

LDM External API

The **Location Data Manager (LDM) API** is an external-facing API used to create and modify LMEs (Local Marketing Entities) in a hierarchy within the LDM application. LDM is a dedicated application designed to store, manage, and retrieve location entity (LME) details in a specific format, making them accessible for Ansira applications such as Ansira Create, Ansira Incent, etc. Location/LME information is organized into hierarchies for each Business Unit/Tenant, where a Tenant can have multiple hierarchies.

See more about LDM here: [LDM - Location Data Manager](#)

i Pre-Requisites for Implementation

The following configurations must be completed at the beginning of the implementation:

1. **Tenant Creation**

Set up the tenant environment before proceeding with any other configurations.

2. **User Group Setup**

All required user groups must be created in advance.

3. **Subscription Key Configuration**

Each data payload must include a subscription or authentication key to allow Incent to validate the request source.

- A tenant-specific API subscription key must be generated and stored securely in the key vault.
- This key must be created via a help ticket to the Infrastructure team.

4. **Hierarchy Definition**

A hierarchy name must be defined before creating location entities under it.

5. **Hierarchy Structure Setup (Single vs. Multi-Parent)**

Configure if the hierarchy will follow a **single-parent** or **multi-parent** structure. This choice must be made prior to hierarchy creation.

f API Guidelines

Max Payload Limit

The maximum size for an API payload is 250 KB, but the incoming payload size limit is 250 KB. This means that the payload must be kept under 250 KB to avoid errors.

API Rate Limit

The API allows 10 requests per minute. However, each request can contain multiple data points. This limit is crucial to avoid hitting rate-limiting errors.

We process one request at a time. Subsequent API requests will be queued to avoid performance impacts, but wait time for user and location creation/edits would increase.

Need to inform the client that if they get a 429 error code, then they need to wait and re-trigger.

Max Users per LME/Location

Each payload can include up to 10 users per LME/Location. This places a restriction on how many users can be associated with an LME in a single payload.

Max Groups per User

Each payload can include up to 25 groups per user. This places a restriction on how many groups can be associated with a user in a single payload.

Max Location Attributes Per Object

Each location payload can include up to 10 attributes per Object. This places a restriction on how many additional attributes can be associated with an LME in a single payload.

Max User Custom Properties

A single user can have up to 50 custom properties.

User Mapping to Groups

Users must be mapped to existing groups. The groups should already be created manually in the system beforehand, meaning you cannot dynamically create groups through this API.

Corporate LME Setup

The corporate LME must be included in the first payload, as it is the top of the hierarchy. Other LMEs can only be created or updated after the corporate LME is established.

Users for LMEs

Users are mandatory for creating LMEs in the LDM, but they are optional when creating LMEs in BrandBuilder (Ansira Create).

Product Types (LME/location payloads only)

The Product Type attribute in the payload determines the application where the LMEs should be created or modified. There are three product type values, namely Ansira Create (BrandBuilder), LDM, and All.

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1. Users

Users are responsible for the actions and operations of the LME. Users are mapped to LMEs. They will have access to the Ansira application based on permissions.

1.1 Create User

1.1.1 API Request

1.1.1.1 Request Method: **POST**

1.1.1.2 Request URL:

```
1 /tenants/{tenantId}/users
```

1.1.1.3 Request JSON:

```
1 [
2   {
3     "firstName": "string",
4     "lastName": "string",
5     "userName": "string",
6     "parentUserName": "string",
7     "groups": [
8       "string"
9     ],
10    "profileProperties": {
11      "email": "string",
12      "address": "string",
13      "address2": "string",
14      "address3": "string",
15      "telephone": "string",
16      "fax": "string",
17      "city": "string",
18      "state": "string",
19      "zipCode": "string",
20      "country": "string",
21      "title": "string",
22      "businessName": "string",
23      "businessType": "string",
24      "registrationCodes": "string",
25      "billingInfoField1": "string",
26      "billingInfoField2": "string",
27      "billingState": "string",
28      "billingCountry": "string",
29      "billingZipcode": "string",
30      "billingContactName": "string",
31      "billingContactPhone": "string",
32      "region": "string",
33      "regionMarket": "string",
34      "timeZoneCode": "string",
35      "managers": "string",
36      "approvers": "string",
37      "userCode": "string",
38      "locationCode": "string",
39      "creativeApprovers": "string",
```

```

40     "deliveryApprovers": "string",
41     "crmEmail": "string",
42     "locale": "string",
43     "webAddress": "string",
44     "clientUserID": "string",
45     "mobile": "string",
46     "custom1": "string",
47     "custom2": "string",
48     "custom3": "string",
49     "custom4": "string",
50     "custom5": "string",
51     "custom6": "string",
52     "custom7": "string",
53     "custom8": "string",
54     "custom9": "string",
55     "custom10": "string"
56 }
57 ]

```

1.1.1.3.1 Sample Payload-Create User

```

1 [
2   {
3     "FirstName": "FName",
4     "LastName": "LName",
5     "UserName": "TestUser11",
6     "parentUsername": "TestUser2",
7     "groups": [
8       "Briggs & Stratton Brand"
9     ],
10    "profileProperties": {
11      "email": "test123@gmail.com",
12      "address": "Address1",
13      "address2": "Address2",
14      "address3": "Address3",
15      "telephone": "234546676",
16      "fax": "5657689",
17      "city": "WILLOWS test",
18      "state": "CA test",
19      "zipCode": "95988",
20      "country": "USA",
21      "title": "test title",
22      "businessName": "test business Name",
23      "businessType": "test Business Type",
24      "registrationCodes": "test Registration codes",
25      "billingInfoField1": "test billingInfoField1",
26      "billingInfoField2": "test billingInfoField2",
27      "billingState": "test billingState",
28      "billingCountry": "test billingCountry",
29      "billingZipcode": "Test123",
30      "billingContactName": "test contact Name",
31      "billingContactPhone": "5679890",
32      "region": "test region",
33      "regionMarket": "test regionMarket",
34      "timeZoneCode": "test timeZoneCode ",
35      "managers": "test managers",
36      "approvers": "test approvers",
37      "userCode": "test userCode",
38      "locationCode": "test locationCode",
39      "creativeApprovers": "test creativeApprovers",
40      "deliveryApprovers": "test deliveryApprovers",
41      "crmEmail": "test2@gmail.com",
42      "locale": "test locale",
43      "webAddress": "www.test.com",
44      "mobile": "465734859",
45      "custom1": "test custom1",
46      "custom2": "test custom2",
47      "custom3": "test custom3",
48      "custom4": "test custom4",
49      "custom5": "test custom5",
50      "custom6": "test custom6",
51      "custom7": "test custom7",
52      "custom8": "test custom8",
53      "custom9": "test custom9",
54      "custom10": "test custom10"
55    }
56   }
57 ]

```

1.1.1.4 Request Fields and Description

Parameter	Data Type	Validation	Field Character Limit	Description
tenantId	string	Mandatory	NA	Is the unique identification name of the tenant. Client must always pass it in the URL. It will be provided by the Ansira implementation team.
firstName	string	Mandatory	100	First Name of the user
lastName	string	Mandatory	100	Last Name of the user
userName	string	Mandatory	100	Username of the user. It must be unique and mandatory.
parentuserName	string	Optional	100	Parent username of the user who has permission to view the work of the user.
groups	string[]	Mandatory	NA	This is the group in which the user will be part of. It defines roles and permissions for the user. It will be provided by the Ansira implementation team during onboarding.
profileProperties	Object	Optional	NA	Profile properties of the user
email	string	Optional but must be a valid email id	100	email id of the user
address	string	Optional	100	Address of the user
address2	string	Optional	100	Address2 of the user

address3	string	Optional	100	Address3 of the user
telephone	string	Optional	100	Phone number of the user
fax	string	Optional	100	
city	string	Optional	100	City of the user
state	string	Optional	50	State of the user
zipCode	string	Optional	100	Zip Code or postal code of the user's address
country	string	Optional	50	The country where the user resides
title	string	Optional	100	Business title of the user
businessName	string	Optional	100	Business Name of the user
businessType	string	Optional	100	Business type of the user
registrationCodes	string	Optional	200	Registration code of the user.
billingInfoField1	string	Optional	100	
billingInfoField2	string	Optional	100	
billingState	string	Optional	50	Billing state of the user
billingCountry	string	Optional	20	Billing country of the user
billingZipcode	string	Optional	10	Billing zip code of the user
billingContactName	string	Optional	50	Billing contact name of the user
billingContactPhone	string	Optional	20	Billing contact phone of the user
region	string	Optional	100	
regionMarket	string	Optional	50	
timeZoneCode	string	Optional	30	Time Zone of the user
managers	string	Optional	100	
approvers	string	Optional	100	

userCode	string	Optional	60	
locationCode	string	Optional	50	Location code of the user mapped with
creativeApprovers	string	Optional	50	Users who can approve the jobs like template.
deliveryApprovers	string	Optional	50	Users who can approve the orders
crmEmail	string	Optional but must be a valid email id	50	
locale	string	Optional	25	locale of the user used to configure the language of the site.
clientUserID	string	Optional	50	User Id of the user which is stored in Client's side DB.
webAddress	string	Optional	100	
mobile	string	Optional	50	Mobile phone number of the user
custom1	string	Optional	200	Custom Field
custom2	string	Optional	200	Custom Field
custom3	string	Optional	200	Custom Field
custom4	string	Optional	200	Custom Field
custom5	string	Optional	200	Custom Field
custom6	string	Optional	200	Custom Field
custom7	string	Optional	200	Custom Field
custom8	string	Optional	200	Custom Field
custom9	string	Optional	200	Custom Field
custom10	string	Optional	200	Custom Field

1.1.2 API Response:

1.1.2.1 Response JSON:

```

1 //For Success
2 {

```

```
3 "Status": "Success",
4 "requestId": "string"
5 }
```

1.1.2.2 Response Fields and Description:

Parameter	Data Type	Description
Status	string	This defines whether the API call was successful or failed.
requestId	string	This is the request ID, which gets generated after create/update/delete API request. Request ID is used to check success or failure of this API request.

1.2 Update User

1.2.1 API Request

1.2.1.1 Request Method: PUT

1.2.1.2 Request URL:

```
1 /tenants/{tenantId}/users
```

1.2.1.3 Request JSON:

```
1 [
2   {
3     "firstName": "string",
4     "lastName": "string",
5     "userName": "string",
6     "parentUserName": "string",
7     "groups": [
8       "string"
9     ],
10    "profileProperties": {
11      "email": "string",
12      "address": "string",
13      "address2": "string",
14      "address3": "string",
15      "telephone": "string",
16      "fax": "string",
17      "city": "string",
18      "state": "string",
19      "zipCode": "string",
20      "country": "string",
21      "title": "string",
22      "businessName": "string",
23      "businessType": "string",
24      "registrationCodes": "string",
25      "billingInfoField1": "string",
26      "billingInfoField2": "string",
27      "billingState": "string",
28      "billingCountry": "string",
29      "billingZipcode": "string",
30      "billingContactName": "string",
31      "billingContactPhone": "string",
32      "region": "string",
33      "regionMarket": "string",
34      "timeZoneCode": "string",
35      "managers": "string",
36      "approvers": "string",
37      "userCode": "string",
38      "locationCode": "string",
39      "creativeApprovers": "string",
40      "deliveryApprovers": "string",
41      "crmEmail": "string",
42      "locale": "string",
43      "webAddress": "string",
44      "clientUserID": "string",
45      "mobile": "string",
46      "custom1": "string",
47      "custom2": "string",
48      "custom3": "string",
49      "custom4": "string",
50      "custom5": "string",
51      "custom6": "string",
52      "custom7": "string",
53      "custom8": "string",
```

```

54     "custom9": "string",
55     "custom10": "string"
56   }
57 ]

```

1.1.1.3.1 Sample Payload-Update User

```

1 [
2   {
3     "FirstName": "FName",
4     "LastName": "LName",
5     "UserName": "TestUser11",
6     "parentUsername": "TestUser2",
7     "groups": [
8       "Briggs & Stratton Brand"
9     ],
10    "profileProperties": {
11      "email": "test123@gmail.com",
12      "address": "Address1",
13      "address2": "Address2",
14      "address3": "Address3",
15      "telephone": "234546676",
16      "fax": "5657689",
17      "city": "WILLOWS test",
18      "state": "CA test",
19      "zipCode": "95988",
20      "country": "USA",
21      "title": "test title",
22      "businessName": "test business Name",
23      "businessType": "test Business Type",
24      "registrationCodes": "test Registration codes",
25      "billingInfoField1": "test billingInfoField1",
26      "billingInfoField2": "test billingInfoField2",
27      "billingState": "test billingState",
28      "billingCountry": "test billingCountry",
29      "billingZipcode": "Test123",
30      "billingContactName": "test contact Name",
31      "billingContactPhone": "5679890",
32      "region": "test region",
33      "regionMarket": "test regionMarket",
34      "timeZoneCode": "test timeZoneCode ",
35      "managers": "test managers",
36      "approvers": "test approvers",
37      "userCode": "test userCode",
38      "locationCode": "test locationCode",
39      "creativeApprovers": "test creativeApprovers",
40      "deliveryApprovers": "test deliveryApprovers",
41      "crmEmail": "test2@gmail.com",
42      "locale": "test locale",
43      "webAddress": "www.test.com",
44      "mobile": "465734859",
45      "custom1": "test custom1",
46      "custom2": "test custom2",
47      "custom3": "test custom3",
48      "custom4": "test custom4",
49      "custom5": "test custom5",
50      "custom6": "test custom6",
51      "custom7": "test custom7",
52      "custom8": "test custom8",
53      "custom9": "test custom9",
54      "custom10": "test custom10"
55    }
56   }
57 ]

```

1.2.1.4 Request Fields and Description:

Parameter	Data Type	Validation	Field Character Limit	Description
tenantId	string	Mandatory	NA	It is the unique identification name of the tenant. Client has to pass it always in the URL. It will be provided by

				the Ansira implementation team.
firstName	string	Optional	100	First Name of the user
lastName	string	Optional	100	Last Name of the user
userName	string	Mandatory	100	username of the user. It must be unique and mandatory
parentuserName	string	Optional	100	parent username of the user who has permission to view the work of the user.
groups	string[]	Optional	NA	This is the group in which the user will be part of. It defines roles and permissions for the user. They will be provided by the Ansira implementation team during onboarding.
profileProperties	Object	Optional	NA	Profile properties of the user
email	string	Optional but must be a valid email id	100	email id of the user
address	string	Optional	100	Address of the user
address2	string	Optional	100	Address2 of the user
address3	string	Optional	100	Address3 of the user
telephone	string	Optional	100	Telephone number of the user
fax	string	Optional	100	
city	string	Optional	100	City of the user.

state	string	Optional	50	State of the user.
zipCode	string	Optional	100	it is the zip Code of the user's address
country	string	Optional	50	It is the country where the user resides
title	string	Optional	100	Business title of the user.
businessName	string	Optional	100	Business Name of the user
businessType	string	Optional	100	Business type of the user
registrationCodes	string	Optional	200	registration code of the user.
billingInfoField1	string	Optional	100	
billingInfoField2	string	Optional	100	
billingState	string	Optional	50	Billing state of the user
billingCountry	string	Optional	20	Billing country of the user
billingZipcode	string	Optional	10	Billing zip code of the user
billingContactName	string	Optional	50	Billing contact name of the user
billingContactPhone	string	Optional	20	Billing contact phone Business of the user
region	string	Optional	100	
regionMarket	string	Optional	50	
timeZoneCode	string	Optional	30	Time Zone of the user
managers	string	Optional	100	
approvers	string	Optional	100	
userCode	string	Optional	60	
locationCode	string	Optional	50	Location code of the user mapped with
creativeApprovers	string	Optional	50	Users who can approve the jobs like template.

deliveryApprovers	string	Optional	50	Users who can approve the orders
crmEmail	string	Optional but must be a valid email id	50	
locale	string	Optional	25	locale of the user used to configure the language of the site.
clientUserID	string	Optional	50	User Id of the user which is stored in Client's side DB.
webAddress	string	Optional	100	
mobile	string	Optional	50	Mobile number of the user
custom1	string	Optional	200	Custom Field
custom2	string	Optional	200	Custom Field
custom3	string	Optional	200	Custom Field
custom4	string	Optional	200	Custom Field
custom5	string	Optional	200	Custom Field
custom6	string	Optional	200	Custom Field
custom7	string	Optional	200	Custom Field
custom8	string	Optional	200	Custom Field
custom9	string	Optional	200	Custom Field
custom10	string	Optional	200	Custom Field

1.2.2 API Response:

1.2.2.1 Response JSON:

```

1 //For Success
2 {
3   "Status": "Success",
4   "requestId": "string"
5 }

```

1.2.2.2 Response Fields and Description

Parameter	Data Type	Description
Status	string	This defines whether the API call was successful or failed.
requestId	string	This is the request ID, which gets created after create/update/delete API request. Request ID is used to

check success or failure of this API request.

1.3 Delete User

1.3.1 API Request

1.3.1.1 Request Method: **DELETE**

1.3.1.2 Request URL:

```
1 /tenants/{tenantId}/users/{userName}
```

1.3.1.2.1 Sample Payload-Delete User

<https://cfm-stage-apim.azure-api.net/user/tenantId/northstar/users/TestUser11>

1.3.1.3 Request Fields and Description

Parameter	Data Type	Validation	Description
tenantId	string	Mandatory	It is the unique identification number of the tenant. Client has to pass it always in the URL. It will be provided by the Ansira implementation team.
userName	string	Mandatory	username of the user. It is unique and mandatory

1.3.2 API Response:

1.3.2.1 Response JSON:

```
1 //For Success
2 {
3   "Status": "Success",
4   "requestId": "string"
5 }
```

1.3.2.2 Response Fields and Description

Parameter	Data Type	Description
status	string	This defines whether the API call was successful or failed.
requestId	string	This is the request ID, which gets created after create/update/delete API request. Request ID is used to check success or failure of this API request.

1.4 Get Request Status:

1.4.1 API Request

1.4.1.1 Request Method: **GET**

1.4.1.2 Request URL:

```
1 /tenants/{tenantId}/users/requests/{requestId}
```

1.4.1.3 Request Fields and Description

Parameter	Data Type	Description
tenantId	string	It is the unique identification number of the tenant. Client has to pass it always in the URL. It will be provided by the Ansira

		implementation team.
requestId	string	This is the request ID, which gets created after creation/update/delete request. Passing this requestId helps to identify whether the create/update/delete request was successful or failed.

1.4.2 API Response

1.4.2.1 Response JSON:

```

1 //When the request is still in progress
2 {
3   "Status": "Processing",
4   "Message": "The request is being processed."
5 }
6
7 //For Create Success
8 {
9   "Status": "Success",
10  "Message": "User(s) are created successfully."
11 }
12
13 //For Update Success
14 {
15   "Status": "Success",
16   "Message": "User(s) are updated successfully."
17 }
18
19 //For Delete Success
20 {
21   "Status": "Success",
22   "Message": "User is deleted successfully."
23 }
24
25 //For Create/Update Failure
26 {
27   "Status": "Failed",
28   "FailedUserPayload": [
29     "payload with error messages while creating/updating user(s)."
30   ]
31 }
32
33 //For Delete Failure
34 {
35   "Status": "Failed",
36   "Message": "error message while deleting user."
37 }

```

1.4.2.2 Response Fields and Description:

Parameter	Data Type	Description
Status	string	This defines whether the API call was successful or failed.
message	string	In case the API call fails, it will give the payload with proper message with the reason of failure
FailedUserPayload	Json []	payload with error messages while creating/updating user(s).

2. LMEs

LMEs are entities that define the hierarchy of the organization. It can be stores or agents. The users will be mapped to LMEs and can access Ansira applications based on permissions.

2.1 Create LME

2.1.1 API Request

2.1.1.1 Request URL:

```
1 /tenantId/{tenantId}/location
```

2.1.1.2 Request JSON:

```
1 [
2   {
3     "locationCode": "string",
4     "locationName": "string",
5     "hierarchyName": "string",
6     "parentLocationCode": "string",
7     "userName": [
8       "string"
9     ],
10    "tier": "string",
11    "productType": "string",
12    "attributes": {
13      "additionalProp1": "string",
14      "additionalProp2": "string",
15      "additionalProp3": "string"
16    },
17    "brandBuilderCustomFields": {
18      "region": "string",
19      "market": "string",
20      "dma": "string",
21      "contactName": "string",
22      "contactName2": "string",
23      "contactName3": "string",
24      "contactName4": "string",
25      "customDropDown1": "string",
26      "customDropDown2": "string",
27      "customDropDown3": "string",
28      "customDropDown4": "string",
29      "customDropDown5": "string",
30      "addressLine3": "string",
31      "directionalLine": "string",
32      "directionalLine2": "string",
33      "directionalLine3": "string",
34      "businessType": "string",
35      "customField1": "string",
36      "customField2": "string",
37      "customField3": "string",
38      "customField4": "string",
39      "customField5": "string",
40      "url": "string",
41      "businessHours": "string",
42      "businessHours2": "string",
43      "businessHours3": "string",
44      "facebookURL": "string",
45      "twitterURL": "string",
46      "linkedinURL": "string",
47      "googlePlusURL": "string"
48    },
49    "address": {
50      "addressLine1": "string",
51      "addressLine2": "string",
52      "city": "string",
53      "state": "string",
54      "zip": "string",
55      "country": "string",
56      "phone": "string",
57      "email": "string"
58    }
59  }
60 ]
```

2.1.1.2.1 Sample Payload - Create Location

```
1 [
2   {
3     "locationName": "test_AnsiraBlr",
4     "LocationCode": "test_M0001",
5     "ParentLocationCode": "2222",
6     "HierarchyName": "org",
7     "UserName": [
8       "Test_TraneUser"
9     ],
10    "Tier": "Distributor",
11    "productType": "All",
12    "attributes": {
13      "County": "CA",
14      "Brand": "Trane",
15      "Type": "TypeDemo"
16    },
17    "brandBuilderCustomFields": {
18      "region": "Test Region",
```

```

19     "market": "Test Market",
20     "dma": "dma",
21     "contactName": "AnsiraBlr",
22     "contactName2": null,
23     "contactName3": "Blr",
24     "contactName4": "Ansira",
25     "customDropDown1": "test custom1",
26     "customDropDown2": "test custom2",
27     "customDropDown3": "test custom3",
28     "customDropDown4": "test custom4",
29     "customDropDown5": "test custom5",
30     "addressLine3": "220 W",
31     "directionalLine": "18918 st",
32     "directionalLine2": "2nd cross",
33     "directionalLine3": "3rd line",
34     "businessType": "Dealer",
35     "customField1": null,
36     "customField2": "test Field 2",
37     "customField3": "test Field 3",
38     "customField4": "test Field 4",
39     "customField5": "test Field 5",
40     "url": "testanira@test.com",
41     "businessHours": "10:00",
42     "businessHours2": "10 hrs",
43     "businessHours3": "17:00",
44     "facebookURL": "testfb@facebook.com",
45     "twitterURL": "testx@twitter.com",
46     "linkedinURL": "testlinkedin@test.com",
47     "googlePlusURL": null
48   },
49   "Address": {
50     "AddressLine1": "220 W 42nd St",
51     "City": "New York",
52     "State": "NY",
53     "Zip": "10036",
54     "Country": "USA",
55     "Phone": "+1 212-840-0613",
56     "Email": "contact@usmcdonalds.com"
57   }
58 }
59 ]

```

2.1.1.3 Request Fields and Description

Parameter	Data Type	Validation	Field Character Limit	Description
tenantId	string	Mandatory	NA	It is the unique identification number of the tenant. Client has to pass it always in the URL. It will be provided by the Ansira implementation team.
locationName	string	Mandatory	100	It is the display name/business name of the LME
locationCode	string	Mandatory	100	It is the unique identification number of the LME
hierarchyName	string	Mandatory	20	This is hierarchy name. This is usually defined during the

				<p>hierarchy set up for onboarding of the client. Based on client requirement it will be defined during implementation.</p> <p>This hierarchy name is optional when the product type is "BrandBuilder."</p>
parentlocationCode	string	Optional	100	<p>The unique identifier of the LME. For the top level LME, parentlocationCode is not mandatory, but for the below levels it is mandatory.</p>
userName	string []	Mandatory	50	<p>It is the username of the user who will mapped to the LME.</p> <p>This userName is optional when the product type is "BrandBuilder."</p>
tier	string	Mandatory	50	<p>This is user tier(LME Type) defined by client.</p> <p>This tier is optional when the product type is "BrandBuilder."</p>
productType	string	Mandatory	NA	<p>It is a pre-populated field, client has use any one of these 3 - "BrandBuilder", "LDM" and "All".</p> <p>This will be defined by implementation during onboarding of the client</p>

attributes	<pre>1 [{ 2 "Key": "string" 3 , 4 "Value": "string" 5 }]</pre>	Optional	key: 50 Value: 100	Here the client can send their additional information here as "key"- "value" pair
brandBuilderCustomFields	object	Optional	NA	Here, the client can send brandBuilder custom information.
address	string	Mandatory	NA	This is the address of the LME
addressLine1	string	Mandatory	50	This is the address of the LME
addressLine2	string	Optional	50	This is the address of the LME
city	string	Mandatory	50	This is the city of the LME
state	string	Mandatory	50	This is the state of the LME
zip	string	Mandatory	50	This is the zipcode of the LME
country	string	Mandatory	50	This is the country of the LME
phone	string	Optional	100	This is the primary phone number of the LME
email	string	Mandatory	100	This is the primary email ID of the LME
region	string	Optional	50	Region of the Location
market	string	Optional	50	
dma	string	Optional	50	
contactName	string	Optional	100	Contact name of the Location
contactName2	string	Optional	50	Additional Contact Name of the Location

contactName 3	string	Optional	50	Additional Contact Name of the Location
contactName 4	string	Optional	50	Additional Contact Name of the Location
customDropDown1	string	Optional	50	Custom Field
customDropDown2	string	Optional	50	Custom Field
customDropDown3	string	Optional	50	Custom Field
customDropDown4	string	Optional	50	Custom Field
customDropDown5	string	Optional	100	Custom Field
addressLine 3	string	Optional	50	Address Line 3 of the Location
directional Line	string	Optional	50	
directional Line2	string	Optional	25	Additional directional Line of the Location
directional Line3	string	Optional	25	Additional directional Line of the Location
businessType	string	Optional	50	
customField 1	string	Optional	50	Custom Field
customField 2	string	Optional	50	Custom Field
customField 3	string	Optional	50	Custom Field
customField 4	string	Optional	50	Custom Field

customField5	string	Optional	50	Custom Field
url	string	Optional	100	
businessHours	string	Optional	50	Business hours of the Location
businessHours2	string	Optional	50	Additional businessHours of the Location
businessHours3	string	Optional	50	Additional businessHours of the Location
facebookURL	string	Optional	100	Facebook URL of the Location
twitterURL	string	Optional	50	Twitter (X) URL of the Location
linkedinURL	string	Optional	100	LinkedIn URL of the Location
googlePlusURL	string	Optional	100	Google Plus URL for the location.

2.1.2 API Response:

2.1.2.1 Response JSON:

```

1 //For Success
2 {
3   "Status": "Success",
4   "requestId": "string"
5 }

```

2.1.2.2 Response Fields and Description

Parameter	Data Type	Description
success	boolean	This will define whether the API call was successful or it failed.
requestId	string	This is the request ID, which gets created after create/update/delete API request. Request ID is used to check success or failure of this API request.
message	string []	In case the API call fails it will give the proper message with the reason of failure

2.2 Update LME:

2.2.1 API Request

2.2.1.1 Request URL:

```

1 /tenantId/{tenantId}/location

```

2.2.1.2 Request JSON:

```
1 [
2   {
3     "locationCode": "string",
4     "locationName": "string",
5     "hierarchyName": "string",
6     "parentLocationCode": "string",
7     "userName": [
8       "string"
9     ],
10    "tier": "string",
11    "productType": "string",
12    "attributes": {
13      "additionalProp1": "string",
14      "additionalProp2": "string",
15      "additionalProp3": "string"
16    },
17    "brandBuilderCustomFields": {
18      "region": "string",
19      "market": "string",
20      "dma": "string",
21      "contactName": "string",
22      "contactName2": "string",
23      "contactName3": "string",
24      "contactName4": "string",
25      "customDropDown1": "string",
26      "customDropDown2": "string",
27      "customDropDown3": "string",
28      "customDropDown4": "string",
29      "customDropDown5": "string",
30      "addressLine3": "string",
31      "directionalLine": "string",
32      "directionalLine2": "string",
33      "directionalLine3": "string",
34      "businessType": "string",
35      "customField1": "string",
36      "customField2": "string",
37      "customField3": "string",
38      "customField4": "string",
39      "customField5": "string",
40      "url": "string",
41      "businessHours": "string",
42      "businessHours2": "string",
43      "businessHours3": "string",
44      "facebookURL": "string",
45      "twitterURL": "string",
46      "linkedinURL": "string",
47      "googlePlusURL": "string"
48    },
49    "address": {
50      "addressLine1": "string",
51      "addressLine2": "string",
52      "city": "string",
53      "state": "string",
54      "zip": "string",
55      "country": "string",
56      "phone": "string",
57      "email": "string"
58    }
59  }
60 ]
```

2.2.1.2.1 Sample Payload -Update Location

```
1 [
2   {
3     "locationName": "test_AnsiraBlr",
4     "LocationCode": "test_MD001",
5     "ParentLocationCode": "2222",
6     "HierarchyName": "org",
7     "UserName": [
8       "Test_TraneUser"
9     ],
10    "Tier": "Distributor",
11    "productType": "All",
12    "attributes": {
13      "County": "CA",
14      "Brand": "Trane",
15      "Type": "TypeDemo"
16    },
17    "brandBuilderCustomFields": {
18      "region": "Test Region",
```

```

19     "market": "Test Market",
20     "dma": "dma",
21     "contactName": "AnsiraBlr",
22     "contactName2": null,
23     "contactName3": "Blr",
24     "contactName4": "Ansira",
25     "customDropDown1": "test custom1",
26     "customDropDown2": "test custom2",
27     "customDropDown3": "test custom3",
28     "customDropDown4": "test custom4",
29     "customDropDown5": "test custom5",
30     "addressLine3": "220 W",
31     "directionalLine": "18918 st",
32     "directionalLine2": "2nd cross",
33     "directionalLine3": "3rd line",
34     "businessType": "Dealer",
35     "customField1": null,
36     "customField2": "test Field 2",
37     "customField3": "test Field 3",
38     "customField4": "test Field 4",
39     "customField5": "test Field 5",
40     "url": "testanira@test.com",
41     "businessHours": "10:00",
42     "businessHours2": "10 hrs",
43     "businessHours3": "17:00",
44     "facebookURL": "testfb@facebook.com",
45     "twitterURL": "testx@twitter.com",
46     "linkedinURL": "testlinkedin@test.com",
47     "googlePlusURL": null
48   },
49   "Address": {
50     "AddressLine1": "220 W 42nd St",
51     "City": "New York",
52     "State": "NY",
53     "Zip": "10036",
54     "Country": "USA",
55     "Phone": "+1 212-840-0613",
56     "Email": "contact@usmcdonalds.com"
57   }
58 }
59 ]

```

2.2.1.3 Request Fields and Description :

Parameter	Data Type	Validation	Field Character Limit	Description
tenantId	string	Mandatory	NA	It is the unique identification number of the tenant. Client has to pass it always in the URL. It will be provided by the Ansira implementation team.
locationName	string	Optional	100	It is the display name/business name of the LME
locationCode	string	Mandatory	100	It is the unique identification number of the LME. It is mandatory to pass in the request URL as

				well to fetch the specific LME.
hierarchyName	string	Optional	20	<p>This is hierarchy name. This is usually defined during the hierarchy set up for onboarding of the client. Based on client requirement it will be defined by the BrandMuscle.</p> <p>Note:</p> <p>To update the hierarchy name for a non-top-level LME, both the hierarchy name and the parent LME code must be provided together.</p>
parentlocationCode	string	Optional	100	<p>The unique identifier of the LME</p> <p>Note:</p> <p><i>parentlocationCode</i> and <i>hierarchyName</i> should be provided together to update the <i>parentlocationCode</i>.</p>
userName	string []	Optional	50	It is the username of the user who will mapped to the LME
tier	string	Optional	50	This is user tier (LME Type) defined by client.
productType	string	Optional	NA	This will define whether the LME can be managed through LDM or Ansira Create (BB)
attributes	<pre>1 [{"Key": "string"} 2]</pre>	Optional	key: 50 Value: 100	Here the client can send their

	<pre>3 "value":"string" 4 }]</pre>			additional information here as "key"- "value" pair
brandBuilderCustomFields	object	Optional	NA	Here, the client can send Ansira Create custom information.
address	string	Optional	NA	This is the address of the LME
addressLine1	string	Optional	50	This is the address of the LME
addressLine2	string	Optional	50	This is the address of the LME
city	string	Optional	50	This is the city of the LME
state	string	Optional	50	This is the state of the LME
zip	string	Optional	50	This is the zip code or postal code of the LME
country	string	Optional	50	This is the country of the LME
phone	string	Optional	100	This is the primary phone number of the LME
email	string	Optional	100	This is the primary email ID of the LME
region	string	Optional	50	Region of the Location
market	string	Optional	50	
dma	string	Optional	50	
contactName1	string	Optional	100	Contact name of the Location
contactName2	string	Optional	50	Additional Contact Name of the Location
contactName3	string	Optional	50	Additional Contact Name of the Location

contactName 4	string	Optional	50	Additional Contact Name of the Location
customDropDown1	string	Optional	50	Custom Field
customDropDown2	string	Optional	50	Custom Field
customDropDown3	string	Optional	50	Custom Field
customDropDown4	string	Optional	50	Custom Field
customDropDown5	string	Optional	100	Custom Field
addressLine3	string	Optional	50	Address Line 3 of the Location
directionalLine	string	Optional	50	
directionalLine2	string	Optional	25	Additional directional Line of the Location
directionalLine3	string	Optional	25	Additional directional Line of the Location
businessType	string	Optional	50	
customField1	string	Optional	50	Custom Field
customField2	string	Optional	50	Custom Field
customField3	string	Optional	50	Custom Field
customField4	string	Optional	50	Custom Field
customField5	string	Optional	50	Custom Field
url	string	Optional	100	

businessHours	string	Optional	50	Business hours of the Location
businessHours2	string	Optional	50	Additional businessHours of the Location
businessHours3	string	Optional	50	Additional businessHours of the Location
facebookURL	string	Optional	100	Facebook URL of the Location
twitterURL	string	Optional	50	Twitter URL of the Location
linkedinURL	string	Optional	100	LinkedIn URL of the Location
googlePlusURL	string	Optional	100	Google Plus URL for the location.

2.2.2 API Response:

2.2.2.1 Response JSON:

```

1 //For Success
2 {
3   "Status": "Success",
4   "requestId": "string"
5 }

```

2.2.2.2 Response Fields and Description

Parameter	Data Type	Description
success	boolean	This will define whether the API call was successful or failed.
requestId	string	This is the request ID, which gets created after create/update/delete API request. Request ID is used to check success or failure of this API request.
message	string[]	In case the API call fails it will give the proper message with the reason of failure

2.3 Delete LME

2.3.1 API Request

2.3.1.1 Request URL:

```

1 /tenantId/{tenantId}/location/{locationCode}?productType={productType}&hierarchyName={hierarchyName}

```

2.3.1.1.1 Sample Payload-Delete Location

https://cfm-stage-apim.azure-api.net/tenantId/bucfm/location/Harlie_3311?ProductType=All&HierarchyName=org

2.3.1.2 Request Fields and Description

Parameter	Data Type	validation	Description
tenantId	string	Mandatory	Is the unique identification number of the tenant. Client has to pass it always in the URL. It will be provided by the Ansira implementation team.
locationCode	string	Mandatory	Is the unique identification number of the LME
hierarchyName	string	Optional	This will define which hierarchy to delete for the LME
productType	string	Optional	This will determine whether to remove the LME from either LDM, BrandBuilder (BB), or both.

2.3.2 API Response:

2.3.2.1 Response JSON:

```

1 //For Success
2 {
3   "Status": "Success",
4   "requestId": "string"
5 }

```

2.3.2.2 Response Fields and Description:

Parameter	Data Type	Description
success	string	This will define whether the API call was successful or it failed.
requestId	string	This is the request ID, which gets created after create/update/delete API request. Request ID is used to check success or failure of this API request.
message	string[]	In case the API call fails, it will give the proper message with the reason of failure

2.4 Get Request Status:

This API returns the status of the LME create/update/delete request.

2.4.1 API Request

2.4.1.1 Request URL:

```
1 /tenantId/{tenantId}/location/requests/{requestId}
```

2.4.1.2 Request Fields and Description

Parameter	Data Type	Description
tenantId	string	The unique identification number of the tenant. Client has to pass it always in the URL. It will be provided by the Ansira implementation team.
requestId	string	This is the request ID, which is created after creation/update/delete request. Passing this requestId helps to identify whether the create/update/delete request was successful or failed.

2.4.2 API Response:

2.4.2.1 Response JSON:

```
1 //For Success
2 {
3   "Status": "Success",
4   "requestId": "string"
5 }
```

2.4.2.2 Response Fields and Description:

Parameter	Data Type	Description
success	string	This will define whether the API call was successful or it failed.
requestId	string	This is the request ID, which gets created after a create/update/delete API request. Request ID is used to check success or failure of this API request.
message	string[]	In case the API call fails, it will give the proper message with the reason of failure