



Tours Limited API Integration

Version 2.0

ABSTRACT

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

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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

The screenshot shows a REST API testing interface. The top bar displays the method as "POST" and the URL as "https://baseurl/api/AuthenticateUser". A "Send" button is located in the top right corner. Below the URL, there are tabs for "Params", "Body" (which is selected), "Auth", "Headers", "Scripts", and "Docs". Under the "Body" tab, the "Form" section is active, indicated by a green dot. It shows three parameters: "clientId" (value: ****), "Password" (value: ****), and "grant_type" (value: password). Each parameter has a dropdown arrow, a checked checkbox, and a trash can icon to its right. At the bottom left of the body section, there are buttons for "+ Add", "Delete all", and "Description".

Sample Response

200 OK 131 ms 316 B

Preview ▾ Header 8 Cookie Timeline

```
1 ▾ {  
2   "access_token": "4qIHh1YIEAhUG7s1cMeXVkkF9RNina2bAg0Maxc7akGjyCem7zCYU3xhR4EE4vQWG-WnuyN_PMZ-THw0VaZtnkBfzDbamUt5wGa6D-WjtQSGiughJxeAtDhJOZAdiuWMY3vXVEtHXySrJt0QHY5gNeunTrn5tcIjLWDunQLJ9co_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