

DMG Asset API - Project Documentation

Introduction

DMG Asset API will be used by the Edit Widget that Megaphone users will use to preview, edit, and order their assets. This project is built using Node and Express, but it is deployed as AWS Lambda function, using the AWS Serverless Application Model (SAM). In this document, you can find API specification, and how to use it.

Code for this application can be found at <https://bitbucket.org/rangedeluxe/dmgassetapi/src/master/>

Specification

Authentication

Username	Password	Method	Endpoint
remax_dmg_api	0v9B#FMM	POST	https://senkivh4vb.execute-api.us-west-2.amazonaws.com/api/v1/auth

API to retrieve the Authorization token, that will be used in all subsequent calls to DMG Asset API. This endpoint is protected with Basic Auth and you should use the credentials from the above to successfully authorize. At the moment the returned token is valid for 1h, this might change in the future.

All subsequent calls need to have the "Authorization: Bearer { TOKEN }" header.

Example call:

<https://senkivh4vb.execute-api.us-west-2.amazonaws.com/api/v1/auth>

Example response:

```
{
  "token": "7c4834846fc41aba2ea7c56de5bdca25",
  "expiration": 1603289683586
}
```

Get Asset

The first endpoint is used to get information about the requested asset.

Method	Endpoint
GET	https://senkivh4vb.execute-api.us-west-2.amazonaws.com/api/v1/asset/:assetId/widget

Example call: <https://senkivh4vb.execute-api.us-west-2.amazonaws.com/api/v1/asset/c013bef4-8cd6-41df-bcf7-91007336add0/widget>

Example response:

```

{
  "assetId": "c013bef4-8cd6-41df-bcf7-91007336add0",
  "listingId": "M00000146T3261968",
  "agentId": "100047674",
  "asset": [
    {
      "VariableName": "Campus Name",
      "Datasource": "Agent.firstName",
      "Required": true,
      "MaxLength": 0,
      "Type": "TextBox",
      "Value": "David"
    },
    {
      "VariableName": "Address Line 1",
      "Datasource": "Office.address1",
      "Required": true,
      "MaxLength": 0,
      "Type": "TextBox",
      "Value": "Some new Address Line 1"
    },
    {
      "VariableName": "Address Line 2",
      "Datasource": "Office.address2",
      "Required": false,
      "MaxLength": 0,
      "Type": "TextBox",
      "Value": ""
    },
    {
      "VariableName": "Phone",
      "Datasource": "Agent.phoneNumber",
      "Required": true,
      "MaxLength": 0,
      "Type": "TextBox",
      "Value": "(303) 725-0461"
    }
  ],
  "previewFile": "https://dmg-proofs.s3-us-west-2.amazonaws.com/d86dd0f2-9c06-4fe8-abd7-e752f4e4815b/hr_proof/artwork.pdf"
}

```

Update Asset

Endpoint for updating the requested asset.

Method	Endpoint
PUT	https://senkivh4vb.execute-api.us-west-2.amazonaws.com/api/v1/asset/:assetId

Example call:

url: <https://senkivh4vb.execute-api.us-west-2.amazonaws.com/api/v1/asset/c013bef4-8cd6-41df-bcf7-91007336add0>

body:

```
{
  "record_variables": {
    "Campus Name": "David",
    "Address Line 1": "Some new Address Line 1",
    "Address Line 2": "",
    "Phone": "(303) 725-0461"
  },
  "photos": {
    "photo_1": "https://ims-printing.s3.us-west-1.amazonaws.com/jobs/2020/09/19/5f66393f2f6638426ba3744e/4d%20Investment%20Llc149612145640.pdf"
  }
}
```

Body should always contain two properties **record_variables** and **photos**. In the **record_variables** we are sending *VariableName* as a key and the value for that Variable. *Photos* should contain all the variables that are of type *image*. Those values can be found in the response of the GET request (see above).

Example response:

```
{
  "message": "Asset with an id: c013bef4-8cd6-41df-bcf7-91007336add0 successfully updated."
}
```