Durin Media lake accelerator installation

Author: Sanath Udyavar

Table of Contents

[Architecture 3](#_Toc89075344)

[Install the Durin Power model driven App (New) 3](#_Toc89075345)

[Install the Durin Media Lake (original) 3](#_Toc89075346)

[Azure AD – application registration and MAC client creation 3](#_Toc89075347)

[Install the MAC client 3](#_Toc89075348)

[Install Azure components 3](#_Toc89075349)

[Install the Durin Media Lake (New) 4](#_Toc89075350)

[Install Azure components 4](#_Toc89075351)

[Install the Vendor client Application 6](#_Toc89075352)

[Install the Secure Media URL generate client Application 7](#_Toc89075353)

# Architecture

The components and flow marked in green is the extension to the Durin Media lake solution.



# Install the Durin Power model driven App (New)

* Install the enhanced Durin Power model driven App into the customer subscription - [LINK](https://dev.azure.com/AZGlobal/Azure%20Global%20CAT%20Engineering/_git/ArkaMedia?path=/DurinMediaLake_1_0_111021_2.zip)
* Get the Unique Name and CRM Identifier. Refer to the [LINK](https://github.com/MediaEntertainmentLabs/durin-medialake)v for details.

# Install the Durin Media Lake (original)

## Azure AD – application registration and MAC client creation

Follow the steps to setup the MAC client pre-requisites



## Install the MAC client (original)

Install the MAC client ([Link](https://dev.azure.com/AZGlobal/Azure%20Global%20CAT%20Engineering/_git/ArkaMedia?path=/MediaUploader.pkg&version=GBmain)) and configure the client

## Install Azure components

1. Install the Azure components following the steps in [Durin Media Azure Deployment Guide](https://github.com/MediaEntertainmentLabs/durin-medialake)
2. Provide the AAD Client ID and AAD Client secret in the Azure Logic App – ‘Logic-ReadAzureConfiguration’

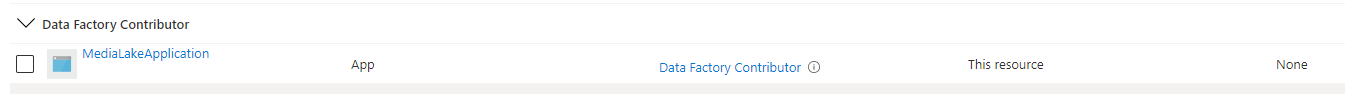
Graphical user interface, text

Description automatically generated

1. Give permission to the Azure AAD app for backend Logic App and other components for this data factory

Graphical user interface, application, email

Description automatically generated



# Install the Durin Media Lake (New)

## Install Azure components

1. Create the storage account – ‘vendordurinstorageupld’ in the target resource group
   1. Provide the permissions ‘Reader and Data Access’ and ‘Storage Blob Data Contributor’ to the Azure Function ‘func-azuremedia\*’
   2. Create containers for the vendor being created. For ex: vendor1, vendror2 etc.
2. Deploy the Azure Function ‘Func-ParseMediaMetadata’ using Visual Studio 2019
3. Deploy the Azure Logic Apps using Azure CLI - [Deploy local template](https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/deploy-cli#deploy-local-template)
   1. For each of the Logic Apps – replace the Unique Name and CRM identifier (obtained during the installation of the Power Model Driven App). Replace the placeholder ‘unq50e2ec7e45344ace97f49f31b2dad.crm’ with the value obtained.

|  |
| --- |
| az deployment group create `  --name VendorLogicApps `  --resource-group durintestrg `  --template-file template.json `  --parameters '@parameters.json' |

## Install the Vendor client Application

Install the Vendor Application. The source code is available in the [LINK](https://dev.azure.com/AZGlobal/Azure%20Global%20CAT%20Engineering/_git/ArkaMedia?path=/VendorClient/VendorClientApp&version=GBmain)

Provide the Application Settings

|  |
| --- |
| <appSettings>      <!--Path where the azcopy tool is available-->      <add key="AzCopyCommandFolder" value="C:\Tools" />      <!--Path for the files to be uplaoded-->      <add key="UploadFilesLocation" value="C:\ArkaMedia\Upload" />      <!--Path to download the files-->      <add key="DownloadFilesLocation" value="C:\ArkaMedia\Download" />      <!--vendor container name-->      <add key="vendorContainerName" value="vendor3" />      <!--vendor download storage account and SAS connection string-->      <add key="dnldStorageAccountName" value="" />      <add key="dnldSASConnectionString" value=""/>      <!--vendor upload storage account and SAS connection string-->      <add key="upldStorageAccountName" value="" />      <add key="upldSASConnectionString" value=""/>      <!--vendor - download container SAS token : sp=racwdl -->      <add key="dnldSAS" value="" />      <!--vendor - upload container SAS token : sp=racwdl -->      <add key="upldSAS" value="" />      <!-- Send Mail configurations -->      <add key="SendMail\_LogicApp\_URL" value="" />      <add key="Recipient" value="" />      <add key="UpldSubject" value="Upload completed successfully for Vendor: " />      <add key="DnldSubject" value="Download completed successfully for Vendor: " />      <!--Logic App URL to invoke GetVendorAssetDownloadCount logic app-->      <add key="GetVendorAssetDownloadCount\_URL" value=""/>      <!--Logic App URL to invoke GetVendorAssetDownloadCount logic app-->      <add key="SetVendorAssetDownloadCount\_URL" value=""/>      <!--Max Asset download allowed -->      <add key="VendorAssetMaxDownloadCount" value="1" />    </appSettings> |

Note: replace the ‘&’ with ‘&amp;’ in the resource URLs

## Install the Secure Media URL generate client Application

Install the Secure Media URL generate Application. The source code is available in the [LINK](https://dev.azure.com/AZGlobal/Azure%20Global%20CAT%20Engineering/_git/ArkaMedia?path=/SecureMediaURLGenApp&version=GBmain)

Provide the Application Settings

|  |
| --- |
| <appSettings>      <!-- Durin storage account name and connection string-->      <add key="prdhStorageAccountName" value="durinstoragetgoo7nanfx3d" />      <add key="prdhSASConnectionString" value="" />      <!-- Send Mail configurations -->      <add key="SendMail\_LogicApp\_URL" value="" />      <add key="Recipient" value="" />      <add key="Subject" value="Media:" />      <add key="ClientSettingsProvider.ServiceUri" value="" />    </appSettings> |

Note: replace the ‘&’ with ‘&amp;’ in the resource URLs