Listing Data

How to Synchronize the Data

To synchronize the data between dash and vendor system, call the DELTA and GET methods one after the other. The following steps explains how to synchronize the Listing data:

- Call **Listings_Delta** method and provide 'From date' and 'To date' filter as input parameter along with the Brand, Company ID and Listing Type based on filter. You can perform this action in batches for a larger company.

- Retain all the listings GUIDs returned in the **Listings _Delta** method. Call **ResidentialSaleListings_Get** or **CommercialSaleListings_Get** method to receive all the details of listing. You need to store the data in the vendor system.

Listings_Delta

This method returns the list of listing GUIDs and Provider Identifier that are created or modified between specified date range (fromDate and toDate).
- Give the date range within one month to get better results.
- Make sure to add a two-minute overlap between subsequent delta calls. This helps you not to miss any data that are updated or created during the edge time.

Response:
- In response, entityGUID is the Listing GUID, which is the unique identifier in dash system.
- The Provider Identifier is the unique identifier in the vendor system.

GET Methods

Use the Get methods to fetch all the information about the listings by passing Listing GUID/ProviderIdentifier from the delta method response.

- **ResidentialSaleListings_Get** - This method gives you the detailed information about the Residential listings.
- **CommercialSaleListings_Get** - This method gives you the detail information about the Commercial listings.

ResidentialSaleListings_Get

This method is to get the Listing details by passing ListingGUID or ProviderIdentifier. ProviderIdentifier returns the data if you are the provider for that listing.

CommercialSaleListings_Get

The CommercialSaleListings_Get method is the same as ResidentialSaleListing_Get method. This method gives the detailed information about commercial Sale listing. The parameter for this method is commercial sale listing GUID/provideridentifier.

Search Methods

The search methods are used to get the summary of marketed listings. This method returns all the active listings summary.

- **Listing_SearchByCompany** - This method gives the summary of all the marketed listings for CommercialSale, ResidentialSale, Commercial Lease & Residential Rental based on the Company GUID.
- **Listings_SearchByOffice** - This method gives the summary of the marketed listings for CommercialSale, ResidentialSale, Commercial Lease & Residential Rental based on the office GUID.

Listing_SearchByCompany

The Listing_SearchBy Company gives the summary information of listings under the company. The parameter for this method is the company GUID.

Listings_SearchByOffice

The Listing_SearchByOffice is same as Listing_SearchByCompany method. This method gives the summary information of listings that are under the office. The parameter for this method is office GUID.

How to Add or Update the Record

You can insert or update the data into the dash system with the use of Batch or Real time methods in dashAPI.

Batch

Batches_Post - This method is used to insert or update the data to dash system. The data must pass as xml file in post request.

Real Time

POST: This method is used to insert data in to dash system. This method creates a new GUID in the dash system on successful submission. The GUID is a unique identifier in dash system.

PUT: This method is used to update the data in the dash system. The parameter for the method is the ID or provider identifier.

Batches_Post

The parameter values for submitting the batch file are as follows:

- Make sure that the content type given is **Multipart/form-data** and it need to define boundary.

- The **schemaVersion** value is "**1.0**". Add the "content type" in XML request body.

Content Type: **multipart/form-data; boundary="----=_Part_20_651659113.1512765267458"**

Click the **Send** button and submit your request. On successful submission, the system generates 201 Created and returns the batch ID in response.

Verify the batch ID in **Batches_Get** method to know the status of the request. Pass **Batch ID** as the parameter in the request.
The status in the response is "Success" if the data get updated in dash. The status in the response is "Failure" if the request didn't satisfy the business rule and gives the reason for the failure in the response.

ResidentialSaleListings_Post

The ResidentialSaleListings_Post method is used to add new Residential Sale listing to the dash system. The request body should contain Residential Sale Listing Details in json format. The successful submission returns the Listing GUID in response. Pass the GUID in **ResidentialSaleListings_Get** method to get Listing details for the newly generated listing.

CommercialSaleListings_Post

This CommercialSaleListings_Post method is used to add a new Commercial Sale listing to the system. This method is same **ResidentialSaleListings_Post** method.

ResidentialSaleListings_Put

This method is used to update an existing Residential Sale listing by using Listing GUID or ProviderIdentifier. The **idType** is either "id" or "providerid" depending on the value. You must set the value to "id" if Listing GUID is provided as an identifier. If the identifier provided is ProviderIdentifier, you must enter the idType as "providerid". The request body should contain Residential Sale Listing Details in json format.

CommercialSaleListings_Put

This method is used to update an existing Commercial Sale listing by using Listing GUID or ProviderIdentifier. This method is same as the ResidentialSaleListings_Put method.