

Getting started steps link

To register as a Technology provider in Trestle please follow the steps below:

- Step 1 Select Technology provider, get started. Select Technology Provider
- Step 2 Please provide contact information
- Step 3 Please provide company information
- Step 4 Credit card information is required
- Step 5 Add Product Information – You will provision your own UserID & Password for each Data Feed Type.
You will use a “single” set of credentials for every MLS Connection you pull data from per Data Feed Type
Ex – if you pull IDX data with a RETS transport – you will use the IDX-RETS UserID & Password for “ALL” MLS Connections you establish
MLS Data can be “filtered” by the Originating System Name - Which is found on the Connection Dashboard once your Connection request has been approved.

Under the product tab, you will need to fill in the fields describing your product and what feed type your product supports.

[Trestle link to setup for WebAPI](#)

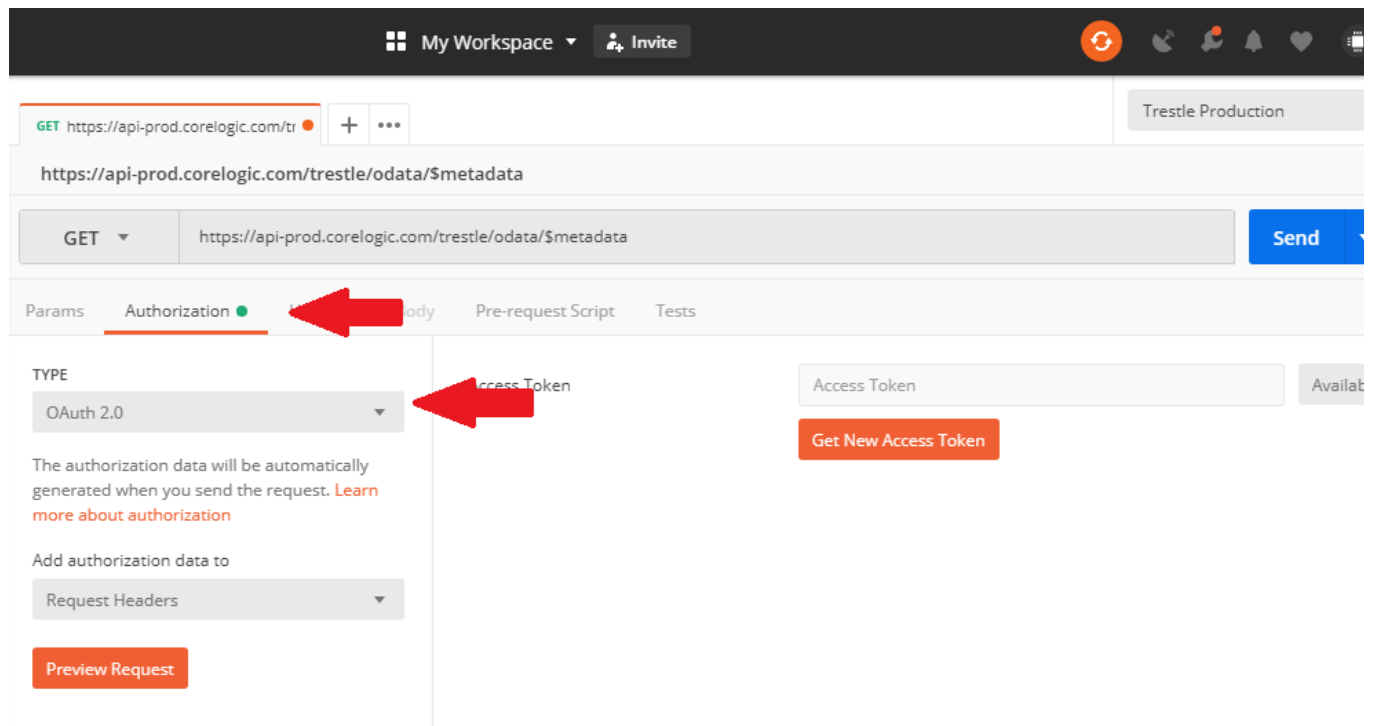
Getting Started WebAPI: <https://docs-trestle.corelogic.com/GettingStarted/WebAPI>

Postman

We recommend using the [Postman tool](#) for logging into and using the Trestle WebAPI. In addition to the walkthrough below, feel free to use [this Postman collection](#) for examples of other queries and criteria available in the Trestle WebAPI. To easily load the collection into Postman, open Postman and select File -> Import. Then, select the "Import From Link" tab and paste the following URL: https://docs-trestle.corelogic.com/content/collections/Trestle_API.postman_collection.json Press the import button and you will see a new collection added to Postman.

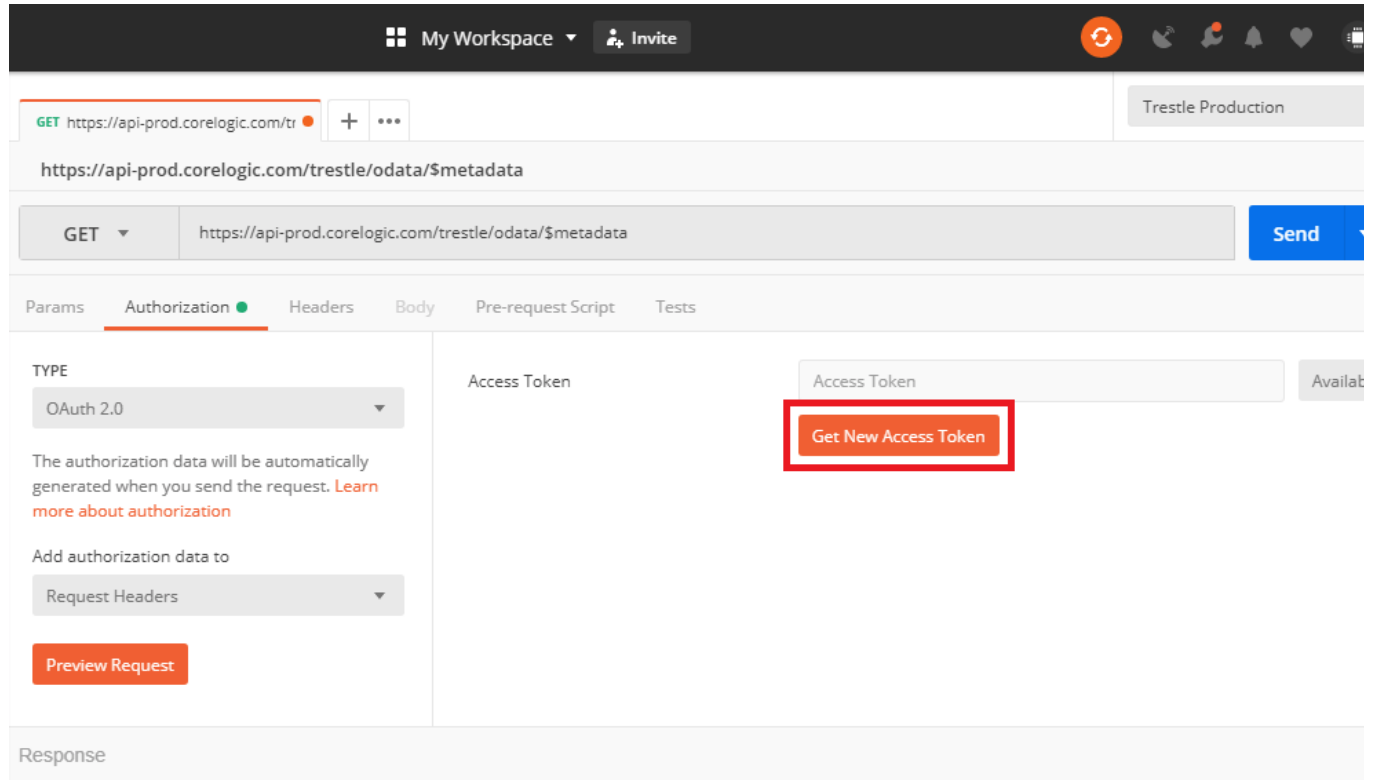
1. Login and Authentication: Get Access Token

Create a GET request to [https://api-prod.corelogic.com/trestle/odata/\\$metadata](https://api-prod.corelogic.com/trestle/odata/$metadata) using OAuth 2.0 authorization.



ACCESS TOKEN PARAMETERS

To enter the Access Token values, press the **Get New Access Token** button.



Enter the information for the new Access Token as described below.

- Token Name = [This is the name of the variable that is returned with your token. It can be anything. In Postman, you'll need to remember the name of the token for later requests.]
- Grant Type = Client Credentials
- Access Token URL = <https://api-prod.corelogic.com/trestle/oidc/connect/token>
- Client ID = [Your username]
- Client Secret = [Your password]
- Scope = api
- Client Authentication = Send client credentials in body

Press the **Request Token** button to get your token. The response comes back in a popup window.

GET NEW ACCESS TOKEN

Token Name: Demo Token

Grant Type: Client Credentials

Access Token URL: https://api-prod.corelogic.com/trestle/oidc/connect/token

Client ID: demoUser

Client Secret: demoSecret

Scope: api

Client Authentication: Send client credentials in body

Request Token

Scroll down in the popup window and press the **Use Token** button. The token is only good for a period of time. The **expires_in** value is the number of second this token is good for. [e.g., 3600 seconds = 1 hour]

MANAGE ACCESS TOKENS

ALL TOKENS	aWRfbGldzCl6ljIsNCw1liwiY2xpZW50X3Byb2R1Y3RfbmFtZSI6IlJFU08gV2VilEFQSSB0ZXN0aW5nIFRvb2wiLCJjbGllbnRfcHJvZHVjdF9kYXRhZmVlZlF9uYW1lJjoiUkVTTyBXZWlglQVBJlENlcnRpZmljYXRpb24iLCJjbGllbnRfY29tcGFueV9uYW1lJjoiIiwic2NvcGUuOiJhcGkifQ.IfXQc6ph2wS9-f2zFLiMERCt4tdJDO7DONP-FeMem-
Prod Token	
QA Odata / API Token	vzL0LNWr_lj19UUEd1PI1uoNUeoxqirLfvnlSM9Fs_hZyuxT6oaHk9ZWluhldmzjWlQgOXzleZesg7u1cMkvnETQxX0dTU9UHPjYMKlfgcjZtKmrIU177vLsbmM7ePpew7PofjBFGQF0OE2K3xvrSBI0alxTiZTtgoUcN60NfhYq_u0Akq-su_8M0lu1AUJESdZNXLLx80_flybSTb-YMH3DBeFp-
Prod API Token	
Demo Token	sj2CZjFqs_FCPalbRFBNO17YzQX5Ds_rZOsexBkh5y3HKVXo15X3-xmPOSmO8GxK0U689CGyzGAB7KA

Token Type: Bearer

expires_in: 3600

Use Token

2. Get Metadata

Create a GET request to [https://api-prod.corelogic.com/trestle/odata/\\$metadata](https://api-prod.corelogic.com/trestle/odata/$metadata) using OAuth 2.0 authorization.

Set the Access Token to the token from section 1. If you are using Postman, there is a dropdown named **Available Tokens** that will have the token from section 1 with the token name you gave it.

Click the **Send** button to get the XML metadata back.

The screenshot shows the Postman interface for a GET request to `https://api-prod.corelogic.com/trestle/odata/$metadata`. The request is configured with OAuth 2.0 authorization. The Access Token field contains `eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTUyLmR0b05Y...`. The response is displayed in XML format, showing the metadata for the `DataSystem` entity type.

```
1 <edmx:Edmx Version="4.0" xmlns:edmx="http://docs.oasis-open.org/odata/ns/edmx">
2   <edmx:DataServices>
3     <Schema Namespace="CoreLogic.DataStandard.RESO.WebAPI_1_0" xmlns="http://docs.oasis-open.org/odata/ns/edm">
4       <EntityType Name="DataSystem">
5         <Key>
6           <PropertyRef Name="ID" />
7         </Key>
8         <Property Name="ID" Type="Edm.String" Nullable="false" MaxLength="255" />
9         <Property Name="Name" Type="Edm.String" />
10        <Property Name="ServiceURI" Type="Edm.String" />
11        <Property Name="DateTimeStamp" Type="Edm.DateTimeOffset" Nullable="false" Precision="27" />
12        <Property Name="TransportVersion" Type="Edm.String" />
13        <Property Name="DataDictionaryVersion" Type="Edm.String" />

```

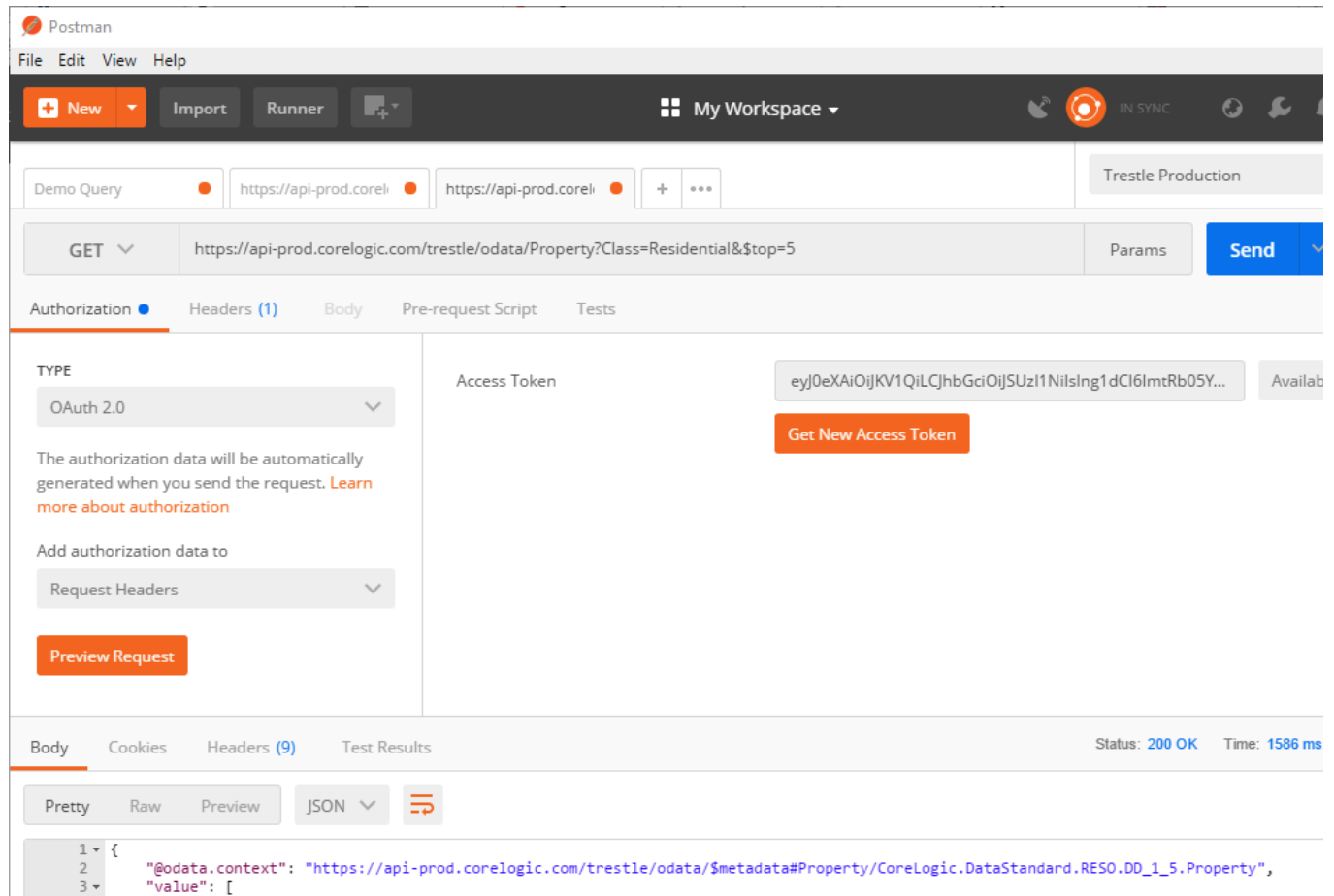
Retrieving Listing Data

3. Get Listings

Create a GET request to <https://api-prod.corelogic.com/trestle/odata/Property?Class=Residential&Stop=5> using OAuth 2.0 authorization and your Access Token.

The **Property** in this link is the resource we're querying. The **Class=Residential** is the property type to find listings in. We're limiting the results to only 5 records with **Stop=5** since this can be very resource intensive.

Click the **Send** button and you should see fields and data for 5 listings.



The screenshot shows the Postman interface for a REST client. The request is a GET to `https://api-prod.corelogic.com/trestle/odata/Property?Class=Residential&Stop=5`. The authorization is set to OAuth 2.0 with an access token. The response status is 200 OK and the time taken is 1586 ms. The response body is shown in JSON format, indicating the start of an OData response with a context and a value array.

```
1 {
2   "@odata.context": "https://api-prod.corelogic.com/trestle/odata/$metadata#Property/CoreLogic.DataStandard.RES0.DD_1_5.Property",
3   "value": [
```

4. Get Photo URLs

Create a GET request to [https://api-prod.corelogic.com/trestle/odata/Media/?\\$filter=ResourceRecordKey+eq+'252598921'&select=MediaURL&\\$top=2](https://api-prod.corelogic.com/trestle/odata/Media/?$filter=ResourceRecordKey+eq+'252598921'&select=MediaURL&$top=2) using OAuth 2.0 authorization and your Access Token.

The screenshot shows the Postman interface for a GET request. The URL is `https://api-prod.corelogic.com/trestle/odata/Media/?$filter=ResourceRecordKey+eq+'252598921'&select=MediaURL&$top=2`. The request is configured with OAuth 2.0 authorization, and the Access Token is `eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6ImtRb05Y...`. The response is shown in JSON format, indicating a 200 OK status.

```
1 {
2   "@odata.context": "https://api-prod.corelogic.com/trestle/odata/$metadata#Media/CoreLogic.DataStandard.RESO.DD_1_5.Media",
3   "value": [
4     {
5       "@trestle.resourceTypeName": "CoreLogic.DataStandard.RESO.DD_1_5.Media",
6       "@odata.type": "#CoreLogic.DataStandard.RESO.DD_1_5.Media",
7       "ResourceRecordKey": "252598921",
8       "MediaModificationTimestamp": "2016-05-27T17:47:46.993+00:00",
9       "ResourceName": "Property",
10      "SourceSystemName": null,
11      "OriginatingSystemMediaKey": "3914656",
12      "OriginatingSystemName": "CTEXAS",
13      "ShortDescription": null,
14      "MediaKey": "1116981",
15      "ImageWidth": null,
16      "ResourceRecordKeyNumeric": null,
17      "ChangedByMemberID": null
18    }
19  ]
20 }
```