

Dynamics 365 Media and Entertainment Accelerator Installation Guide

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# Installing the Media and Entertainment Accelerator Solutions

## Step 1: Acquire Prerequisite Files

* We need Out of the Box Dynamics 365 Sales Application (msdyn\_SalesApp) solution. If your environment doesn’t have one, please follow this guide on how to install <https://docs.microsoft.com/en-us/dynamics365/sales-enterprise/set-up-dynamics-365-sales#install-the-sales-solution>
* To import the Main Solutions, acquire the following managed solution files:
  + Media Asset CDM Solution (MediaAssetCDM\_managed.zip)
  + Media Common Solution (MediaCommon\_managed.zip)
  + Media Events and Venues Solution (MediaEventsVenues\_managed.zip)
  + Media Sports Solution (MediaSports\_managed.zip)
  + Media Event Product Sales Solution (MediaEventProductSales\_managed.zip)
  + Media Sports Events Sales Solution (MediaSportsEventsProductSales\_managed.zip)
  + Media Sales Apps Solution (MediaSalesApps\_managed.zip)
  + Media Apps Solution (MediaApps\_managed.zip)
  + Media Custom Connectors Solution (MediaCustomConnectors\_managed.zip)
  + Media Apps Teams Integration Solution (MediaAppsTeamsIntegration\_managed.zip)
  + Media Registration Portal Solution (MediaRegistrationPortal\_managed.zip)
  + Package Deployer file (PackageDeployer.zip)
  + Package Deployer file (PackageDeployer\_Portal.zip)
* To import the Sample Data, acquire the following data files:
  + Sample Data (Media-DefaultData.zip)
  + Media Registration Portal Data (MediaRegistrationPortalConfigData.zip)

## Step 2: Perform the following main solutions install

Please use either one of the options below. If you are familiar with Package Deployer tool, option 1 is easier and installs all the main solutions together.

### Option 1: Use Package Deployer to Install Solutions

#### Download Package Deployer Tool

* To import using the Package Deployer, you’ll need to download Package Deployer and the following package deployer file:
  + Package Deployer
    - For Download Instructions see reference on “Acquiring Package Deployer” below
  + Package Deployer file (PackageDeployer.zip)

#### Install Media and Entertainment Accelerator using Package Deployer

* Use the below command script to import the solutions using package deployer:

**PackageDeployer.exe /Settings:"MediaAnchor=true|MediaAssetCDM=true|MediaCommon=true|MediaEventsVenues=true|MediaSports=true|MediaEventProductSales=true|MediaSportsEventsProductSales=true|MediaApps=true|MediaSalesApps=true|MediaCustomConnectors=true|MediaAppsTeamsIntegration=true|SkipSampleData=false"**

* Expected Result: Import should be successful and have green checkmarks for every step and install following solutions and sample data.
  1. Media Asset CDM Solution (MediaAssetCDM\_managed.zip)
  2. Media Common Solution (MediaCommon\_managed.zip)
  3. Media Events and Venues Solution (MediaEventsVenues\_managed.zip)
  4. Media Sports Solution (MediaSports\_managed.zip)
  5. Media Event Product Sales Solution (MediaEventProductSales\_managed.zip)
  6. Media Sports Events Sales Solution (MediaSportsEventsProductSales\_managed.zip)
  7. Media Sales Apps Solution (MediaSalesApps\_managed.zip)
  8. Media Apps Solution (MediaApps\_managed.zip)
  9. Media Custom Connectors Solution (MediaCustomConnectors\_managed.zip)
  10. Media Apps Teams Integration Solution (MediaAppsTeamsIntegration\_managed.zip)
  11. Sample Data (Media-DefaultData.zip)

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#### Follow Post Deployment Steps

* 4: Check Power Automate Flows
* Step 5: Configure Teams Integration for Virtual Events

### Option 2: Import Solutions Manually

**Solutions must be installed in the following order:**

1. Media Asset CDM Solution (MediaAssetCDM\_managed.zip)
   * Expected time to complete – 2 to 5 minutes
   * Expected post installation message: The import of solution: Media Asset CDM completed successfully.

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1. Media Common Solution (MediaCommon\_managed.zip)
   * Expected time to complete – 2 to 5 minutes
   * Expected post installation message: The import of solution: Media Common completed successfully.

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1. Media Events and Venues Solution (MediaEventsVenues\_managed.zip)
   * Expected time to complete – 2 to 5 minutes
   * Prompts you to create new Common Data Service and Dataverse Connections
   * Expected post installation message: The import of solution: Media Events and Venues completed successfully.

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1. Media Sports Solution (MediaSports\_managed.zip)
   * Expected time to complete – 2 to 5 minutes
   * Expected post installation message: The import of solution: Media Sports completed successfully.

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1. Media Event Product Sales Solution (MediaEventProductSales\_managed.zip)
   * Expected time to complete – 2 to 5 minutes
   * Prompts you to create a new Common Data Service Connection
   * Expected post installation message: The import of solution: Media Event Product Sales completed with warning.

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1. Media Sports Events Sales Solution (MediaSportsEventsProductSales\_managed.zip)
   * Expected time to complete – 30 seconds to 1 minute
   * Expected post installation message: The import of solution: Media Sports Events Sales completed successfully.

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1. Media Sales Apps Solution (MediaSalesApps\_managed.zip)
   * Expected time to complete – 5 to 10 minutes
   * Expected post installation message: The import of solution: Media Apps completed successfully.

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1. Media Apps Solution (MediaApps\_managed.zip)
   * Expected time to complete – 5 to 10 minutes
   * Expected post installation message: The import of solution: Media Apps completed successfully.

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1. Media Custom Connectors Solution (MediaCustomConnectors\_managed.zip)
   * Expected time to complete – 2 to 5 minutes
   * Expected post installation message: The import of solution: Media Custom Connectors completed successfully.

Graphical user interface, application, table

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1. Media Apps Teams Integration Solution (MediaAppsTeamsIntegration\_managed.zip)
   * This import is dependent on below steps. Complete below steps before importing:
     + Azure AD App Registration
     + Update Custom Connector Credentials
     + Testing the Custom Connector
   * Expected time to complete – 2 to 5 minutes
   * Prompts you to create new Common Data Service, Dataverse, and Microsoft Teams Connection
   * Expected post installation message: The import of solution: Media Apps Teams Integration completed successfully.

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1. Post Deployment Steps

* 4: Check Power Automate Flows

## Step 3: Import Sample Data for Main Solutions

Acquire Configuration Migration Tool using the steps as described in section – “Acquiring Configuration Migration tool”

To import, follow steps in the reference section on “Importing data with Configuration Migration Tool” below.

* Sample Data (Media-DefaultData.zip)
  + Time to complete – 8 to 25 minutes
  + Post Installation Message

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## Step 4: Check Power Automate Flows

For our Media Registration Portal, Media Event Product Sales, Media Events & Venues, Media Apps Teams Integration, some of the flows in the solutions may already be turned on, if so please move onto the next flow that is in the off state to complete the steps below.

**Follow the below steps for each flow in our individual solutions: Media Registration Portal, Media Event Product Sales, Media Events & Venues, Media Apps Teams Integration:**

* 1. Go to each **Solution** from the solution explorer and click on it to view solution components
  2. In the top right filter please select **Cloud flow**.
  3. On each flow that is set to off, click the **Edit** button.
  4. **Add** in any missing Connections.
  5. Click **Save**.
  6. Activate the flow by clicking on “**Turn on**".
  7. Repeat these steps for each solution.

## Step 5: Configure Teams Integration for Virtual Events

#### Required Permissions

*We need* ***Global Admin*** *Access to Create and Grant Admin Content for Azure AD (ACTIVE DIRECTORY) App registration.*

#### Licenses

Below licenses are required for Users to work with Media Teams Integration for Virtual Events

* Office 365
* Microsoft Teams

#### Azure AD App Registration

*Note: Skip this step if already completed as part of Manual Solution Installation*

* To take the steps below, we need Global Admin Access.
* The user will need to register for a new App in [app registration portal](https://go.microsoft.com/fwlink/?linkid=2083908).
* The registration process is available step by step at <https://docs.microsoft.com/en-us/azure/data-explorer/provision-azure-ad-app#create-azure-ad-application-registration>
* The user must make sure to note down the Application/Client Id and Secret. You will need it later.
* Client Secret is shown only once. So would recommend storing it in a secure place for future updates.
* Copy your Tenant Id. Graphical user interface, application

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* These Tenant Id, Application/Client Id and Secret must be configured in later steps. So, copy and paste them in a secure place.
* Copy Microsoft Graph API endpoint as shown in below image and paste them along with your Tenant Id, Application/Client Id and Secret.

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* We need to set the Redirect URI for this application. Please navigate to Authentication tab and Click on Add platform Graphical user interface, application, Teams

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* Once you click on Add platform, it opens a panel on your right side. Please select Web Graphical user interface, application

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* Now please copy and paste this URL “[https://global.consent.azure-apim.net/redirect](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fglobal.consent.azure-apim.net%2Fredirect&data=04%7C01%7Cv-jkantamnen%40microsoft.com%7C24b825f6125e44a318c708d947996dad%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C637619546955895800%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=O9qVlbDrAFrRJXJhiHLIlOEXuuiH%2BS%2B0Yqf37%2FL6pxY%3D&reserved=0)” in below shown location and Click Configure. Graphical user interface, text, application, email

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* Redirect URI is added to the application as shown below Graphical user interface, application

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* Once the above steps are completed, we must provide some API Permissions on the same app. Graphical user interface, text, application, email

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* Below is a list of permissions that we need to give.

|  |  |
| --- | --- |
| Permission Type | Permissions |
| Delegated | OnlineMeetings.ReadWrite |
| Delegated | Calendars.ReadWrite |
| Delegated | User.Read.All |
| Delegated | UserAuthenticationMethod.ReadWrite.All |

* Select Application or delegated permission based on type of permission in the above table

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* Once all the permissions are given Click on Grant Admin Content as shown in below image. This requires Global Admin Access

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#### Update Custom Connector Credentials

*Note: Skip this step if already completed as part of Manual Solution Installation*

* To perform below actions we need System Admin Access.
* Once solution is imported successfully. Navigate to Data on your Left side panel and click on it.
* Select Custom Connectors from the Data section.
* You will find Media Teams Integration custom connector. Click on the Pencil icon. Graphical user interface, application, Teams

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* Connector will be opened in the Edit mode. We need to make some changes in security section. Please click on security from either of the places Graphical user interface, text, application

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* Click on Edit Button Graphical user interface, text, application, chat or text message

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* This will unlock the fields in the below section.
* From the Azure AD App registration, we have securely copied the Tenant Id, Application/Client Id, Secret and few Tokens URL right. Now it is time to paste them here.
* Copy and paste them in its place as shown in the below image and Click on Update Connector.

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* Now Navigate to Solutions and Click on Publish All Customizations. Graphical user interface, text, application, email

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* We have successfully Updated the Connections in our Custom Connector.

#### Testing the Custom Connector

*Note: Skip this step if already completed as part of Manual Solution Installation*

* Once we have updated the Connections. We need to test these Custom Connectors whether they are working as expected or not.
* To Test these Custom Connectors. Navigate to Data -> Custom Connectors and you will find Teams Integration connector. Click on the + icon.Graphical user interface, text, application

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* This will open a pop up to create connection.Graphical user interface, application

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* If the connection is made successfully. It will take you to the connections screens as shown below. Graphical user interface, application

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#### Update Create Teams Meeting Flow Connections

* To perform the below steps, we need System Admin Access.
* This is required only if you have installed the Media Solutions for the first time.
* Open Default Solution and search for Create Teams Meeting and Click on it

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* Power Automate is opened in the other tab.
* We will have to update the connections for the Power Automate. To do so Please click on Edit button in the Command Bar. Graphical user interface, text, application

  Description automatically generated
* Power Automate Opens in Edit mode and show the below connections screen

Graphical user interface, application

Description automatically generated

* Now Click on the Plus icon ‘**+**’ to create connections for these three connectors.
* Graphical user interface, text, application

  Description automatically generatedOnce connections are created it will look like below with green color check next to them. Those indicate they are validate connections. Once that is done please click on Continue button
  + Once connections are added and validated please click on Continue button and then click on Save . Clicking Save button is important because if we don’t save it our flow will not work.



* + Once Power Automate is saved with all the right connections. It’s time to turn on the Power Automate. Click on Turn on button in the command barGraphical user interface, text, application, email

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  + PowerAutomate Status updates to ON as shown below Graphical user interface, application

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  + Power Automate is ready.

## Step 6: Installing Media and Entertainment Portal

### Perquisites

Following solutions should be installed from Step 2 before proceeding to this step.

* + Media Asset CDM Solution (MediaAssetCDM\_managed.zip)
  + Media Common Solution (MediaCommon\_managed.zip)
  + Media Events and Venues Solution (MediaEventsVenues\_managed.zip)
  + Media Sports Solution (MediaSports\_managed.zip)
  + Media Event Product Sales Solution (MediaEventProductSales\_managed.zip)
  + Media Sports Events Sales Solution (MediaSportsEventsProductSales\_managed.zip)

### Create a Blank Portal

Create a new Blank Portal with the Custom Portal template by following [these](https://docs.microsoft.com/en-us/powerapps/maker/portals/create-portal) directions.

* Time to complete – 12 – 25 minutes
* Post installation message

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**Note**: Do not proceed to install the Media Registration Portal Solution (MediaRegistrationPortal\_managed.zip) solution until the Blank Portal is fully provisioned.

### Update System Setting to allow js and css files needed for Portal Config

Once the Custom Portal is provisioned, the user will need to remove the .js and .css file types in the System Settings

* + - Click on the Settings icon (sprocket) in the upper-righthand corner and click on Advanced Settings
    - Within Settings, click on Administration within the System area group
    - Click on System Settings
    - Within the General tab, proceed to **Set blocked file extension for attachments** section and remove the .js and .css file extension

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### Import Media Registration Portal Solution & Portal Config Data with Package Deployer

* **To import using the Package Deployer**, you’ll need to download Package Deployer and the following package deployer file:
  + Package Deployer
    - For Download Instructions see reference on “[Acquiring Package Deployer](#_Acquiring_Package_Deployer)” below
  + Package Deployer file (PackageDeployer\_Portal.zip)
* **Run Package Deployer**
  + This import is dependent on the completion of “Create a Blank Portal**” & “**Update System Setting to allow js and css files needed for Portal Config**”**. **Do not** complete this step until portal provisioning is completed.
* Use the below command script to import the solutions using package deployer:
  + - **PackageDeployer.exe**
* Expected Result: Import should be successful and have green checkmarks for every step.

Table

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### Update Portal Binding

* Click on Apps, locate the newly created Portal and click the ellipses to select **Settings**
* Within the Portal Settings, under the Advanced Settings, click on **Administration** link (will open in a window/tab).
* Within the Portal Details, find ‘**Update Portal Binding**’
* Change ‘Select Website Record’ to “**Media Registration Portal”**
* Click ‘Update’
  + After this change, it may take up to 5 minutes for website binding data to sync.
  + Please wait a few minutes before attempting to open the portal URL

### Update the Primary Domain Name on the “Media Registration Portal”

* Navigate to the Portal Management model driven app
* Navigate to the website record
* Update Primary Domain Name on the "Media Registration Portal" Website record to <your portal url> (e.g. “yourportal.powerappsportals.com”)

### Create Banner Image Web Files for Sample Media Events

* + - Go to Solution “Media Registration Portal”, search for Flow “FL - > Manual Trigger -> Create Banner Image Web Files for existing Media Events” and click to open it.
    - Click “Edit” button.
    - Add in missing Connections.
    - Click Save.
    - Activate Flow by clicking on “Turn on”.
    - Click on “Run” as shown below and click “Run flow”.

Graphical user interface, application

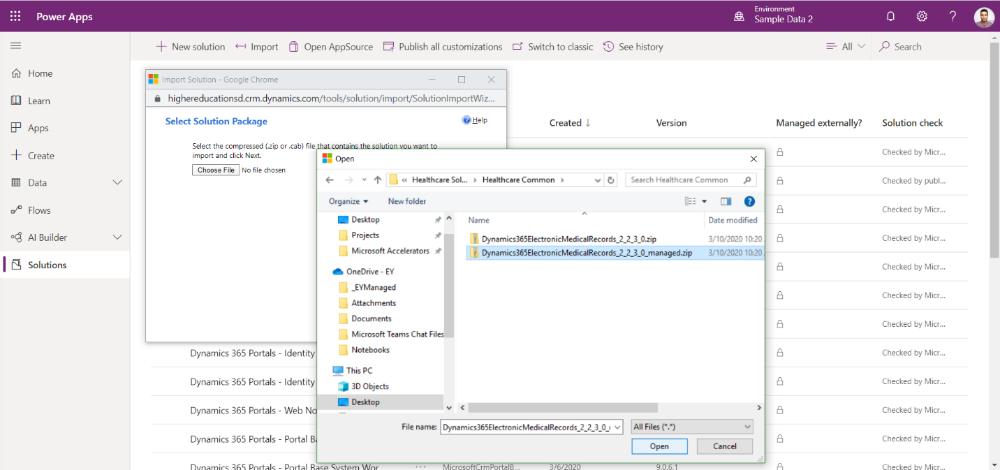
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# Reference

## Manually Importing Solutions

To manually import a main solution:

1. Navigate to <https://make.powerapps.com/home> > Select your Environment > Click Solutions in left-hand Navigation
2. Click Import button in ribbon
3. Click Choose File button and select managed solution zip file



1. Click Open button
2. Click Next through all steps and then Import.

## Acquiring Configuration Migration tool

1. Navigate [here](https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/download-tools-nuget) to acquire the Configuration Migration tool
2. Click the NuGet package link for the Configuration Migration Tool
3. Follow directions to download the Configuration Migration tool via Package Manager.

## Importing data with Configuration Migration Tool

To Import an additional solution using the Configuration Migration Tool:

1. Open Configuration migration tool
   1. Select “Import Data”
   2. Connect to the org to import the data to the environment of your choice.
   3. Select the appropriate data zip file.
   4. Perform the import.

## Acquiring Package Deployer

1. Navigate [here](https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/download-tools-nuget) to acquire the Package Deployer tool
2. Click the NuGet package link for the Package Deployer tool
3. Follow directions to download the Package Deployer tool via Package Manager.

## Acquiring OOB Sales App

1. We need Out of the Box Dynamics 365 Sales Application (msdyn\_SalesApp) solution. If your environment doesn’t have one please follow this guide on how to install <https://docs.microsoft.com/en-us/dynamics365/sales-enterprise/set-up-dynamics-365-sales#install-the-sales-solution>