

## Pending Approval Trips API Service

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## Overview

ATRIIS Pending Approval Trips API REST services allow ATRIIS customers to get information about trips in the state of "In Approvals."

This API contains one service, Get Pending Approval Trips.

Get Pending Approval Trips' purpose is to present you with trips that are pending approval.

The following document describes each method within the service and defines their inputs and outputs.

## Authorization

The first step in the integration process is to create an authorization request. The purpose of this is to receive the TokenId which you will submit with every request in future as authentication and identification. In authorization request there are some fields that must be submitted.

client\_id=gtp\_ro

client\_secret=216cc84e-a4ba-46f3-ad0b-dc74f34efb8b

grant\_type=password

username = {username} - will be provided by Atriis

password={password} - will be provided by Atriis

scope=openid profile roles backendAPI

**In addition, API KEY should be passed in the Header.**

## How to create API KEY?

Please sign up using one of the links below (your Atriis contact will advise if you should register to staging or production):

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Staging: <https://tmc2staging.developer.azure-api.net/signup>

Production: <https://gtp.developer.azure-api.net/signup>

Once Atriis administrator will approve your subscription, you will get an API KEY.

**Example** of how to get a token in C# - In addition, there is an example on the ATRIIS portal,

```
var client = new HttpClient();

    // Request headers

    client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key",
"df4f6781c2284807adf56884393faa5c");

    var tokenUri = "https://tmc2staging.azure-api.net/Authorize";

    HttpResponseMessage tokenResponse;

    // Request body

    byte[] byteData =
Encoding.UTF8.GetBytes("client_id=gtp_ro&client_secret=216cc84e-a4ba-46f3-ad0b-
dc74f34efb8b&grant_type=password&username={username}&password={password}&scope=openid profile roles backendAPI");

    using (var content = new ByteArrayContent(byteData))
    {

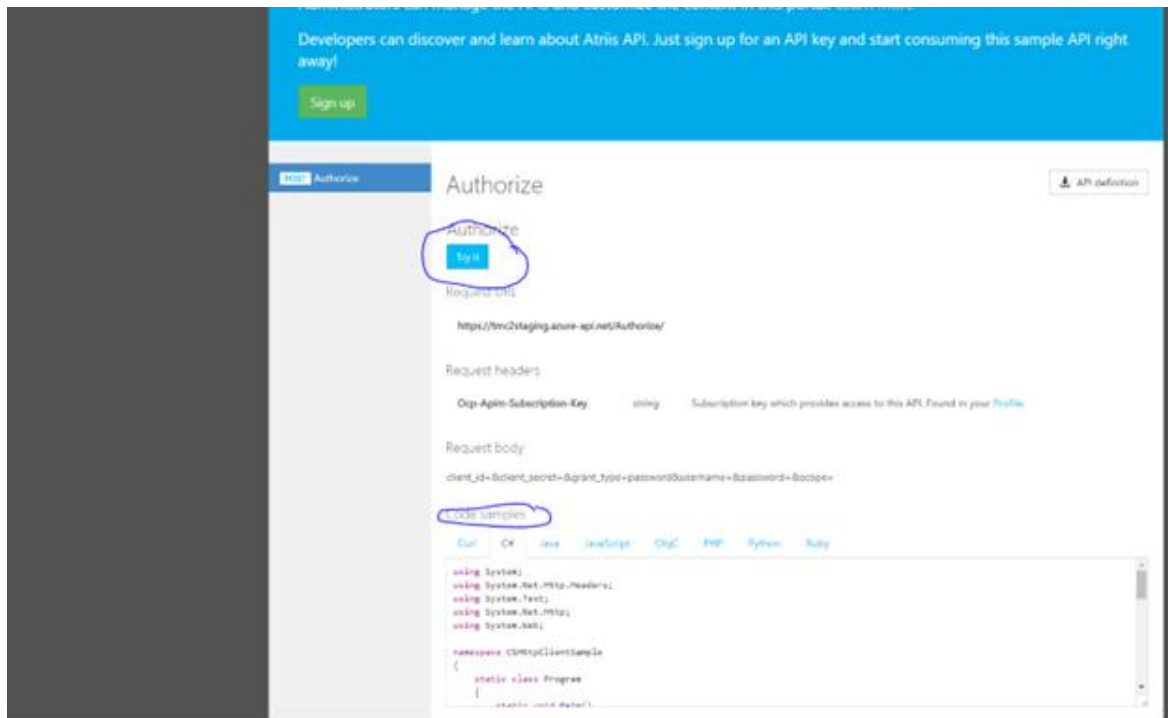
        tokenResponse = client.PostAsync(tokenUri, content).Result;

    }

    string tokenResponseBody = tokenResponse.Content.ReadAsStringAsync().Result;

    dynamic stuff = JsonConvert.DeserializeObject(tokenResponseBody);

    var token = stuff.access_token;
```



## Get Pending Approval Trips Method

Production URI:

<https://gtp.azure-api.net/api/v2/PendingApprovalTrips>

Staging URI:

<https://tmc2staging.azure-api.net/api/v2/PendingApprovalTrips>

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Method: POST

## Request

Field name	Type	Definition	Optional	Comments
CorporationId	int		Y	Corporate Id requested
Username	string		Y	Username requested

### Example:

```
{  
  "CorporationId":276179,  
  "Username": ""  
}
```

You can send either “CorporationId” or “Username,” if you send both, the response will be according to the “Username” field.

When providing Corporation ID (numerical) the response will be all the trips that are pending approval from the specified corporation.

When providing Username, the response will include all the trip which are pending the approval of the specific user from the request.

## Response

Field name	Type	Comments
IsSuccess	boolean	Indicates whether the request was successful
ErrorMessage	String[]	List of all errors and notifications that occurred in the process
<b>Trips:</b>	Dictionary<int, List<PendingTripApprover>>	A dictionary where the key is the trip number, and the value is a list of PendingTripApprover objects.
-Key	int	Trip number
-Value:	List<PendingTripApprover>	A list of all the current trip approvers

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• ApproverUsername	string	The username of the approver
• ApproverId	int	The user id of the approver
• ApproverEmail	string	The email address of the approver
• ApproverFirstName	string	The first name of the approver
• ApproverMiddleLast Name	string	The middle and last name of the approver
• ApprovalLink	string	The URL for approving the trip on behalf of the specific approver
• DeclineLink	string	The URL for declining the trip on behalf of the specific approver

## Example:

```
{
  "Trips": {
    "3261088": [
      {
        "ApproverUsername": "idan.tests@nl.com",
        "ApproverId": 53272060,
        "ApproverEmail": "idan.gorali@atriis.com",
        "ApproverFirstName": "Idan",
        "ApproverMiddleLastName": "Tests",
        "ApprovalLink": "https://www.gtp-marketplace.com/TripApproval/Approve?request=iGS2RfpkV8mTB/ihyz3RU5jZMu4Tq/e1iH/hQv2fvjO6baEjq5RI6P89al4nZIR3YmtW2rDcrlxHoMyTV675n5zweis1NxogqPu+p+KS14=",
        "DeclineLink": "https://www.gtp-marketplace.com/TripApproval/Decline?request=iGS2RfpkV8mTB/ihyz3RU5jZMu4Tq/e1iH/hQv2fvjO6baEjq5RI6P89al4nZIR3YmtW2rDcrlxHoMyTV675n5zweis1NxogqPu+p+KS14="
      }
    ],
  },
}
```

"ErrorMessage": [],

"IsSuccess": true

## Error Handling

Error Type	Error Message	Description
Error for Authorization	Authorization failed. Please check your credentials or access rights.	This error occurs when the user's authorization credentials are invalid or do not have the necessary permissions to access the requested resource.
Empty or incorrect values in request	The request must contain a valid Corporation ID or Username.	This error is returned when the request does not contain a valid numerical corporation id or username.
Wrong user scope (Corporate User)	Requested approver does not belong to the logged user's corporation.	This error is triggered when the logged user is a corporate user and the username in the request belongs to a user from another corporation
Wrong username	Requested approver is an agent or does not exist.	This error is triggered when the logged user is a corporate user and the username in the request does not exist or it is an agent (which cannot be an approver)
No pending trips (User)	There are no pending trips for (username)	This notification shows that the request was successful but there are no pending trips for the specified user.
Wrong user scope (Agent)	Requested approver does not belong to the logged user's TMC	This error is triggered when the logged user is an agent and the username in the request belongs to a user from another TMC
No pending trips (Corporation)	There are no pending trips for Corporation ID (Corporation Id)	This notification shows that the request was successful but there are no pending trips for the specified corporation id.



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Wrong corporation scope (Corporate User)	Logged user does not belong to the requested corporation	This error is triggered when the logged user is a corporate user and from a different corporation than the requested corporation.
Wrong corporation scope (Agent)	Requested corporation does not belong to the requesting user's agency	This error is triggered when the logged user is an agent and the corporation id in the request belongs to a corporation from another TMC
Pending Trips API Error	An internal server error has occurred. Please try your request again later.	This error is encountered when an unexpected issue within the server prevents the API from processing the request successfully.