request or cancel a ticketed booking.

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/SendChangeRequest](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/SendChangeRequest)

SendChangeRequest				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>
2	TokenId	String	Token ID	<b>Mandatory</b> (Token Id to be echoed back from Authenticate response)
3	BookingId	Integer	Unique booking id	<b>Mandatory</b>

4	RequestType	Enumeration	Request type	<b>Mandatory</b> Possible values can be - NotSet = 0, FullCancellation = 1, PartialCancellation = 2, Reissuance = 3
	CancellationType	Enumeration	Cancellation type	<b>Mandatory</b> Possible values can be - NotSet = 0, NoShow = 1, FlightCancelled = 2, Others = 3
	Sectors			
	Origin	String	Origin	<b>Mandatory *</b> [Mandatory only in case of partial cancellation]
	Destination	String	Destination	<b>Mandatory *</b> [Mandatory only in case of partial cancellation]
	TicketId	Integer	Ticket Id	<b>Mandatory</b> [ may send multiple comma separated ticket ids)
5	Remarks	String	Remarks for cancelling the booking	<b>Mandatory</b> Remarks for cancelling the booking

SendChangeRequest Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TicketCRInfo			
2	ChangeRequestId	Integer	Unique change request id	<b>Mandatory</b>
3	Status	Enumeration	Status	<b>Mandatory</b>
4	Remarks	String	Change Request Status	<b>Mandatory</b>

5	ResponseStatus	Enumeration	Response status	<b>Mandatory</b> [NotSet = 0, Successfull = 1, Failed = 2, InvalidRequest = 3, InvalidSession = 4, InvalidCredentials = 5]
6	Error			<b>Mandatory</b>
6.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
6.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)

**For Sample Request and Response: [Click Here](#)**

### 18.3. [GETCHANGEREQUESTSTATUS \(\)](#)

This method is used to check the Cancellation status using change request id and also to know cancellation charges and refunded amount. **Refunded Amount, Cancellation Charges and the ServiceTaxOnRAF nodes would be provided in the response only after successful cancellation.**

**A single Change Reequst Id would be generated for each passenger.**

**Service URL (REST) to be used:**

[http://api.tektravels.com/BookingEngineService\\_Air/AirService.svc/rest/GetChangeRequestStatus](http://api.tektravels.com/BookingEngineService_Air/AirService.svc/rest/GetChangeRequestStatus)

Get Change Request Status				
Level	Element	Format	Comments	Mandatory/ Optional
1	EndUserIp	String	IP Address of the end user	<b>Mandatory</b>

2	TokenId	String	Token ID	<b>Mandatory</b>
3	ChangeRequestId	Integer	Unique Change Request Id to be echoed back from Send Change Request response	<b>Mandatory</b>

Get Change Request Status Response				
Level	Element	Format	Comments	Mandatory/ Optional
1	TraceId	String	Trace ID	<b>Mandatory</b>
2	Response Status	Enumeration	Response Status	<b>Mandatory</b> [NotSet = 0, Successfull = 1, Failed = 2, InvalidRequest = 3, InvalidSession = 4, InvalidCredentials = 5]
3	Error			
3.1	ErrorCode	Integer	Code corresponding to the Error	<b>Mandatory</b>
3.2	ErrorMessage	String	Contains error message	<b>Mandatory</b> (Will contain error description corresponding to ErrorCode. Error Message would be blank in case ErrorCode=0)
4	ChangeRequestId	Integer	Unique Change Request Id to be echoed back from Send Change Request response	<b>Mandatory</b>
5	RefundedAmount	Decimal	Refunded Amount	<b>Mandatory</b>
6	CancellationCharge	Decimal	Cancellation Charge	<b>Mandatory</b>
7	ServiceTaxOnRAF	Decimal	Service Tax On RAF	<b>Mandatory</b>



8	ChangeRequestStatus	Enumeration	Change Request Status	<b>Mandatory</b> <i>[NotSet = 0,  Unassigned = 1,  Assigned = 2,  Acknowledged = 3,  Completed = 4,  Rejected = 5,  Closed = 6,  Pending = 7,  Other = 8]</i>
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**For Sample Request and Response:** [Click Here](#)

## 19. SAMPLE REQUEST AND RESPONSE XMLS

### 19.1. **AUTHENTICATE**

#### **Authenticate Request**

```
{
  "ClientId": "ApiIntegration", "UserName":
  "xxxxxx",
  "Password": "xxxxxx@12",
  "EndUserIp": "192.168.11.120"
}
```

#### **Authenticate Response**

```
{
  "Status": 1,
  "TokenId": "705d0324-56eb-48a0-9e8e-bd6ed9f853d5",
```

```
"Error": {
  "ErrorCode": 0,
  "ErrorMessage": ""
},
"Member": {
  "FirstName": "Xxxxx",
  "LastName": "Yyyyyy",
  "Email": "zaassssss@gmail.com",
  "MemberId": 111,
  "AgencyId": 222,
  "LoginName": "username",
  "LoginDetails": "Login Success at#@ 8/14/2013 6:17:22 PM #@ IPAddress:
122.172.106.185",
  "isPrimaryAgent": false
}
}
```

## 19.2. LOGOUT

### Logout Request

```
{
  "ClientId": "ApiIntegration",
  "EndUserIp": "192.168.11.120",
  "TokenAgencyId": 8428,
  "TokenMemberId": 9611,
```

```
"TokenId": "b4d01ea0-6e4d-481b-aff1-ab7983064082"
```

```
}
```

### **LogOut Response**

```
{  
  "Error": {  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "Status": 1  
}
```

## **19.3. GETAGENCYBALANCE**

### **GetAgencyBalance Request**

```
{  
  "ClientId": "ApiIntegration",  
  "EndUserIp": "192.168.11.120",  
  "TokenAgencyId": 8428,  
  "TokenMemberId": 9611,  
  "TokenId": "b4d01ea0-6e4d-481b-aff1-ab7983064082"  
}
```

### **GetAgencyBalance Response**

```
{  
  "AgencyType": 1,  
  "CashBalance": 9973376207,  
  "CreditBalance": 0,  
  "Error": {  
  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "Status": 1  
}
```

#### 19.4. SEARCH ()

##### Search Request

```
{
  "EndUserIp": "192.168.10.10",
  "TokenId": "ac2751e9-4cc3-406f-b678-c947e4f57a00",
  "AdultCount": "1",
  "ChildCount": "0",
  "InfantCount": "0",
  "DirectFlight": "false",
  "OneStopFlight": "false",
  "JourneyType": "1",
  "PreferredAirlines": null,
  "Segments": [
    {
      "Origin": "DEL",
      "Destination": "BOM",
      "FlightCabinClass": "1",
      "PreferredDepartureTime": "2015-11-06T00: 00: 00",
      "PreferredArrivalTime": "2015-11-06T00: 00: 00"
    }
  ],
  "Sources": [
    "6E"
  ]
}
```

**SAMPLE REQUEST FOR RETURN JOURNEY**

```
{
  "AdultCount": 2,
  "ChildCount": 2,
  "InfantCount": 1,
  "IsDomestic": false,
  "DirectFlight": false,
  "OneStopFlight": false,
  "JourneyType": "2",
  "EndUserIp": "59.177.31.111",
  "TokenId": "9b7066e3-3c73-4788-99c6-a727bb2186c6",
  "PreferredAirlines": null,
  "Segments": [{
    "Origin": "DEL",
    "Destination": "DXB",
    "FlightCabinClass": "1",
    "PreferredArrivalTime": "2016-01-20T00:00:00",
    "PreferredDepartureTime": "2016-01-20T00:00:00"
  }, {
    "Origin": "DXB",
    "Destination": "DEL",
    "FlightCabinClass": "1",
    "PreferredArrivalTime": "2016-02-29T00:00:00",
    "PreferredDepartureTime": "2016-02-29T00:00:00"
  }],
  "Sources": null
}
```

**In case of Domestic Return 2 PNR would be generated, one for outbound and another for inbound but in case of Special Return or International Return, only 1 PNR would be generated and that PNR would be valid for both inbound and outbound.**

**Search Response**

```
{
  "Response": {
    "ResponseStatus": 1,
    "Error": {
      "ErrorCode": 0,
      "ErrorMessage": ""
    },
    "TraceId": "742cc856-3d73-4cdd-b267-f0e4484c0984",
    "Origin": "DEL",
    "Destination": "BOM",
    "Results": [
      {
        "ResultIndex": "OB1",
        "Source": 24,
        "IsLCC": true,
        "IsRefundable": true,
        "AirlineRemark": "test",
        "Fare": {
          "Currency": "INR",
          "BaseFare": 5690,
          "Tax": 2186,
          "YQTax": 0,
          "AdditionalTxnFeeOfrd": 0,
          "AdditionalTxnFeePub": 0,

```

```
"OtherCharges": 21.74,  
"ChargeBU": [  
  {  
    "key": "TBOMARKUP",  
    "value": 21.74  
  },  
  {  
    "key": "CONVENIENCECHARGE",  
    "value": 0  
  },  
  {  
    "key": "OTHERCHARGE",  
    "value": 0  
  }  
],  
"Discount": 0,  
"PublishedFare": 7917.74,  
"CommissionEarned": 175.88,  
"PLBEarned": 0,  
"IncentiveEarned": 0,  
"OfferedFare": 7721.86,  
"TdsOnCommission": 35.18,  
"TdsOnPLB": 0,  
"TdsOnIncentive": 0,  
"ServiceFee": 20
```

```
},  
"FareBreakdown": [  
  {  
    "Currency": "INR",  
    "PassengerType": 1,  
    "PassengerCount": 1,  
    "BaseFare": 2345,  
    "Tax": 1093,  
    "YQTax": 0,  
    "AdditionalTxnFeeOfrd": 0,  
    "AdditionalTxnFeePub": 0,  
  },  
  {  
    "Currency": "INR",  
    "PassengerType": 2,  
    "PassengerCount": 1,  
    "BaseFare": 2345,  
    "Tax": 1093,  
    "YQTax": 0,  
    "AdditionalTxnFee": 0  
  },  
  {  
    "Currency": "INR",  
    "PassengerType": 3,  
    "PassengerCount": 1,
```



```
"BaseFare": 1000,

"Tax": 0,

"YQTax": 0,

"AdditionalTxnFee": 0

}

],

"Segments": [

[

{

"TripIndicator": 1,

"SegmentIndicator": 1,

"Airline": {

"AirlineCode": "6E",

"AirlineName": "Indigo",

"FlightNumber": "171",

"FareClass": "L",

"OperatingCarrier": ""

},

"Origin": {

"Airport": {

"AirportCode": "DEL",

"AirportName": "Indira Gandhi Airport",

"Terminal": "",

"CityCode": "DEL",

"CityName": "Delhi",
```

```
"CountryCode": "IN",
"CountryName": "India"
},
"DepTime": "2015-11-06T05:30:00"
},
"Destination": {
  "Airport": {
    "AirportCode": "BOM",
    "AirportName": "Mumbai",
    "Terminal": "",
    "CityCode": "BOM",
    "CityName": "Mumbai",
    "CountryCode": "IN",
    "CountryName": "India"
  },
  "ArrTime": "2015-11-06T07:40:00"
},
"Duration": 130,
"GroundTime": 0,
"Mile": 0,
"StopOver": false,
"StopPoint": "",
"StopPointArrivalTime": "2015-11-06T07:40:00",
"StopPointDepartureTime": "2015-11-06T05:30:00",
"Craft": "",
```

```
        "IsETicketEligible": false,  
        "FlightStatus": "Confirmed",  
        "Status": ""  
    }  
]  
],  
"LastTicketDate": null,  
"TicketAdvisory": null,  
"FareRules": [  
    {  
        "Origin": "DEL",  
        "Destination": "BOM",  
        "Airline": "6E",  
        "FareBasisCode": "L",  
        "FareRuleDetail": "",  
        "FareRestriction": ""  
    }  
],  
"AirlineCode": "6E",  
"ValidatingAirline": "6E"  
},  
{  
    "ResultIndex": "OB7",  
    "Source": 24,  
    "IsLCC": true,
```

```
"IsRefundable": true,
"AirlineRemark": "test",
"Fare": {
  "Currency": "INR",
  "BaseFare": 6566,
  "Tax": 2248,
  "YQTax": 0,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 0,
  "OtherCharges": 25.8,
  "ChargeBU": [
    {
      "key": "TBOMARKUP",
      "value": 25.8
    },
    {
      "key": "CONVENIENCECHARGE",
      "value": 0
    },
    {
      "key": "OTHERCHARGE",
      "value": 0
    }
  ],
  "Discount": 0,
```

```
"PublishedFare": 8859.8,
"CommissionEarned": 208.72,
"PLBEarned": 0,
"IncentiveEarned": 0,
"OfferedFare": 8631.08,
"TdsOnCommission": 41.74,
"TdsOnPLB": 0,
"TdsOnIncentive": 0,
"ServiceFee": 20
},
"FareBreakdown": [
  {
    "Currency": "INR",
    "PassengerType": 1,
    "PassengerCount": 1,
    "BaseFare": 2783,
    "Tax": 1124,
    "YQTax": 0,
    "AdditionalTxnFeeOfrd": 0,
    "AdditionalTxnFeePub": 0,
  },
  {
    "Currency": "INR",
    "PassengerType": 2,
    "PassengerCount": 1,
```

```
"BaseFare": 2783,
"Tax": 1124,
"YQTax": 0,
"AdditionalTxnFee": 0
},
{
  "Currency": "INR",
  "PassengerType": 3,
  "PassengerCount": 1,
  "BaseFare": 1000,
  "Tax": 0,
  "YQTax": 0,
  "AdditionalTxnFee": 0
}
],
"Segments": [
  [
    {
      "TripIndicator": 1,
      "SegmentIndicator": 1,
      "Airline": {
        "AirlineCode": "6E",
        "AirlineName": "Indigo",
        "FlightNumber": "665",
        "FareClass": "J",
```

```
"OperatingCarrier": ""
},
"Origin": {
  "Airport": {
    "AirportCode": "DEL",
    "AirportName": "Indira Gandhi Airport",
    "Terminal": "",
    "CityCode": "DEL",
    "CityName": "Delhi",
    "CountryCode": "IN",
    "CountryName": "India"
  },
  "DepTime": "2015-11-06T21:30:00"
},
"Destination": {
  "Airport": {
    "AirportCode": "BOM",
    "AirportName": "Mumbai",
    "Terminal": "",
    "CityCode": "BOM",
    "CityName": "Mumbai",
    "CountryCode": "IN",
    "CountryName": "India"
  },
  "ArrTime": "2015-11-06T23:35:00"
```

```
    },  
    "Duration": 125,  
    "GroundTime": 0,  
    "Mile": 0,  
    "StopOver": false,  
    "StopPoint": "",  
    "StopPointArrivalTime": "2015-11-06T23:35:00",  
    "StopPointDepartureTime": "2015-11-06T21:30:00",  
    "Craft": "",  
    "IsETicketEligible": false,  
    "FlightStatus": "Confirmed",  
    "Status": ""  
  }  
]  
],  
"LastTicketDate": null,  
"TicketAdvisory": null,  
"FareRules": [  
  {  
    "Origin": "DEL",  
    "Destination": "BOM",  
    "Airline": "6E",  
    "FareBasisCode": "J",  
    "FareRuleDetail": "",  
    "FareRestriction": ""
```



```
    }  
  ],  
  "AirlineCode": "6E",  
  "ValidatingAirline": "6E"  
}  
]  
]  
}  
}
```

### 19.5. PRICERBD()

#### PriceRBD Request

```
{  
  "AdultCount": "1",  
  "ChildCount": "1",  
  "InfantCount": "1",  
  "EndUserIp": "192.168.10.130", "TokenId": "60390ee5-147f-46b6-a666-f6a0faea6156",  
  "TraceId": "8dccf7e6-2890-478b-964a-b12b1d85c75f",  
  "AirSearchResult": [  
    {  
      "ResultIndex": "OB1",  
      "Source": 4,  
      "IsLCC": false,  
      "IsRefundable": true,  
      "AirlineRemark": "",
```

```
"Segments": [  
  [  
    {  
      "TripIndicator": 1,  
      "SegmentIndicator": 1,  
      "Airline": {  
        "AirlineCode": "AI",  
        "AirlineName": "Air India",  
        "FlightNumber": "349",  
        "FareClass": "C",  
        "OperatingCarrier": ""  
      }  
    }  
  ]  
]
```

### **PriceRBD Response**

```
{  
  "Response": {  
    "ResponseStatus": 1,  
    "Error": {  
      "ErrorCode": 0,  

```

```
"ErrorMessage": ""
},
"TraceId": "8dccf7e6-2890-478b-964a-b12b1d85c75f",
"Origin": "DEL",
"Destination": "BOM",
"IsPriced": true,
"Results": [
  [
    {
      "ResultIndex": "OB1",
      "Source": 4,
      "IsLCC": false,
      "IsRefundable": true,
      "AirlineRemark": "",
      "Fare": {
        "Currency": "INR",
        "BaseFare": 47725,
        "Tax": 12050,
        "TransactionFee": 5362.5,
        "YQTax": 5900,
        "AdditionalTxnFeeOfrd": 0,
        "AdditionalTxnFeePub": 0,
        "OtherCharges": 847.45,
        "ChargeBU": [
```

```
{
  "key": "TBOMARKUP",
  "value": 697.45
},
{
  "key": "CONVENIENCECHARGE",
  "value": 30
},
{
  "key": "OTHERCHARGE",
  "value": 120
}
],
"Discount": 0,
"PublishedFare": 65984.95,
"PLBEarned": 2162.22,
"IncentiveEarned": 1801.85,
"OfferedFare": 60342.13,
"TdsOnCommission": 335.75,
"TdsOnPLB": 432.44,
"TdsOnIncentive": 360.37,
"ServiceFee": 0
},
"FareBreakdown": [
```

```
{
  "Currency": "INR",
  "PassengerType": 1,
  "PassengerCount": 1,
  "BaseFare": 31150,
  "Tax": 6637,
  "YQTax": 2950,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 0
},
{
  "Currency": "INR",
  "PassengerType": 2,
  "PassengerCount": 1,
  "BaseFare": 15575,
  "Tax": 5329,
  "YQTax": 2950,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 0
},
{
  "Currency": "INR",
  "PassengerType": 3,
  "PassengerCount": 1,
  "BaseFare": 1000,
```

```
"Tax": 84,
"YQTax": 0,
"AdditionalTxnFeeOfrd": 0,
"AdditionalTxnFeePub": 0
}
],
"Segments": [
[
{
"TripIndicator": 1,
"SegmentIndicator": 1,
"Airline": {
"AirlineCode": "AI",
"AirlineName": "Air India",
"FlightNumber": "349",
"FareClass": "C",
"OperatingCarrier": ""
},
"Origin": {
"Airport": {
"AirportCode": "DEL",
"AirportName": "Indira Gandhi Airport",
"Terminal": "3",
"CityCode": "DEL",
"CityName": "Delhi",
```

```
"CountryCode": "IN",
"CountryName": "India"
},
"DepTime": "2015-10-14T03:15:00"
},
"Destination": {
  "Airport": {
    "AirportCode": "BOM",
    "AirportName": "Mumbai",
    "Terminal": "2",
    "CityCode": "BOM",
    "CityName": "Mumbai",
    "CountryCode": "IN",
    "CountryName": "India"
  },
  "ArrTime": "2015-10-14T05:25:00"
},
"Duration": 130,
"GroundTime": 0,
"Mile": 0,
"StopOver": false,
"StopPoint": "",
"StopPointArrivalTime": "2015-10-14T05:25:00",
"StopPointDepartureTime": "2015-10-14T03:15:00",
```

```
        "Craft": "788",
        "IsETicketEligible": true,
"FlightStatus": "NotSet",
        "Status": ""
    }
]
],
"LastTicketDate": "01Oct15",
"TicketAdvisory": null,
"FareRules": [
    {
        "Origin": "DEL",
```



```
        "Destination": "BOM",
        "Airline": "AI",
        "FareBasisCode": "C",
        "FareRuleDetail": null,
        "FareRestriction": null
    }
],
    "AirlineCode": "AI",
    "ValidatingAirline": "AI"
}
]
}
}
```

## 19.6. GETCALENDARFARE ()

### GetCalendarFare Request

```
{
    "JourneyType": "1",
    "EndUserIp": "192.168.10.36",
    "TokenId": "ebf966ff-9e72-4fc2-a63d-2236a91f7152",
    "PreferredAirlines": null,
    "Segments": [ {
```

```
"Origin": "DEL",  
"Destination": "BOM",  
"FlightCabinClass": "1",  
"PreferredDepartureTime": "2016-10-02T00:00:00",  
}  
],  
"Sources": null  
}
```

### **GetCalendarFare Response**

```
{"Response": {  
  "ResponseStatus": 1,  
  "Error": {  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "TraceId": "bec81122-e673-4aad-b7c1-3caa68de43f6",  
  "Origin": "DEL",  
  "Destination": "BOM",  
  "SearchResults": [ {  
    "AirlineCode": "SG",  
    "AirlineName": "Spicejet",  
    "DepartureDate": "02-10-2016 19:45:00",  
    "IsLowestFare": true,
```

```
"BaseFare": 3577.93,  
"Tax": 970,  
"OtherCharges": 54.34,  
"FuelSurcharge": 0  
}  
}
```

### 19.7. UPDATECALENDARFAREOFDAY ()

#### **UpdateCalendarFareOfDay Request**

```
{  
  "JourneyType": "1",  
  "EndUserIp": "192.168.10.36",  
  "TokenId": "ebf966ff-9e72-4fc2-a63d-2236a91f7152",  
  "PreferredAirlines": null,  
  "Segments": [ {  
    "Origin": "DEL",  
    "Destination": "BOM",  
    "FlightCabinClass": "1",  
    "PreferredDepartureTime": "2016-10-02T00:00:00",  
  }  
],  
  "Sources": null  
}
```

**UpdateCalendarFareOfDay Response**

```
{"Response": {  
  "ResponseStatus": 1,  
  "Error": {  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "TraceId": "bec81122-e673-4aad-b7c1-3caa68de43f6",  
  "Origin": "DEL",  
  "Destination": "BOM",  
  "SearchResults": [ {  
    "AirlineCode": "SG",  
    "AirlineName": "Spicejet",  
    "DepartureDate": "02-10-2016 19:45:00",  
    "BaseFare": 3577.93,  
    "Tax": 970,  
    "OtherCharges": 54.34,  
    "FuelSurcharge": 0  
  }  
}]  
}}
```

**19.8. FARERULE ()****FareRule Request**

```
{  
  "EndUserIp": "192.168.11.58",  
  "TokenId": "604d4f5a-283e-4c42-8bbc-09e92934f81d",  
  "TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00",  
  "ResultIndex": "OB7"  
}
```

**FareRule Response**

```
{"Response": {  
  "Error": {  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "FareRules": [ {  
    "Airline": "6E",  
    "Destination": "BOM",  
    "FareBasisCode": "M",  
    "FareRestriction": null,  
    "FareRuleDetail": "Fare rules for 6E",  
    "Origin": "DEL"  
  }],  
  "ResponseStatus": 1,  
  "TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00"  
}}
```

### 19.9. FAREQUOTE ()

#### **FareQuote Request**

```
{  
  "EndUserIp": "192.168.11.58",  
  "TokenId": "604d4f5a-283e-4c42-8bbc-09e92934f81d",  
  "TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00",  
  "ResultIndex": "OB7"  
}
```

#### **FareQuote Response**

```
{"Response": {  
  "Error": {  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "IsPriceChanged": false,  
  "ResponseStatus": 1,  
  "Results": {  
    "ResultIndex": "OB20",  
    "Source": 6,  
    "IsLCC": true,  
    "IsRefundable": true,  
    "AirlineRemark": "test7",  
    "Fare": {  
      "Currency": "INR",
```

```
"BaseFare": 9700,
"Tax": 2534,
"YQTax": 0,
"AdditionalTxnFeeOfrd": 0,
"AdditionalTxnFeePub": 0,
"OtherCharges": 572.67,
"ChargeBU": [
  {
    "key": "TBOMARKUP",
    "value": 172.67
  },
  {
    "key": "CONVENIENCECHARGE",
    "value": 0
  },
  {
    "key": "OTHERCHARGE",
    "value": 400
  }
],
"Discount": 0,
"PublishedFare": 12826.67,
"CommissionEarned": 522,
"PLBEarned": 466.14,
"IncentiveEarned": 408.9,      "OfferedFare": 11409.63,
```

```
"TdsOnCommission": 104.4,  
"TdsOnPLB": 93.23,  
"TdsOnIncentive": 81.78,  
"ServiceFee": 20
```

```
},
```

```
"FareBreakdown": [
```

```
{
```

```
"Currency": "INR",
```

```
"PassengerType": 1,
```

```
"PassengerCount": 1,
```

```
"BaseFare": 4350,
```

```
"Tax": 1267,
```

```
"YQTax": 0,
```

```
"AdditionalTxnFeeOfrd": 0,
```

```
"AdditionalTxnFeePub": 0,
```

```
},
```

```
{
```

```
"Currency": "INR",
```

```
"PassengerType": 2,
```

```
"PassengerCount": 1,
```

```
"BaseFare": 4350,
```

```
"Tax": 1267,
```

```
"YQTax": 0,
```

```
"AdditionalTxnFee": 0
```

```
},
```



```
{
  "Currency": "INR",
  "PassengerType": 3,
  "PassengerCount": 1,
  "BaseFare": 1000,
  "Tax": 0,
  "YQTax": 0,
  "AdditionalTxnFee": 0
},
"Segments": [
  {
    "TripIndicator": 1,
    "SegmentIndicator": 1,
    "Airline": {
      "AirlineCode": "6E",
      "AirlineName": "Indigo",
      "FlightNumber": "175",
      "FareClass": "M",
      "OperatingCarrier": ""
    },
    "Origin": {
      "Airport": {
        "AirportCode": "DEL",
        "AirportName": "Indira Gandhi Airport",
        "CityCode": "DEL",
        "Terminal": "3",

```

```
"CityName": "Delhi",  
"CountryCode": "IN",  
"CountryName": "India"  
},  
"DepTime": "2015-11-06T12:55:00"  
},  
"Destination": {  
  "Airport": {  
    "AirportCode": "BOM",  
    "AirportName": "Mumbai",  
    "Terminal": "1B",  
    "CityCode": "BOM",  
    "CityName": "Mumbai",  
    "CountryCode": "IN",  
    "CountryName": "India"  
  },  
  "ArrTime": "2015-11-06T15:25:00"  
},  
"Duration": 150,  
"GroundTime": 0,  
"Mile": 0,  
"StopOver": false,  
"StopPoint": "", "StopPointArrivalTime": "2015-11-06T15:25:00",  
"StopPointDepartureTime": "2015-11-06T12:55:00",  
"Craft": "320",
```

```
"IsETicketEligible": true,
"FlightStatus": "Confirmed",
"Status": ""
}],
"LastTicketDate": null,
"TicketAdvisory": null,
"FareRules": [  {
  "Origin": "DEL",
  "Destination": "BOM",
  "Airline": "6E",
  "FareBasisCode": "M",
  "FareRuleDetail": "",
  "FareRestriction": ""
}],
"AirlineCode": "6E",
"ValidatingAirline": "6E"
},
"TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00"
}}
```

#### 19.10. [SSR \(\)](#)

##### **SSR Request**

```
{
```

```
"EndUserIp": "192.168.11.58",  
"TokenId": "604d4f5a-283e-4c42-8bbc-09e92934f81d",  
"TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00",  
"ResultIndex": "OB7"  
}
```

### **SSR Response for LCC**

```
{"Response": {  
  "Baggage": [ [  
    {  
      "WayType": 2,  
      "Code": "No Baggage",  
      "Description": 2,  
      "Weight": 0,  
      "Currency": "INR",  
      "Price": 0,  
      "Origin": "DEL",  
      "Destination": "BOM"  
    },  
    {  
      "WayType": 2,  
      "Code": "XBPA",  
      "Description": 2,  
      "Weight": 5,  
      "Currency": "INR",  
      "Price": 1000,
```

```
"Origin": "DEL ",
"Destination": "BOM"
},
{
  "WayType": 2,
  "Code": "XBPB",
  "Description": 2,
  "Weight": 10,
  "Currency": "INR",
  "Price": 1750,
  "Origin": "DEL ",
  "Destination": "BOM"
},
{
  "WayType": 2,
  "Code": "XBPC",
  "Description": 2,
  "Weight": 15,
  "Currency": "INR",
  "Price": 2250,
  "Origin": "DEL ", "Destination": "BOM"
},
{
  "WayType": 2,
  "Code": "XBPD",
```

```
"Description": 2,
"Weight": 30,
"Currency": "INR",
"Price": 3750,
"Origin": "DEL ",
"Destination": "BOM"
}
]],
"Error": {
  "ErrorCode": 0,
  "ErrorMessage": ""
},
"MealDynamic": [ [
  {
    "WayType": 2,
    "Code": "No Meal",
    "Description": 2,
    "AirlineDescription": "",
    "Quantity": 0,
    "Price": 0,
    "Currency": "INR",
    "Origin": "DEL ",
    "Destination": "BOM"
  },
  {
```

```
"WayType": 2,
"Code": "VGML",
"Description": 2,
"AirlineDescription": "VEG MEAL",
"Quantity": 1,
"Price": 250,
"Currency": "INR",
"Origin": "DEL",
"Destination": "BOM"
},
{
  "WayType": 2,
  "Code": "NVML",
  "Description": 2,
  "AirlineDescription": "NON-VEG MEAL",
  "Quantity": 1,
  "Price": 250,
  "Currency": "INR",
  "Origin": "DEL",
  "Destination": "BOM"
}
],
"ResponseStatus": 1,
"TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00"
}}
```

**SSR Response for NON LCC**

```
{"Response": {  
  "Error": {  
    "ErrorCode": 0,  
    "ErrorMessage": ""  
  },  
  "Meal": [  
    {  
      "Code": "AVML",  
      "Description": "Asian - Vegetarian"  
    },  
    {  
      "Code": "BBML",  
      "Description": "Baby/Infant Food"  
    },  
    {  
      "Code": "BLML",  
      "Description": "Bland"  
    },  
    {  
      "Code": "CHML",  
      "Description": "Child Food"  
    },  
    {  
      "Code": "DBML",
```



```
"Description": "Diabetic"
},
{
  "Code": "FPML",
  "Description": "Fruit Platter"
},
{
  "Code": "GFML",
  "Description": "Gluten Free"
},
{
  "Code": "HFML",
  "Description": "High Fiber"
},
{
  "Code": "HNML",
  "Description": "Hindu - Non Veg"
},
{
  "Code": "KSML",
  "Description": "Kosher"
},
{
  "Code": "LCML",
  "Description": "Low Calorie"
```

```
},  
  
  {  
  
    "Code": "LFML",  
  
    "Description": "Low Cholesterol/Fat"  
  
  },  
  
  {  
  
    "Code": "LPML",  
  
    "Description": "Low Protein"  
  
  },  
  
  {  
  
    "Code": "LSML",  
  
    "Description": "Low Sodium/No Salt"  
  
  },  
  
  {  
  
    "Code": "MOML",  
  
    "Description": "Moslem"  
  
  },  
  
  {  
  
    "Code": "NLML",  
  
    "Description": "Non Lactose"  
  
  },  
  
  {  
  
    "Code": "ORML",  
  
    "Description": "Oriental"  
  
  },  
  
}
```

```
{
  "Code": "PRML",
  "Description": "Low Purin"
},
{
  "Code": "RVML",
  "Description": "Raw Vegetarian"
},
{
  "Code": "SFML",
  "Description": "Seafood"
},
{
  "Code": "SPML",
  "Description": "Special Meal"
},
{
  "Code": "VGML",
  "Description": "Veg/Non Dairy"
},
{
  "Code": "VJML",
  "Description": "Vegetarian Jain"
},
{
```

```
"Code": "VLML",
"Description": "Veg/Milk/Eggs"
},
{
"Code": "VOML",
"Description": "Vegetarian Oriental"
}
],
"ResponseStatus": 1,
"SeatPreference": [
{
"Code": "A",
"Description": "Aisle"
},
{
"Code": "W",
"Description": "Window"
}
],
"TraceId": "2aa52fe7-705f-40a2-896e-5384c0c0db06"
}}
```

### 19.11. [BOOK \(\)](#)

#### **Book Request**

```
{
"EndUserIp": "192.168.11.58",
"TokenId": "5d667e62-1c57-4a17-b427-82fbf64dbf3f",
```

"TraceId": "24f13874-21c5-45d4-974b-92dccbc40fbf",

"ResultIndex": "OB2",

"Passengers": [

{

"Title": "Mr",

"FirstName": "BICVHYCLG",

"LastName": "gupta",

"PaxType": 2,

"DateOfBirth": "2012-12-06T00:00:00",

"Gender": 1,

"PassportNo": "KJHHJKHKJH",

"PassportExpiry": "2020-12-06T00:00:00",

"AddressLine1": "123, Test",

"AddressLine2": "",

"City": "Gurgaon",

"CountryCode": "IN",

"CountryName": "India",

"ContactNo": "9879879877",

"Email": "harsh@tbtq.in",

"IsLeadPax": true,

"FFAirline": "",

"FFNumber": "",

"Fare": {

"BaseFare": 1,

"Tax": 1,

```
"TransactionFee": 1,

"YQTax": 1,

"AdditionalTxnFeeOfrd": 0,

"AdditionalTxnFeePub": 1,

"AirTransFee": 1

},

"Meal": {

  "Code": "AVML",

  "Description": "Asian - Vegetarian"

},

"Seat": {

  "Code": "A",

  "Description": "Aisle"

}

},

{

  "Title": "Mr",

  "FirstName": "BICVHYCLG",

  "LastName": "Singh",

  "PaxType": 1,

  "DateOfBirth": "2002-12-06T00:00:00",

  "Gender": 1,

  "PassportNo": "KJHHJKHKJH",

  "PassportExpiry": "2020-12-06T00:00:00",

  "AddressLine1": "123, Test",
```

```
"AddressLine2": "",
"City": "Gurgaon",
"CountryCode": "IN",
"CountryName": "India",
"ContactNo": "9879879877",
"Email": "harsh@tbtq.in",
"IsLeadPax": true,
"FFAirline": "",
"FFNumber": "",
"Fare": {
  "BaseFare": 1,
  "Tax": 1,
  "TransactionFee": 1,
  "YQTax": 1,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 1,
  "AirTransFee": 1
},
"Meal": {
  "Code": "AVML",
  "Description": "Asian - Vegetarian"
},
"Seat": {
  "Code": "A",
  "Description": "Aisle"
```

```
}  
,  
{  
  "Title": "Mr",  
  "FirstName": "fgddf",  
  "LastName": "Singh",  
  "PaxType": 3,  
  "DateOfBirth": "2013-12-06T00:00:00",  
  "Gender": 1,  
  "PassportNo": "KJHHJKHKJH",  
  "PassportExpiry": "2020-12-06T00:00:00",  
  "AddressLine1": "123, Test",  
  "AddressLine2": "",  
  "City": "Gurgaon",  
  "CountryCode": "IN",  
  "CountryName": "India",  
  "ContactNo": "9879879877",  
  "Email": "harsh@tbtq.in",  
  "IsLeadPax": true,  
  "FFAirline": "",  
  "FFNumber": "",  
  "Fare": {  
    "BaseFare": 1,  
    "Tax": 1,  
    "AdditionalTxnFeeOfrd": 0,
```



```
        "AdditionalTxnFeePub": 1,  
        "YQTax": 1,  
        "AdditionalTxnFee": 1,  
        "AirTransFee": 1  
    }  
}  
]  
}
```

### **Book Response**

```
{  
  "Response": {  
    "Error": {  
      "ErrorCode": 0,  
      "ErrorMessage": ""  
    },  
    "Response": {  
      "PNR": "5UM3TP",      "BookingId": 1301907,  
      "SSRDenied": false,  
      "SSRMessage": null,  
      "Status": 5,  
      "IsPriceChanged": false,  
      "IsTimeChanged": false,  
      "FlightItinerary": {
```

```
"BookingId": 1301907,  
"PNR": "5UM3TP",  
"IsDomestic": false,  
"Source": 4,  
"Origin": "DEL",  
"Destination": "AMS",  
"AirlineCode": "LH",  
"ValidatingAirlineCode": "LH",  
"AirlineRemark": "",  
"IsLCC": false,  
"NonRefundable": false,  
"FareType": "RP",  
"Fare": {  
  "Currency": "INR",  
  "BaseFare": 34705,  
  "Tax": 36748,  
  "YQTax": 23466,          "AdditionalTxnFeeOfrd": 0,  
  "AdditionalTxnFeePub": 1,  
  "OtherCharges": 632.82,  
  "ChargeBU": [  
    {  
      "key": "TBOMARKUP",  
      "value": 512.82  
    },  
  ],  
}
```

```
{
  "key": "CONVENIENCECHARGE",
  "value": 60
},
{
  "key": "OTHERCHARGE",
  "value": 60
}
],
"Discount": 0,
"PublishedFare": 72185.82,
"CommissionEarned": 2360.25,
"PLBEarned": 1184.42,
"IncentiveEarned": 604.29,
"OfferedFare": 67936.86,
"TdsOnCommission": 0,
"TdsOnPLB": 0,
"TdsOnIncentive": 0,
"ServiceFee": 100
},
"Passenger": [
  {
    "PaxId": 1785235,
    "Title": "Mr",
```

```
"FirstName": "BICVHYCLG",
"LastName": "gupta",
"PaxType": 2,
"DateOfBirth": "2012-12-06T00:00:00",
"Gender": 1,
"PassportNo": "KJHHJKHKJH",
"PassportExpiry": "12/6/2020 12:00:00 AM",
"AddressLine1": "123, Test",
"AddressLine2": "",
"Fare": {
  "Currency": "INR",
  "BaseFare": 14005,
  "Tax": 18186,
  "YQTax": 11733,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 0,
  "OtherCharges": 281.13,
  "ChargeBU": [
    {
      "key": "TBOMARKUP",
      "value": 221.13
    },
    {
      "key": "CONVENIENCECHARGE",
      "value": 30
    }
  ]
}
```

```
    },  
    {  
      "key": "OTHERCHARGE",  
      "value": 30  
    }  
  ],  
  "Discount": 0,  
  "PublishedFare": 32522.13,  
  "CommissionEarned": 1020.35,  
  "PLBEarned": 509,  
  "IncentiveEarned": 259.69,  
  "OfferedFare": 30683.09,  
  "TdsOnCommission": 0,  
  "TdsOnPLB": 0,  
  "TdsOnIncentive": 0,  
  "ServiceFee": 50  
},  
"City": "Gurgaon",  
"CountryCode": "IN",  
"CountryName": "India",  
"Nationality": "IN",  
"ContactNo": "9879879877",  
"Email": "harsh@tbtq.in",  
"IsLeadPax": true,
```

```
"FFAirlineCode": null,
"FFNumber": "",
"Meal": {
  "Code": "AVML",
  "Description": "Asian - Vegetarian"
},
"Seat": {
  "Code": "A",
  "Description": "Aisle"
}
},
{
  "PaxId": 1785236,
  "Title": "Mr",
  "FirstName": "BICVHYCLG",
  "LastName": "Singh",
  "PaxType": 1,
  "DateOfBirth": "2002-12-06T00:00:00",
  "Gender": 1,
  "PassportNo": "KJHHJKHKJH",
  "PassportExpiry": "12/6/2020 12:00:00 AM",
  "Fare": {
    "Currency": "INR",
    "BaseFare": 18570,
    "Tax": 18442,
```

```
"YQTax": 11733,  
"AdditionalTxnFeeOfrd": 0,  
"AdditionalTxnFeePub": 0,  
"OtherCharges": 351.69,  
"ChargeBU": [  
  {  
    "key": "TBOMARKUP",  
    "value": 291.69  
  },  
  {  
    "key": "CONVENIENCECHARGE",  
    "value": 30  
  },  
  {  
    "key": "OTHERCHARGE",  
    "value": 30  
  }  
],  
"Discount": 0,  
"PublishedFare": 37413.69,  
"CommissionEarned": 1339.9,  
"PLBEarned": 675.42,  
"IncentiveEarned": 344.6,  
"OfferedFare": 35003.77,
```

```
    "TdsOnCommission": 0,
    "TdsOnPLB": 0,
    "TdsOnIncentive": 0,
    "ServiceFee": 50
  },
  "City": "Gurgaon",
  "CountryCode": "IN",
  "CountryName": "India",
  "Nationality": "IN",
  "IsLeadPax": true,
  "FFAirlineCode": null,
  "FFNumber": "",
  "Meal": {
    "Code": "AVML",
    "Description": "Asian - Vegetarian"
  },
  "Seat": {
    "Code": "A",
    "Description": "Aisle"
  }
},
{
  "PaxId": 1785237,
  "Title": "",
```



```
"FirstName": "fgddf",
"LastName": "Singh",
"PaxType": 3,
"DateOfBirth": "2013-12-06T00:00:00",
"Gender": 1,
"PassportNo": "KJHHJKHKJH",
"PassportExpiry": "12/6/2020 12:00:00 AM",
"Fare": {
  "Currency": "INR",
  "BaseFare": 2130,
  "Tax": 120,
  "YQTax": 0,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 0, "OtherCharges": 0,
  "ChargeBU": [
    {
      "key": "TBOMARKUP",
      "value": 0
    },
    {
      "key": "CONVENIENCECHARGE",
      "value": 0
    },
    {
```

```
        "key": "OTHERCHARGE",
        "value": 0
    }
],
    "Discount": 0,
    "PublishedFare": 2250,
    "CommissionEarned": 0,
    "PLBEarned": 0,
    "IncentiveEarned": 0,
    "OfferedFare": 2250,
    "TdsOnCommission": 0,
    "TdsOnPLB": 0,
    "TdsOnIncentive": 0,
    "ServiceFee": 0
},
    "City": "Gurgaon",
    "CountryCode": "IN",
    "CountryName": "India",
    "Nationality": "IN",
    "IsLeadPax": true,
    "FFAirlineCode": null,
    "FFNumber": ""
}
],
```

```
"Segments": [  
  {  
    "TripIndicator": 1,  
    "SegmentIndicator": 1,  
    "Airline": {  
      "AirlineCode": "LH",  
      "AirlineName": "Lufthansa",  
      "FlightNumber": "763",  
      "FareClass": "S",  
      "OperatingCarrier": "LH"  
    },  
    "AirlinePNR": "",  
    "Origin": {  
      "Airport": {  
        "AirportCode": "DEL",  
        "AirportName": "Indira Gandhi Airport",  
        "Terminal": "3",  
        "CityCode": "DEL",  
        "CityName": "Delhi",  
        "CountryCode": "IN",  
        "CountryName": "India"  
      },  
      "DepTime": "2015-10-18T00:45:00"  
    },  
  },  
]
```

```
"Destination": {  
  "Airport": {  
    "AirportCode": "MUC",  
    "AirportName": "Franz Josef Strauss",  
    "Terminal": "2",  
    "CityCode": "MUC",  
    "CityName": "Munich",  
    "CountryCode": "DE",  
    "CountryName": "Germany"  
  },  
  "ArrTime": "2015-10-18T05:30:00"  
},  
"Duration": 0,  
"GroundTime": 0,  
"Mile": 0,  
"StopOver": false,  
"StopPoint": "",  
"StopPointArrivalTime": "2015-10-18T05:30:00",  
"StopPointDepartureTime": "2015-10-18T00:45:00",  
"Craft": "333",  
"IsETicketEligible": false,  
"FlightStatus": "Confirmed",  
"Status": "HK"  
},
```

```
{  
  "TripIndicator": 1,  
  "SegmentIndicator": 2,  
  "Airline": {  
    "AirlineCode": "LH",  
    "AirlineName": "Lufthansa",  
    "FlightNumber": "2304",  
    "FareClass": "S",  
    "OperatingCarrier": "CL"  
  },  
  "AirlinePNR": "",  
  "Origin": {  
    "Airport": {  
      "AirportCode": "MUC",  
      "AirportName": "Franz Josef Strauss",  
      "Terminal": "2",  
      "CityCode": "MUC",  
      "CityName": "Munich",  
      "CountryCode": "DE",  
      "CountryName": "Germany"  
    },  
    "DepTime": "2015-10-18T12:10:00"  
  },  
  "Destination": {
```

```
"Airport": {  
  "AirportCode": "AMS",  
  "AirportName": "Schiphol",  
  "Terminal": "",  
  "CityCode": "AMS",  
  "CityName": "Amsterdam",  
  "CountryCode": "NL",  
  "CountryName": "Netherlands"  
},  
  "ArrTime": "2015-10-18T13:40:00"  
},  
  "AccumulatedDuration": 985,  
  "Duration": 0,  
  "GroundTime": 0,  
  "Mile": 0,  
  "StopOver": false,  
  "StopPoint": "",  
  "StopPointArrivalTime": "2015-10-18T13:40:00",  
  "StopPointDepartureTime": "2015-10-18T12:10:00",  
  "Craft": "E95",  
  "IsETicketEligible": false,  
  "FlightStatus": "Confirmed",  
  "Status": "HK"  
}
```

```
],  
  "FareRules": [  
    {  
      "Origin": "DEL",  
      "Destination": "MUC",  
      "Airline": "LH",  
      "FareBasisCode": "SRCOWAA",  
      "FareRestriction": "N"  
    },  
    {  
      "Origin": "MUC",  
      "Destination": "AMS",  
      "Airline": "LH",  
      "FareBasisCode": "SRCOWAA",  
      "FareRuleDetail": "Please refer above.",  
      "FareRestriction": "Y"  
    }  
  ],  
  "Status": 1,  
  "ResponseStatus": 1,  
  "TraceId": "24f13874-21c5-45d4-974b-92dccbc40fbf"  
}  
  
}  
  
}
```

```
}
```

### 19.12. TICKET()

#### Ticket Request for LCC

```
{
  "PreferredCurrency": "GBP",
  "IsBaseCurrencyRequired": "true",
  "EndUserIp": "192.168.11.58",
  "TokenId": "604d4f5a-283e-4c42-8bbc-09e92934f81d",
  "TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00",
  "ResultIndex": "OB20",
  "Passengers": [
    {
      "Title": "Mr",
      "FirstName": "JRIBHYQAX",
      "LastName": "Re",
      "PaxType": 1,
      "DateOfBirth": "1982-12-06T00:00:00",
      "Gender": 1,
      "PassportNo": "KJHHJKHKJH",
      "PassportExpiry": "2020-12-06T00:00:00",
      "AddressLine1": "123, Test",
      "AddressLine2": "",
      "City": "Gurgaon",
```



```
"CountryCode": "IN",
"CountryName": "India",
"ContactNo": "9879879877",
"Email": "harsh@tbtq.in",
"IsLeadPax": true,
"FFAirline": "",
"FFNumber": "",
"Fare": {
  "BaseFare": 1,
  "Tax": 1,
  "TransactionFee": 1,
  "YQTax": 1,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 1,      "AirTransFee": 1
},
"MealDynamic":
[{"WayType":2,"Code":"VGML","Description":2,"AirlineDescription":"VEG
MEAL","Quantity":1,"Price":250,"Currency":"INR","Origin":"DEL","Destination":"BOM"}],
"Baggage":
[{"WayType":2,"Code":"XBPA","Description":2,"Weight":5,"Currency":"INR","Price":1000,"Origin":"DE
L","Destination":"BOM"}]
{
  "Title": "Mr",
  "FirstName": "Rajvecuf",
  "LastName": "Singh",
```

```
"PaxType": 2,  
"DateOfBirth": "2011-12-06T00:00:00",  
"Gender": 1,  
"PassportNo": "KJHHJKHKJH",  
"PassportExpiry": "2020-12-06T00:00:00",  
"AddressLine1": "123, Test",  
"AddressLine2": "",  
"City": "Gurgaon",  
"CountryCode": "IN",  
"CountryName": "India",  
"ContactNo": "9879879877",  
"Email": "harsh@tbtq.in",  
"IsLeadPax": true,  
"FFAirline": "",  
"FFNumber": "",  
"Fare": {  
  "BaseFare": 1,  
  "Tax": 1,  
  "TransactionFee": 1,  
  "YQTax": 1,  
  "AdditionalTxnFeeOfrd": 0,  
  "AdditionalTxnFeePub": 1,  
  "AirTransFee": 1  
},  
"MealDynamic":
```

```
[{"WayType":2,"Code":"VGML","Description":2,"AirlineDescription":"VEG  
MEAL","Quantity":1,"Price":250,"Currency":"INR","Origin":"DEL","Destination":"BOM"}],
```

```
"Baggage":
```

```
[{"WayType":2,"Code":"XBPA","Description":2,"Weight":5,"Currency":"INR","Price":1000,"Origin":"DE  
L","Destination":"BOM"}]
```

```
},
```

```
{
```

```
  "Title": "Mr",
```

```
  "FirstName": "R",
```

```
  "LastName": "Si",
```

```
  "PaxType": 3,
```

```
  "DateOfBirth": "2014-12-06T00:00:00",
```

```
  "Gender": 1,
```

```
  "PassportNo": "KJHHJKHKJH",
```

```
  "PassportExpiry": "2020-12-06T00:00:00",
```

```
  "AddressLine1": "123, Test",
```

```
  "AddressLine2": "",
```

```
  "City": "Gurgaon",
```

```
  "CountryCode": "IN",
```

```
  "CountryName": "India",
```

```
  "ContactNo": "9879879877",
```

```
  "Email": "harsh@tbtq.in",
```

```
  "IsLeadPax": true,
```

```
  "FFAirline": "",
```

```
  "FFNumber": "",
```

```
  "Fare": {
```

```
"BaseFare": 1,  
"Tax": 1,  
"TransactionFee": 1,  
"YQTax": 1,  
"AdditionalTxnFeeOfrd": 0,  
"AdditionalTxnFeePub": 1,  
"AirTransFee": 1  
}  
}  
]  
}
```

### **Ticket Response for LCC**

```
{  
  "Response": {  
    "Error": {  
      "ErrorCode": 0,  
      "ErrorMessage": ""  
    },  
    "Response": {  
      "PNR": "BBM64K",  
      "BookingId": 1288956,  
      "SSRDenied": false,  
      "SSRMessage": null,  

```

```
"IsPriceChanged": false,
"IsTimeChanged": false,
"FlightItinerary": {
  "BookingId": 1288956,
  "PNR": "BBM64K",
  "IsDomestic": true,
  "Source": 6,
  "Origin": "DEL",
  "Destination": "BOM",
  "AirlineCode": "6E",
  "ValidatingAirlineCode": "6E",
  "AirlineRemark": "",
  "AirlineTollFreeNo": "1800-0001-5456-222",
  "IsLCC": true,
  "NonRefundable": false,
  "FareType": "PUB",
  "Fare": {
    "Currency": "INR",
    "BaseFare": 9700,
    "Tax": 2534,
    "YQTax": 0,
    "AdditionalTxnFeeOfrd": 0,
    "AdditionalTxnFeePub": 1,
    "OtherCharges": 572.68,
    "ChargeBU": [
      {
```

```
    "key": "TBOMARKUP",
    "value": 172.68
  },
  {
    "key": "CONVENIENCECHARGE",
    "value": 0
  },
  {
    "key": "OTHERCHARGE",
    "value": 400
  }
],
"Discount": 0,
"PublishedFare": 15326.68,
"CommissionEarned": 522,
"PLBEarned": 466.14,
"IncentiveEarned": 408.9,
"OfferedFare": 13909.64,
"TdsOnCommission": 104.4,
"TdsOnPLB": 93.22,
"TdsOnIncentive": 81.78,
"ServiceFee": 20
},
"Passenger": [
  {
```

```
"PaxId": 1770998,

"Title": "Mr",

"FirstName": "JRIBHYQAX",

"LastName": "Re",

"PaxType": 1,

"DateOfBirth": "1982-12-06T00:00:00",

"Gender": 1,

"PassportNo": "KJHHJKHKJH",

"PassportExpiry": "06-12-2020 00:00:00",

"AddressLine1": "123, Test",

"AddressLine2": "",

"Fare": {

  "Currency": "INR",

  "BaseFare": 4350,

  "Tax": 1267,

  "YQTax": 0,

  "AdditionalTxnFeeOfrd": 0,

  "AdditionalTxnFeePub": 1,

  "OtherCharges": 286.34,

  "ChargeBU": [

    {

      "key": "TBOMARKUP",

      "value": 86.34

    },

    {
```

```
    "key": "CONVENIENCECHARGE",
    "value": 0
  },
  {
    "key": "OTHERCHARGE",
    "value": 200
  }
],
"Discount": 0,
"PublishedFare": 7163.34,
"CommissionEarned": 261,
"PLBEarned": 233.07,
"IncentiveEarned": 204.45,
"OfferedFare": 6454.82,
"TdsOnCommission": 52.2,
"TdsOnPLB": 46.61,
"TdsOnIncentive": 40.89,
"ServiceFee": 10
},
"City": "Gurgaon",
"CountryCode": "IN",
"CountryName": "India",
"Nationality": "IN",
"ContactNo": "9879879877",
"Email": "harsh@tbtq.in",
"IsLeadPax": true,
```



```
"FFAirlineCode": null,
"FFNumber": "",
"Baggage": [
  {
    "WayType": 2,
    "Code": "XBPA",
    "Description": 2,
    "Weight": 5,
    "Currency": "INR",
    "Price": 1000,
    "Origin": "DEL",
    "Destination": "BOM"
  }
],
"MealDynamic": [
  {
    "WayType": 2,
    "Code": "VGML",
    "Description": 2,
    "AirlineDescription": "VEG MEAL",
    "Quantity": 1,
    "Price": 250,
    "Currency": "INR",
    "Origin": "DEL",
    "Destination": "BOM"
  }
]
```

```
],  
  "Ticket": {  
    "TicketId": 1569310,  
    "TicketNumber": "BBM64K",  
    "IssueDate": "2015-10-08T11:41:16",  
    "ValidatingAirline": "708",  
    "Remarks": "",  
    "ServiceFeeDisplayType": "ShowInTax",  
    "Status": "OK"  
  },  
  "SegmentAdditionalInfo": [  
    {  
      "FareBasis": "M",  
      "NVA": null,  
      "NVB": null,  
      "Baggage": "20 Kg|5",  
      "Meal": "1 Platter"  
    }  
  ]  
},  
{  
  "PaxId": 1770999,  
  "Title": "Mr",  
  "FirstName": "Rajvecuf",  
  "LastName": "Singh",
```

```
"PaxType": 2,
"DateOfBirth": "2011-12-06T00:00:00",
"Gender": 1,
"PassportNo": "KJHHJKHKJH",
"PassportExpiry": "06-12-2020 00:00:00",
"Fare": {
  "Currency": "INR",
  "BaseFare": 4350,
  "Tax": 1267,
  "YQTax": 0,
  "AdditionalTxnFeeOfrd": 0,
  "AdditionalTxnFeePub": 1,
  "OtherCharges": 286.34,
  "ChargeBU": [
    {
      "key": "TBOMARKUP",
      "value": 86.34
    },
    {
      "key": "CONVENIENCECHARGE",
      "value": 0
    },
    {
      "key": "OTHERCHARGE",
      "value": 200
    }
  ]
}
```

```
    }  
  ],  
  "Discount": 0,  
  "PublishedFare": 7163.34,  
  "CommissionEarned": 261,  
  "PLBEarned": 233.07,  
  "IncentiveEarned": 204.45,  
  "OfferedFare": 6454.82,  
  "TdsOnCommission": 52.2,  
  "TdsOnPLB": 46.61,  
  "TdsOnIncentive": 40.89,  
  "ServiceFee": 10  
},  
"City": "Gurgaon",  
"CountryCode": "IN",  
"CountryName": "India",  
"Nationality": "IN",  
"IsLeadPax": true,  
"FFAirlineCode": null,  
"FFNumber": "",  
"Baggage": [  
  {  
    "WayType": 2,  
    "Code": "XBPA",  
    "Description": 2,
```

```
    "Weight": 5,
    "Currency": "INR",
    "Price": 1000,
    "Origin": "DEL",
    "Destination": "BOM"
  }
],
"MealDynamic": [
  {
    "WayType": 2,
    "Code": "VGML",
    "Description": 2,
    "AirlineDescription": "VEG MEAL",
    "Quantity": 1,
    "Price": 250,
    "Currency": "INR",
    "Origin": "DEL",
    "Destination": "BOM"
  }
],
"Ticket": {
  "TicketId": 1569311,
  "TicketNumber": "BBM64K",
  "IssueDate": "2015-10-08T11:41:16",
  "ValidatingAirline": "708",
```

```
"Remarks": "",
"ServiceFeeDisplayType": "ShowInTax",
"Status": "OK"
},
"SegmentAdditionalInfo": [
  {
    "FareBasis": "M",
    "NVA": null,
    "NVB": null,
    "Baggage": "20 Kg|5",
    "Meal": "1 Platter"
  }
]
},
{
  "PaxId": 1771000,
  "Title": "",
  "FirstName": "R",
  "LastName": "Si",
  "PaxType": 3,
  "DateOfBirth": "2014-12-06T00:00:00",
  "Gender": 1,
  "PassportNo": "KJHHJKHKJH",
  "PassportExpiry": "06-12-2020 00:00:00",
  "Fare": {
```

```
"Currency": "INR",  
"BaseFare": 1000,  
"Tax": 0,  
"YQTax": 0,  
"AdditionalTxnFeeOfrd": 0,  
"AdditionalTxnFeePub": 1,  
"OtherCharges": 0,  
"ChargeBU": [  
  {  
    "key": "TBOMARKUP",  
    "value": 0  
  },  
  {  
    "key": "CONVENIENCECHARGE",  
    "value": 0  
  },  
  {  
    "key": "OTHERCHARGE",  
    "value": 0  
  }  
],  
"Discount": 0,  
"PublishedFare": 1000,  
"CommissionEarned": 0,  
"PLBEarned": 0,
```

```
"IncentiveEarned": 0,
"OfferedFare": 1000,
"TdsOnCommission": 0,
"TdsOnPLB": 0,
"TdsOnIncentive": 0,
"ServiceFee": 0
},
"City": "Gurgaon",
"CountryCode": "IN",
"CountryName": "India",
"Nationality": "IN",
"IsLeadPax": true,
"FFAirlineCode": null,
"FFNumber": "",
"Ticket": {
  "TicketId": 1569312,
  "TicketNumber": "BBM64K",
  "IssueDate": "2015-10-08T11:41:16",
  "ValidatingAirline": "708",
  "Remarks": "",
  "ServiceFeeDisplayType": "ShowInTax",
  "Status": "OK"
},
"SegmentAdditionalInfo": [
  {
```



```
        "FareBasis": "M",
        "NVA": null,
        "NVB": null,
        "Baggage": "0 Kg",
        "Meal": "0 Platter"
    }
]
}
],
"Segments": [
    {
        "TripIndicator": 1,
        "SegmentIndicator": 1,
        "Airline": {
            "AirlineCode": "6E",
            "AirlineName": "IndiGo",
            "FlightNumber": "175",
            "FareClass": "M",
            "OperatingCarrier": ""
        },
        "AirlinePNR": "",
        "Origin": {
            "Airport": {
                "AirportCode": "DEL",
                "AirportName": "Indira Gandhi Airport",
```

```
    "Terminal": "1D",
    "CityCode": "DEL ",
    "CityName": "Delhi",
    "CountryCode": "IN",
    "CountryName": "India"
  },
  "DepTime": "2015-11-06T12:55:00"
},
"Destination": {
  "Airport": {
    "AirportCode": "BOM",
    "AirportName": "Mumbai",
    "Terminal": "1B",
    "CityCode": "BOM",
    "CityName": "Mumbai",
    "CountryCode": "IN",
    "CountryName": "India"
  },
  "ArrTime": "2015-11-06T15:25:00"
},
"Duration": 150,
"GroundTime": 0,
"Mile": 0,
"StopOver": false,
"StopPoint": "",
```

```
"StopPointArrivalTime": "2015-11-06T15:25:00",  
"StopPointDepartureTime": "2015-11-06T12:55:00",  
"Craft": "320",  
"IsETicketEligible": false,  
"FlightStatus": "Confirmed",  
"Status": "HK"  
}  
],  
"FareRules": [  
  {  
    "Origin": "DEL",  
    "Destination": "BOM",  
    "Airline": "6E",  
    "FareBasisCode": "M",  
    "FareRuleDetail": "Fare rules for 6E",  
    "FareRestriction": null  
  }  
],  
"Status": 5,  
"InvoiceNo": "DW/1516/649",  
"InvoiceCreatedOn": "2015-10-08T11:41:16",  
"TicketStatus": 1,  
"Message": null  
},  
"ResponseStatus": 0,
```

```
"TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00"
}
}
}
```

### **Ticket Request for NON LCC**

```
{
  "EndUserIp": "192.168.11.58",
  "TokenId": "5d667e62-1c57-4a17-b427-82fbf64dbf3f",
  "TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00",
  "PNR": "5UM3TP",
  "BookingId": "1301907"
}
```

### **19.13. [GETBOOKINGDETAILS \(\)](#)**

#### **GetBookingDetails Request**

```
{
  "EndUserIp": "192.168.11.58",
  "TokenId": "604d4f5a-283e-4c42-8bbc-09e92934f81d",
```

```
"PNR": "BBM64K",  
"BookingId": "1288956",  
}
```

#### **GETBOOKINGDETAILS USING TRACEID**

```
{  
  "TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00"  
}
```

#### **GETBOOKINGDETAILS USING PNR WITH FIRST NAME AND LAST NAME OF THE LEAD PASSENGER**

```
{  
  "PNR": "BBM64K",  
  "FirstName": "abcgdf",  
  "LastName": "ryfggj"  
}
```

#### **GetBookingDetails Response**

```
{  
  "Response": {  
    "Error": {  
      "ErrorCode": 0,  
      "ErrorMessage": ""  
    }  
  }  
}
```

```
},  
"FlightItinerary": {  
  "BookingId": 1288956,  
  "PNR": "BBM64K",  
  "IsDomestic": true,  
  "Source": 6,  
  "Origin": "DEL",  
  "Destination": "BOM",  
  "AirlineCode": "6E",  
  "ValidatingAirlineCode": "6E",  
  "AirlineRemark": "",  
  "AirlineTollFreeNo": "1800-0001-5456-222",  
  "IsLCC": true,  
  "NonRefundable": false,  
  "FareType": "PUB",  
  "Fare": {  
    "Currency": "INR",  
    "BaseFare": 9700,  
    "Tax": 2534,  
    "YQTax": 0,  
    "AdditionalTxnFeeOfrd": 0,  
    "AdditionalTxnFeePub": 1,  
    "OtherCharges": 572.68,  
    "ChargeBU": [  
      {
```

```
    "key": "TBOMARKUP",
    "value": 172.68
  },
  {
    "key": "CONVENIENCECHARGE",
    "value": 0
  },
  {
    "key": "OTHERCHARGE",
    "value": 400
  }
],
"Discount": 0,
"PublishedFare": 15326.68,
"CommissionEarned": 522,
"PLBEarned": 466.14,
"IncentiveEarned": 408.9,
"OfferedFare": 13909.64,
"TdsOnCommission": 104.4,
"TdsOnPLB": 93.22,
"TdsOnIncentive": 81.78,
"ServiceFee": 20
},
"Passenger": [
  {
```

```
"PaxId": 1770998,

"Title": "Mr",

"FirstName": "JRIBHYQAX",

"LastName": "Re",

"PaxType": 1,

"DateOfBirth": "1982-12-06T00:00:00",

"Gender": 1,

"PassportNo": "KJHHJKHKJH",

"AddressLine1": "123, Test",

"AddressLine2": "",

"Fare": {

  "Currency": "INR",

  "BaseFare": 4350,

  "Tax": 1267,

  "YQTax": 0,

  "AdditionalTxnFeeOfrd": 0,

  "AdditionalTxnFeePub": 1,

  "OtherCharges": 286.34,

  "ChargeBU": [

    {

      "key": "TBOMARKUP",

      "value": 86.34

    },

    {

      "key": "CONVENIENCECHARGE",
```



```
        "value": 0
      },
      {
        "key": "OTHERCHARGE",
        "value": 200
      }
    ],
    "Discount": 0,
    "PublishedFare": 7163.34,
    "CommissionEarned": 261,
    "PLBEarned": 233.07,
    "IncentiveEarned": 204.45,
    "OfferedFare": 6454.82,
    "TdsOnCommission": 52.2,
    "TdsOnPLB": 46.61,
    "TdsOnIncentive": 40.89,
    "ServiceFee": 10
  },
  "City": "Gurgaon",
  "CountryCode": "IN",
  "Nationality": "IN",
  "ContactNo": "9879879877",
  "Email": "harsh@tbtq.in",
  "IsLeadPax": true,
```

```
"FFAirlineCode": null, "FFNumber":
```

```
"",
```

```
"Baggage": [
```

```
{
```

```
  "WayType": 2,
```

```
  "Code": "XBPA",
```

```
  "Description": 2,
```

```
  "Weight": 5,
```

```
  "Currency": "INR",
```

```
  "Price": 1000,
```

```
  "Origin": "DEL",
```

```
  "Destination": "BOM"
```

```
}
```

```
],
```

```
"MealDynamic": [
```

```
{
```

```
  "WayType": 2,
```

```
  "Code": "VGML ",
```

```
  "Description": 2,
```

```
  "AirlineDescription": "VEG MEAL",
```

```
  "Quantity": 1,
```

```
  "Price": 250,
```

```
  "Currency": "INR",
```

```
  "Origin": "DEL",
```

```
        "Destination": "BOM"
      }
    ],
    "Ticket": {
      "TicketId": 1569310,
      "TicketNumber": "BBM64K",
      "IssueDate": "2015-10-08T11:41:16",
      "ValidatingAirline": "708",
      "Remarks": "",
      "ServiceFeeDisplayType": "ShowInTax",
      "Status": "OK"
    },
    "SegmentAdditionalInfo": [
      {
        "FareBasis": "M",
        "NVA": null,
        "NVB": null,
        "Baggage": "20 Kg|5",
        "Meal": "1 Platter"
      }
    ]
  },
  {
    "PaxId": 1770999,
    "Title": "Mr",
```

```
"FirstName": "Rajvecuf",  
"LastName": "Singh",  
"PaxType": 2,  
"DateOfBirth": "2011-12-06T00:00:00",  
"Gender": 1,  
"PassportNo": "KJHHJKHKJH",  
"Fare": {  
  "Currency": "INR",  
  "BaseFare": 4350,  
  "Tax": 1267,  
  "YQTax": 0,  
  "AdditionalTxnFeeOfrd": 0,  
  "AdditionalTxnFeePub": 1,  
  "OtherCharges": 286.34,  
  "ChargeBU": [  
    {  
      "key": "TBOMARKUP",  
      "value": 86.34  
    },  
    {  
      "key": "CONVENIENCECHARGE",  
      "value": 0  
    },  
    {  
      "key": "OTHERCHARGE",
```

```
        "value": 200
      }
    ],
    "Discount": 0,
    "PublishedFare": 7163.34,
    "CommissionEarned": 261,
    "PLBEarned": 233.07,
    "IncentiveEarned": 204.45,
    "OfferedFare": 6454.82,
    "TdsOnCommission": 52.2,
    "TdsOnPLB": 46.61,
    "TdsOnIncentive": 40.89,
    "ServiceFee": 10
  },
  "City": "Gurgaon",
  "CountryCode": "IN",
  "Nationality": "IN",
  "IsLeadPax": true,
  "FFAirlineCode": null,
  "FFNumber": "",
  "Baggage": [
    {
      "WayType": 2,
      "Code": "XBPA",
      "Description": 2,
```

```
    "Weight": 5,
    "Currency": "INR",
    "Price": 1000,
    "Origin": "DEL",
    "Destination": "BOM"
  }
],
"MealDynamic": [
  {
    "WayType": 2,
    "Code": "VGML ",
    "Description": 2,
    "AirlineDescription": "VEG MEAL",
    "Quantity": 1,
    "Price": 250,
    "Currency": "INR",
    "Origin": "DEL",
    "Destination": "BOM"
  }
],
"Ticket": {
  "TicketId": 1569311,
  "TicketNumber": "BBM64K",
  "IssueDate": "2015-10-08T11:41:16",
  "ValidatingAirline": "708",
```

```
"Remarks": "",
"ServiceFeeDisplayType": "ShowInTax",
"Status": "OK"
},
"SegmentAdditionalInfo": [
  {
    "FareBasis": "M",
    "NVA": null,
    "NVB": null,
    "Baggage": "20 Kg|5",
    "Meal": "1 Platter"
  }
]
},
{
  "PaxId": 1771000,
  "Title": "",
  "FirstName": "R",
  "LastName": "Si",
  "PaxType": 3,
  "DateOfBirth": "2014-12-06T00:00:00",
  "Gender": 1,
  "PassportNo": "KJHHJKHKJH",
  "Fare": {
    "Currency": "INR",
```

```
"BaseFare": 1000,

"Tax": 0,

"YQTax": 0,

"AdditionalTxnFeeOfrd": 0,

"AdditionalTxnFeePub": 1,

"OtherCharges": 0,

"ChargeBU": [

  {

    "key": "TBOMARKUP",

    "value": 0

  },

  {

    "key": "CONVENIENCECHARGE",

    "value": 0

  },

  {

    "key": "OTHERCHARGE",

    "value": 0

  }

],

"Discount": 0,

"PublishedFare": 1000,

"CommissionEarned": 0,

"PLBEarned": 0,
```



```
"IncentiveEarned": 0, "OfferedFare":  
1000,  
"TdsOnCommission": 0,  
"TdsOnPLB": 0,  
"TdsOnIncentive": 0,  
"ServiceFee": 0  
,  
"City": "Gurgaon",  
"CountryCode": "IN",  
"Nationality": "IN",  
"IsLeadPax": true,  
"FFAirlineCode": null,  
"FFNumber": "",  
"Meal": {  
  "Code": null,  
  "Description": null  
},  
"Ticket": {  
  "TicketId": 1569312,  
  "TicketNumber": "BBM64K",  
  "IssueDate": "2015-10-08T11:41:16",  
  "ValidatingAirline": "708",  
  "Remarks": "",  
  "ServiceFeeDisplayType": "ShowInTax",  
  "Status": "OK"
```

```
    },  
    "SegmentAdditionalInfo": [  
      {  
        "FareBasis": "M",  
        "NVA": null,  
        "NVB": null,  
        "Baggage": "0 Kg",  
        "Meal": "0 Platter"  
      }  
    ]  
  }  
],  
"Segments": [  
  {  
    "TripIndicator": 1,  
    "SegmentIndicator": 1,  
    "Airline": {  
      "AirlineCode": "6E",  
      "AirlineName": "IndiGo",  
      "FlightNumber": "175",  
      "FareClass": "M",  
      "OperatingCarrier": ""  
    },  
    "AirlinePNR": "",  
    "Origin": {
```

```
"Airport": {  
  "AirportCode": "DEL",  
  "AirportName": "Indira Gandhi Airport",  
  "Terminal": "1D",  
  "CityCode": "DEL",  
  "CityName": "Delhi",  
  "CountryCode": "IN",  
  "CountryName": "India"  
},  
"DepTime": "2015-11-06T12:55:00"  
},  
"Destination": {  
  "Airport": {  
    "AirportCode": "BOM",  
    "AirportName": "Mumbai",  
    "Terminal": "1B",  
    "CityCode": "BOM",  
    "CityName": "Mumbai",  
    "CountryCode": "IN",  
    "CountryName": "India"  
  },  
  "ArrTime": "2015-11-06T15:25:00"  
},  
"Duration": 150,  
"GroundTime": 0,
```

```
"Mile": 0,

"StopOver": false,

"StopPoint": "",

"StopPointArrivalTime": null,          "StopPointDepartureTime": null,

"Craft": "320",

"IsETicketEligible": false,

"FlightStatus": "Confirmed",

"Status": "HK"

}

],

"FareRules": [

{

  "Origin": "DEL ",

  "Destination": "BOM",

  "Airline": "6E",

  "FareBasisCode": "M",

  "FareRuleDetail": "Fare rules for 6E",

  "FareRestriction": ""

}

],

"Status": 5,

"InvoiceNo": "DW/1516/649",

"InvoiceCreatedOn": "2015-10-08T11:41:16",

"ResponseStatus": 1,

"TraceId": "caef5986-98cf-4f4c-8bc2-c80caa023b00"
```

```
    }  
  }  
}
```

#### 19.14. RELEASEPNRREQUEST()

##### ReleasePNR Request

```
{  
  "EndUserIp": "192.168.10.36",  
  "TokenId": "ebf966ff-9e72-4fc2-a63d-2236a91f7152",  
  "BookingId": "1288527",  
  "Source": "4"  
}
```

##### ReleasePNR Response

```
{  
  "Response": {  
    "ResponseStatus": 1,  
    "TraceId": "1eaf3154-621f-4b6d-b942-9ef0857c3e60",  
    "Error": {  
      "ErrorCode": 0,  
      "ErrorMessage": ""  
    }  
  }  
}
```

**19.15. SENDCHANGEREQUEST ()****SendChangeRequest**

```
{
  "BookingId": 1288166,
  "RequestType": 1,
  "CancellationType": 3,
  "Sectors": [
    {
      "Origin": "DEL",
      "Destination": "SVO"
    }
  ],
  "TicketId" : [1567415,1567416],
  "Remarks": "Test remarks",
  "EndUserIp": "192.168.11.23",
  "TokenId": "a3db0ecd-079e-4fa4-abda-157f5a8b2a60"
}
```

**SendChangeRequest Response**

```
{
  "Response": {
    "TicketCRInfo": [
      {
```

```
"ChangeRequestId": 195187,
"Status": 1,
"Remarks": "Successful"
},
{
"ChangeRequestId": 195188,
"Status": 1,
"Remarks": "Successful"
}
],
"ResponseStatus": 1,
"TraceId": ""
}
}
```

#### 19.16. GETCHANGEREQUESTSTATUS ()

##### GetChangeRequestStatus

```
{
"ChangeRequestId": "199350",
"EndUserIp": "123.1.1.1",
"TokenId": "901cba3c-4846-4dd3-b3d5-54311ae43db5"
}
```

##### GetChangeRequestStatus Response

```
{
"ResponseStatus": 1,
"Error": null,
"TraceId": "120e537c-fbe8-463d-a52b-5653b38ab87b",
"ChangeRequestId": 199350,
"RefundedAmount": 3560.0000,
```

```
"CancellationCharge": 100.0000,  
"ServiceTaxOnRAF": 12.36,  
"ChangeRequestStatus": 4  
}
```

## 20. CERTIFICATION

Client needs to go through certification process in order to get live access. Here we are mentioning the certification process which is **Mandatory** to be completed when the client is done with the Universal Hotel API Integration.

Please check below Certification Process steps

### Step 1: Test Cases Execution

Below is the list of test cases that needs to be executed by clients at their end.

JSON Request/ Response for these cases along with the confirmation numbers will be required for verification as part of certification process.

- [Case 1]: LCC Domestic Oneway – 1 Adult
- [Case 2]: LCC Domestic OneWay – 1 Adult + 1 Child
- [Case 3]: LCC Domestic Return – 2 Adults
- [Case 4]: LCC International Oneway – 1 Adult + 1 Child + 1 Infant
- [Case 5]: LCC International Return – 2 Adults + 2 Child + 1 Infant
- [Case 6]: Non LCC Domestic Oneway – 1 Adult
- [Case 7]: Non LCC Domestic OneWay – 1 Adult + 1 Child
- [Case 8]: Non LCC Domestic Return – 2 Adults
- [Case 9]: Non LCC International Oneway – 1 Adult + 1 Child + 1 Infant
- [Case 10]: Non LCC International Return – 2 Adults + 2 Child + 1 Infant
- [Case 11]: LCC Domestic Return SSR – 2 Adults
- [Case 12]: LCC International Return SSR – 2 Adults + 2 Child + 1 Infant
- [Case 13]: LCC Domestic Special Return – 2 Adult + 1 Child
- [Case 14]: Non LCC Domestic Special Return SSR – 2 Adults + 2 Child + 1 Infant
- [Case 15]: Non LCC Multiway – 2 Adults
- [Case 16]: Domestic Oneway Air Fare Calendar Search
- [Case 17]: Non LCC Advance Search (PriceRBD) Booking – 2 Adults



Client needs to provide JSON request and response for each case like below example

E.g. [Case 6]: Non LCC Domestic Oneway – 1 Adult

Search→FareRule→FareQuote→SSR→Book→Ticket→→GetBookingDetails→Cancel→Amendment

Note: Please provide request / responses for all the methods that you are implementing

Step 2: Certification request by client

Client makes a certification request by providing JSON Request/ Response along with confirmation numbers for the test cases as suggested in Step 1.

Step 3: Test Cases Verification

TBO will verify the test cases using JSON Request/ Response and suggest, if there is any change required. The turnaround time for the test case verification is around 4-5 days working days.

Step 5: Sign off and Live access

On successful completion of all the above steps, TBO will give sign off and provide Live access details to the client. It is strongly recommended that the client also completes their UAT before making the services live at their end.

Step 6: Post successful signoff, the client needs to provide [the](#) Static Public IP/ Gateway \*\* from where your API requests would come to TBO sever, so that the same can be white listed at our end. To check your routing IP or public IP/ Gateway, just go to <http://cmyip.com/> or <http://www.whatismyip.com/>