



Tours Limited API Integration

Version 2.0

ABSTRACT

This document provides the information on how to connect to Topaz Tours API

Ravi Seshadri

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1. Authentication

Topaz Tours APIs are authenticated via client Id and Secret. Upon sending the credentials, a jwt token is returned, which must be passed on every request

URL: http://{baseurl}/TLService/api/AuthenticateUser



Method: POST


Form Data:


clientID	
Password	
grant_type	password




clientId, Password, and {baseurl} will be provided during client on boarding


Sample Request




POST  https://{baseurl}/api/AuthenticateUser Send 


Params Body  Auth Headers 3 Scripts Docs




Form 3 


 Add  Delete all  Description

 clientID




  

 Password

 grant_type

password

Sample Response

```
200 OK 131 ms 316 B
Preview ▾ Header 8 Cookie Timeline
1 {
2   "access_token": "4qIHh1YIEAHhUG7s1cMeXVKkF9RNina2bAg0Maxc7akGjyCem7zC
   YU3xhR4EE4vQWG-WnuyN_PMZ-THwOVaZtnkBfzDbamUt5wGa6D-
   WjtQSGiuGhJxeAtDhJOZAdiuWMY3vXVEtHXySrJtOQHY5gNeunTrn5tcIjLWDunQLJ9cO_k
3   "token_type": "bearer",
4   "expires_in": 14399
5 }
```

access_token: This token must be sent to any subsequent requests

expires_in: Expiry of the token in seconds, from the time on which the token is requested. Applications must maintain this expiry date (Date Time on which the token is requested)

expires_in seconds in the client side. Every time when an API is invoked, the application must check if the current date time is not greater than the Expiry Time. If the token is expired, Applications must get a new token from Topaz Tours and over write the old token and Expiry Date

2. ProcessPayment

End Point: https://{BASE_URL}/api/Integration/ProcessPayment

Method: POST

Request Body: JSON

Sample Request:

```
{
  "ccnumber": "5105105105105100",
  "expmonth": "07",
  "expyear": "2029",
  "SecurityCode": "521",
  "FirstName": "Mary",
  "LastName": "Jones",
```

```
"zipcode": "600 095",  
"ccamount": "185.25",  
"TransReference" : "ref353",  
"TransDesc" : "Sweden trip 2027"  
}
```

Input Description:

ccnumber: Credit Card number without space or hyphen

expmonth: Expiry Month in two-digit format (MM)

expyear: Expiry Year in four-digit format (YYYY)

SecurityCode: Security code present in the back of credit card

FirstName: First Name of the payer

LastName: Last Name of the payer

zipcode: Zip code of the payer

ccamount: Credit card amount in USD

TransReference: Alpha numeric reference for tracking the transaction between the vendor and Topaz tours.

TransDesc: Description for which the credit card transaction is initiated

Sample Response:

```
{  
  "ErrorCode": "ok",  
  "Message": "1",  
  "Warning": null,  
  "MessageDescription": null  
}
```

If there is any error in the request the ErrorCode will be returned as Failed and the MessageDescription contains the detailed information