



Adobe AEM Asset Selector Administrator Guide

Version 0.4.0

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Adobe AEM Asset Selector for Salesforce

The Adobe AEM Asset Selector for Salesforce lets users browse, search, and select digital assets from Adobe Experience Manager as a Cloud Service (AEMaaCS) directly within Marketing Cloud Next, without leaving Salesforce.

REQUIRED EDITIONS

Available in: Salesforce **Enterprise** and **Unlimited** Editions with Marketing Cloud Next **Growth** or **Advanced** Edition

When you select an asset, the app creates a public delivery URL and returns it to your Salesforce Content Management System (CMS). You can then use the asset when authoring content in Marketing Cloud Next.

Install the Adobe AEM Asset Selector Managed Package

Install the Adobe AEM Asset Selector managed package in your Salesforce org via AgentExchange.

USER PERMISSIONS NEEDED

To install managed packages:

Download AppExchange Packages

Before you configure the Adobe AEM Asset Selector, these components must be configured:

- An Adobe Experience Manager as a Cloud Service (AEMaCS) environment.
- An Adobe Identity Management System (IMS) app configured for the Asset Selector. This component provides the OAuth client ID and scopes for authentication.
- The Salesforce AEM Admin Permission Set assigned to Salesforce Admins who manage the configuration.

The Adobe AEM Asset Selector is a Salesforce managed package with the namespace **aemdam**. We recommend that you install and test the app in a Sandbox environment before you install it in your production orgs.

1. Go to the Adobe Experience Manager (AEM) DAM for Marketing Cloud Next listing on AgentExchange.
2. To install in a Sandbox environment, click **Try It**. To install in a production org, click **Get It Now**, as shown in this image.

Adobe Experience Manager (AEM) DAM for Marketing Cloud Next

AEM to Salesforce Marketing Cloud – seamlessly connected.

 Salesforce App

No Ratings



Free

Never requires payment

Pricing Details

Production Org Installation

Get It Now

Try It

Business Need

Marketing

Requires

Marketing Cloud Growth

Marketing Cloud Advanced

Connect Adobe Experience Manager to your Marketing content w
emails, MMS and RCS messages, and landing pages—from within t

EM DAM

AEM Assets Selector Configuration

Ring Assets Selector Configuration

New

Ring Instances

Name	AEM Client ID
NM Delivery Tier	aem-selector-asset-selector
NM Publish Tier	aem-selector-asset-selector

Edit Instance

*Name

AEM Publish Tier

☐ Set as Default

*AEM Client ID

aem-selector-asset-selector

*AEM Scope

AdobeContentLibraryInfoProjectProductContext,model_extensions

*Repository ID

author-p1600000000XJatobscmscloud.com

*Delivery Method

Publish Tier

Cache Scheme

Disk

Name

3. Complete the installation wizard.
4. After the installation completes, go to **Setup**.
5. Go to **Apps > Packaging > Installed Packages**.
6. Verify that Adobe Experience Manager Asset Selector appears in the list of installed packages.

[illegible]

Set Up Adobe Experience Manager

Before you use the Asset Selector, configure the Adobe environment state, environment parameters, and domain allowlist.

The Adobe setup includes these steps:

- Verifying the environment state
- Setting environment configuration parameters in Adobe Cloud Manager
- Requesting that Adobe support add the necessary domains to your allowlist



IMPORTANT You can access only published, publicly available AEM assets in the Salesforce CMS. If an asset isn't published, the URL that the app returns to the Salesforce CRM doesn't resolve for end users.

Verify AEM Environment State

Verify that your AEM environment is online before you connect it to Salesforce.

Adobe sandbox environments automatically go into hibernation mode after a period of inactivity. Production instances keep running, even when they're inactive. A hibernated environment isn't reachable, and the Asset Selector fails to load assets from it.

1. Log in to the Adobe Developer Console.
2. In the list of environments, check the status indicator next to the environment name.

Developer Console

Signed in as Steve Shellist MC Dev Team

Sign out

Environments

ENVIRONMENT	TYPE	STATUS	
cm-p143160-e1901055	Development	● online	Hibernate
cm-p143160-e1919488	Stage	● online	Hibernate
cm-p143160-e1919671	Production	● starting	

If the environment shows a **hibernated** status, wake it. Don't attempt to configure the app until the status of the environment is **online**.

Configure AEM Environment Parameters

Set required configuration parameters in Adobe Cloud Manager for your AEM environment.

1. Log in to Adobe Cloud Manager.
2. Select **Program Overview** > **Environments**.
3. Select an environment to configure.
4. On the Configuration tab, click **Add** or **Update** to add the **ADOBE_PROVIDED_CLIENT_ID** parameter.



IMPORTANT The parameter value must exactly match the IMS Client ID that you entered when you set up the app. If the value doesn't match exactly, the login process fails.

5. To use the Delivery Tier delivery method, add the parameters listed in this table. These parameters aren't required for the Publish Tier delivery method, which is the default option.

PARAMETER	VALUE
ASSET_DELIVERY_IMS_CLIENT	Must exactly match the IMS Client ID that you entered when you set up the app.
ASSET_DELIVERY_REPOSITORY_ID	Must exactly match the delivery domain.



NOTE Dynamic Media is required only if you use the Delivery Tier delivery method.

Request Addition of Domains to Your Allowlist

For each Salesforce environment where you use the integration, create a separate Adobe support case to request that domains are added to your allowlist. This step is required for both sandbox and production orgs.

1. Go to the Adobe Experience League support portal at <https://experienceleague.adobe.com/en/support>
2. Create a support case to add new domains to your allowlist.
3. In the support case, provide these domains and your IMS Client ID. Replace `<your-domain>` with the domain of your Salesforce org.
 - `https://<your-domain>.lightning.force.com`
 - `https://<your-domain>--aemdam.vf.force.com`
 - `https://<your-domain>.builder.salesforce-experience.com`
 - `https://<your-domain>.my.salesforce-setup.com`
 - `https://<your-domain>.my.salesforce-sites.com`
 - `https://<your-domain>.my.salesforce.com`

Permission Sets for Adobe AEM Asset Selector

The package includes two permission sets that control access to administrative and user functions.

Adobe AEM Admin

Assign the **Adobe AEM Admin** permission set to users who create, edit, or delete provider instances. Users with this permission set can access these components:

- The AEM DAM app
- The AEM Assets Selector Configuration tab
- The management controller Apex class

Adobe AEM Asset Selector User

Assign the **Adobe AEM Asset Selector User** permission set to users who create content and need access to digital assets in AEM.

Configure the Asset Selector in Salesforce

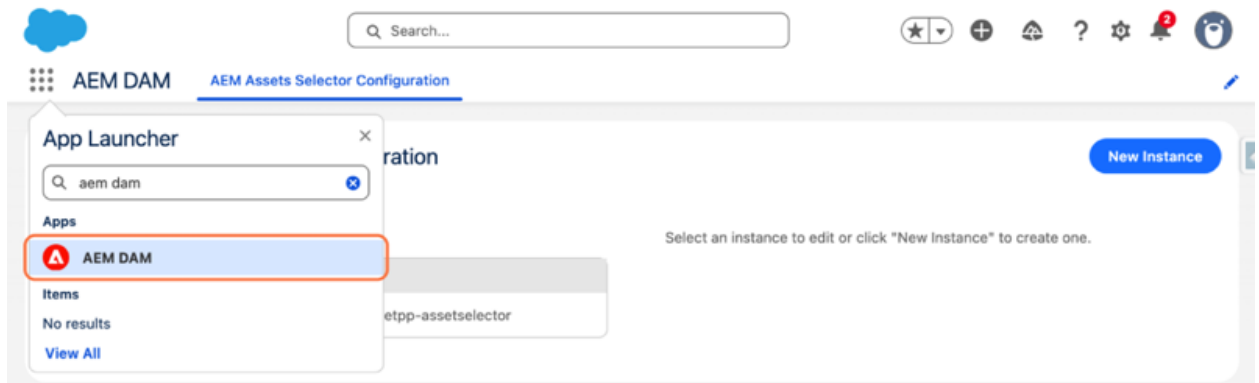
Open the AEM Assets Selector Configuration page to manage provider instances.

USER PERMISSIONS NEEDED

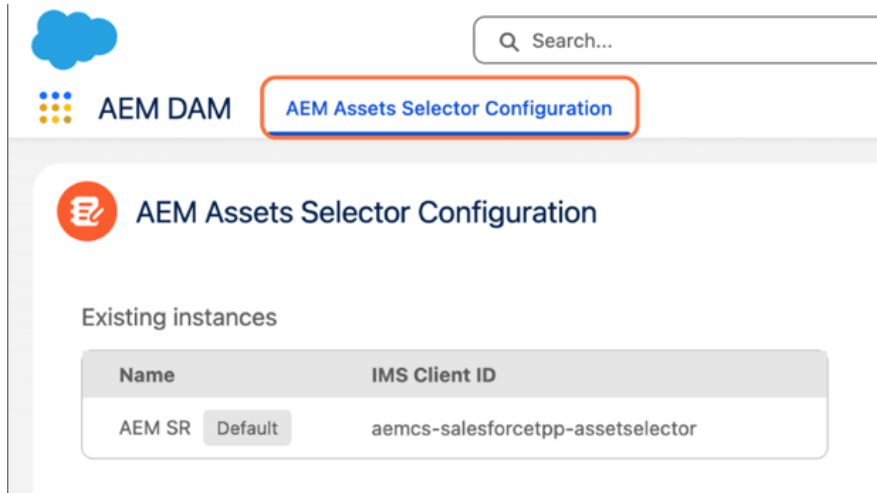
To configure the Asset Selector:

Adobe AEM Admin permission set

1. Log in to Salesforce.
2. From the App Launcher, search for and select **AEM DAM**, as shown in this image.



3. Click the **AEM Assets Selector Configuration** tab, as shown in this image.



The management page appears. The left side of the page shows the available provider instances on the left side, and the right side shows the configuration options.

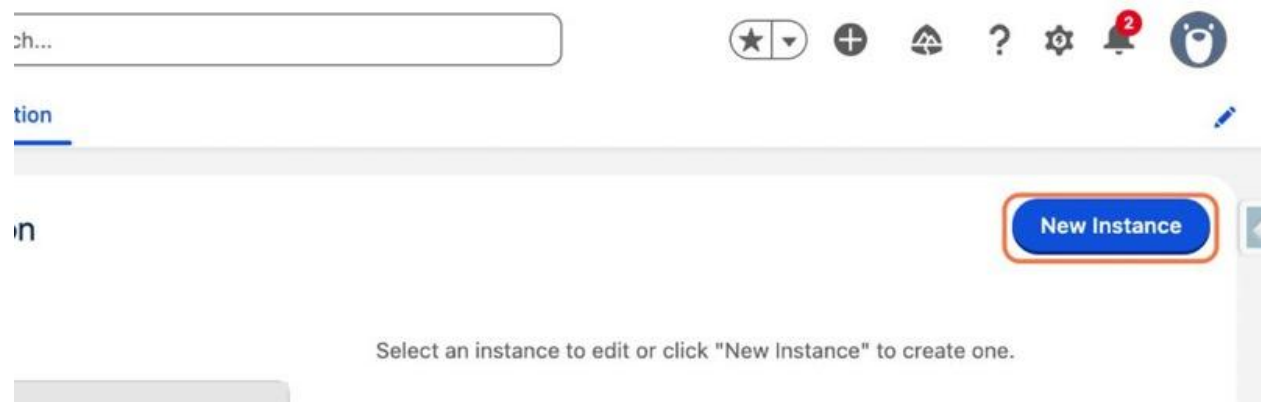
Create a Provider Instance

Create a provider instance to connect the Asset Selector to a specific AEM environment.

USER PERMISSIONS NEEDED	
To create a provider instance:	Adobe AEM Admin permission set

A provider instance stores the configuration that connects the Asset Selector to a specific AEM environment. You can create multiple instances and set one instance as the default.

1. On the AEM Assets Selector Configuration page, click **New Instance**, as shown in this image.



2. Enter values for the required fields.

New Instance

• Name

☐ Set as Default

• IMS Client ID

• IMS Scope

• Repository ID

• Delivery Method

Color Scheme

Theme

☐ Hide Tree Navigation

☐ Allow Upload

For information about each property, see [Provider Instance Configuration Properties](#).

3. Save your changes.

Edit a Provider Instance

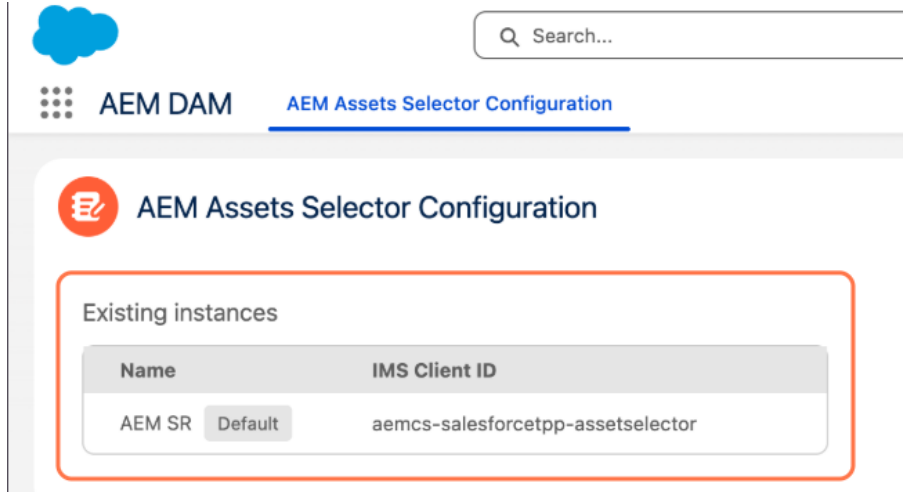
Modify the configuration settings of an existing provider instance.

USER PERMISSIONS NEEDED

To edit a provider instance:

Adobe AEM Admin permission set

1. On the AEM Assets Selector Configuration page, click a row in the instance table, as shown in this image.



2. Use the form to edit the fields that you want to change.
3. Save your changes.

Delete a Provider Instance

Remove an AEM provider instance that you don't need.

USER PERMISSIONS NEEDED

To delete a provider instance:

Adobe AEM Admin permission set

1. On the AEM Assets Selector Configuration page, select an instance from the table.
2. Click **Delete**, as shown in this image.

3. Confirm that you want to delete the instance.

Provider Instance Configuration Properties

Configuration properties for provider instances that connect the Asset Selector to AEM environments.

Provider Instance Settings

PROPERTY	DESCRIPTION
Name	Required. The name that appears in the instance list. The system uses this name to generate an internal instance key. For the instance key, the app replaces non-alphanumeric characters with underscores.
Set as Default	Makes the selected instance the default provider.

IMS Authentication

These settings connect the Asset Selector to Adobe's Identity Management System (IMS) for OAuth authentication.

PROPERTY	DESCRIPTION
IMS Client ID	Required. The OAuth client ID from your Adobe IMS app configuration. This value matches the <code>ADOBE_PROVIDED_CLIENT_ID</code> parameter set in Adobe Cloud Manager.
IMS Scope	Required. The OAuth scopes requested during authentication. Controls which Adobe services the token grants access to. The default scopes are <code>AdobeID</code> , <code>openid</code> , <code>additional_info.projectedProductContext</code> , and <code>read_organizations</code> .

Repository Configuration

PROPERTY	DESCRIPTION
Repository ID	Required. The AEM as a Cloud Service repository identifier. Format: <code>author-pXXXXX-eYYYYY.adobecloud.com</code> . Found in your AEM Cloud Manager environment details.

Asset Delivery

PROPERTY	DESCRIPTION
Delivery Method	Required. Determines how to construct asset URLs when a user selects an asset. The default delivery method is <code>Publish Tier</code> .

Publish Tier (default): Generates URLs using the AEM publish service. If you use this method, you aren't required to configure any Adobe environment parameters.

The Publish Tier method generates URLs in this format:

`https://publish-pXXXXX-eYYYYY.adobecloud.com/content/dam/path/to/ASSETNAME`

Delivery Tier: Generates URLs using Dynamic Media with OpenAPI. Dynamic Media must be enabled in your AEM environment. The `ASSET_DELIVERY_IMS_CLIENT` and `ASSET_DELIVERY_REPOSITORY_ID` environment parameters must be set correctly in AEM.

The Delivery Tier method generates URLs in this format:

`https://delivery-pXXXXX-eYYYYY.adobecloud.com/adobe/assets/ASSETID/as/FILENAME`

Asset Selector Appearance

These settings control the look and behavior of the Asset Selector UI that users interact with.

PROPERTY	DESCRIPTION
Color Scheme	The color scheme for the Asset Selector interface. Options: light or dark . The default value is light .
Theme	An optional custom theme name for the Asset Selector.
Hide Tree Navigation	Hides the navigation panel on the left side of the Asset Selector. The default value is disabled .
Allow Upload	Lets users upload new assets directly from the Asset Selector. The default value is disabled .

Configure a CMS Workspace to Use AEM

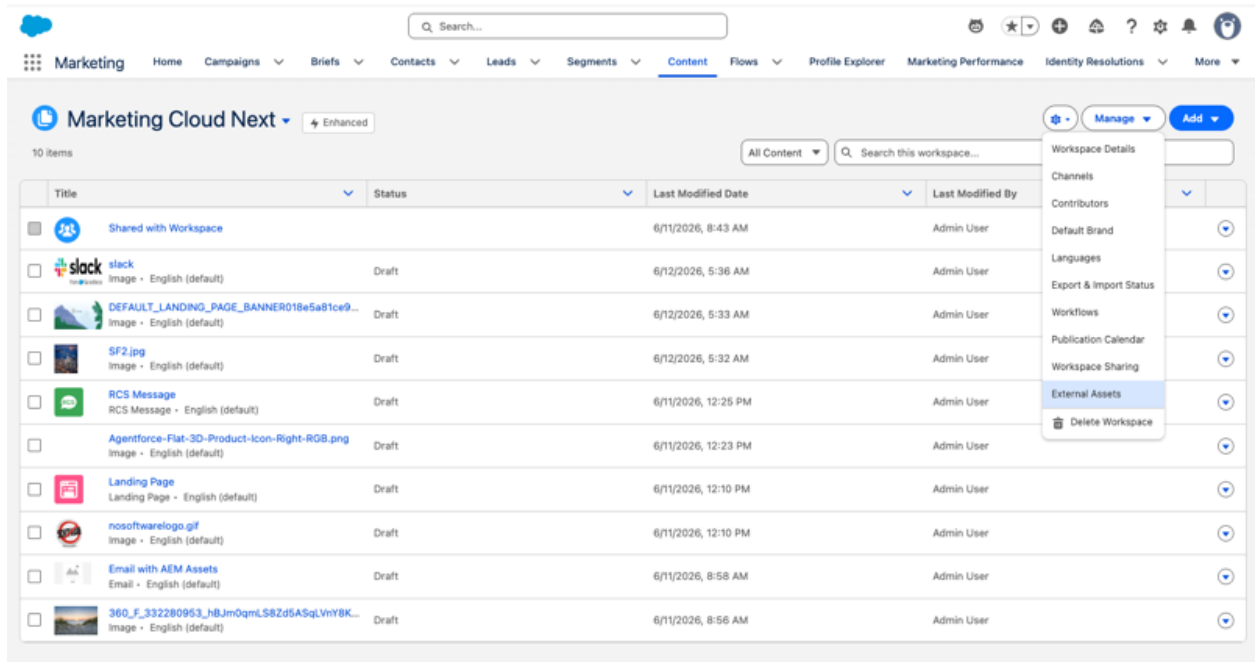
Turn on the AEM DAM Provider for a CMS Workspace so users can access Adobe assets.

USER PERMISSIONS NEEDED

To configure workspaces:

Adobe AEM Admin permission set

1. On the App Launcher, search for and select **Marketing**.
2. On the Content tab, select a CMS Workspace.
3. Click the gear icon for the CMS Workspace.
4. Select **External Assets**.



5. In the Manage External Assets window, from the list of Available Providers, select your AEM DAM provider. Then, click the right arrow button to add it to the list of Selected Workspace Providers.

Manage external assets

Configure external asset settings for this workspace. [Learn More in Help](#)

Choose where to save assets from external content providers. If you don't specify a folder, assets are saved directly in the workspace.

Save assets to:

Marketing Cloud Next_marketing

Select Folder

Choose external content providers to connect to this CMS workspace.

External Content Providers

Available Providers

AEM Delivery Tier

AEM Publish tier

Selected Workspace Providers

Cancel

Save

6. Save your changes.

Access Digital Assets in AEM from the Marketing App

Using images, videos and documents stored in Adobe Experience Manager

USER PERMISSIONS NEEDED

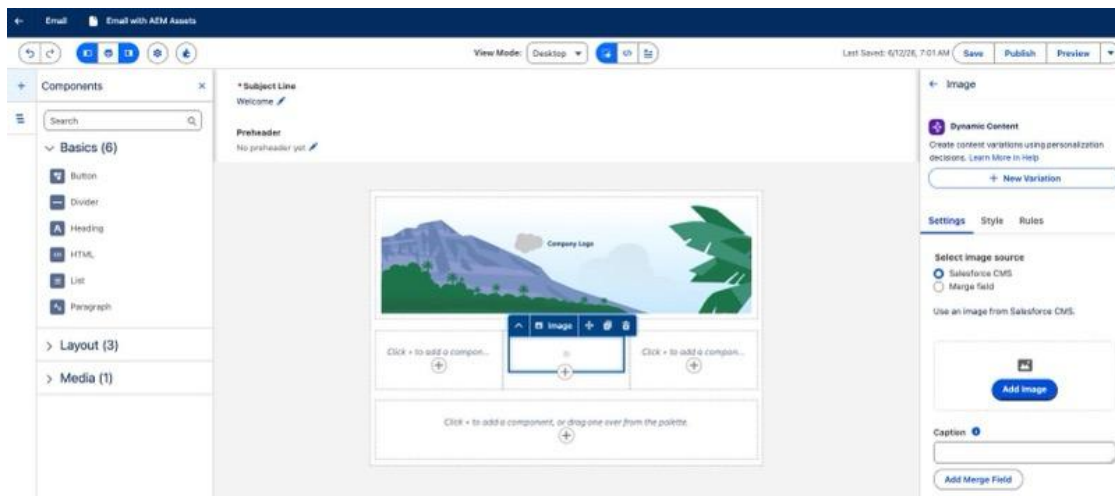
To configure workspaces:

Adobe AEM Asset Selector User permission set

Add an AEM Image to an Email

Select and add an image from Adobe Experience Manager to an email by using the Asset Selector.

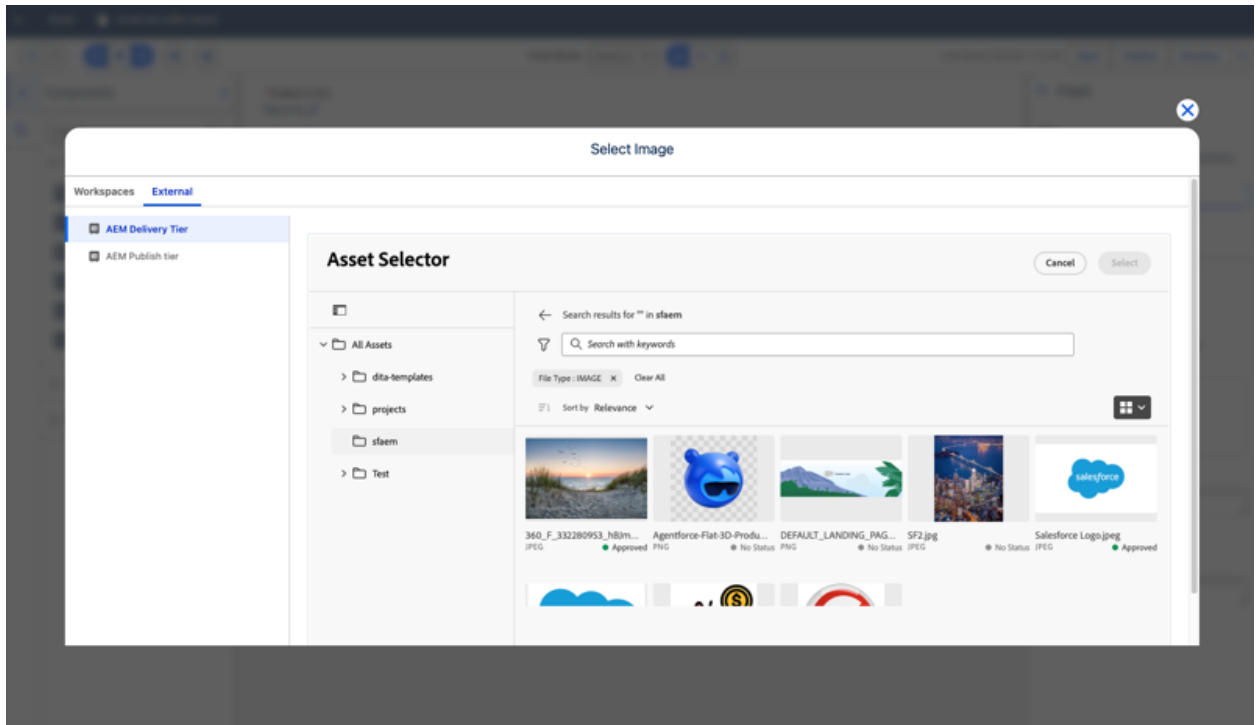
1. Open an email from your CMS workspace.
2. Select an image block on the email builder canvas.
3. Click **Add Image**.



4. On the External tab, select your AEM instance.

The AEM Asset Selector opens.

5. If prompted, log in to Adobe Experience Manager.
6. Browse or search for an image to add to the email.



7. Select an image, and then click **Select**.

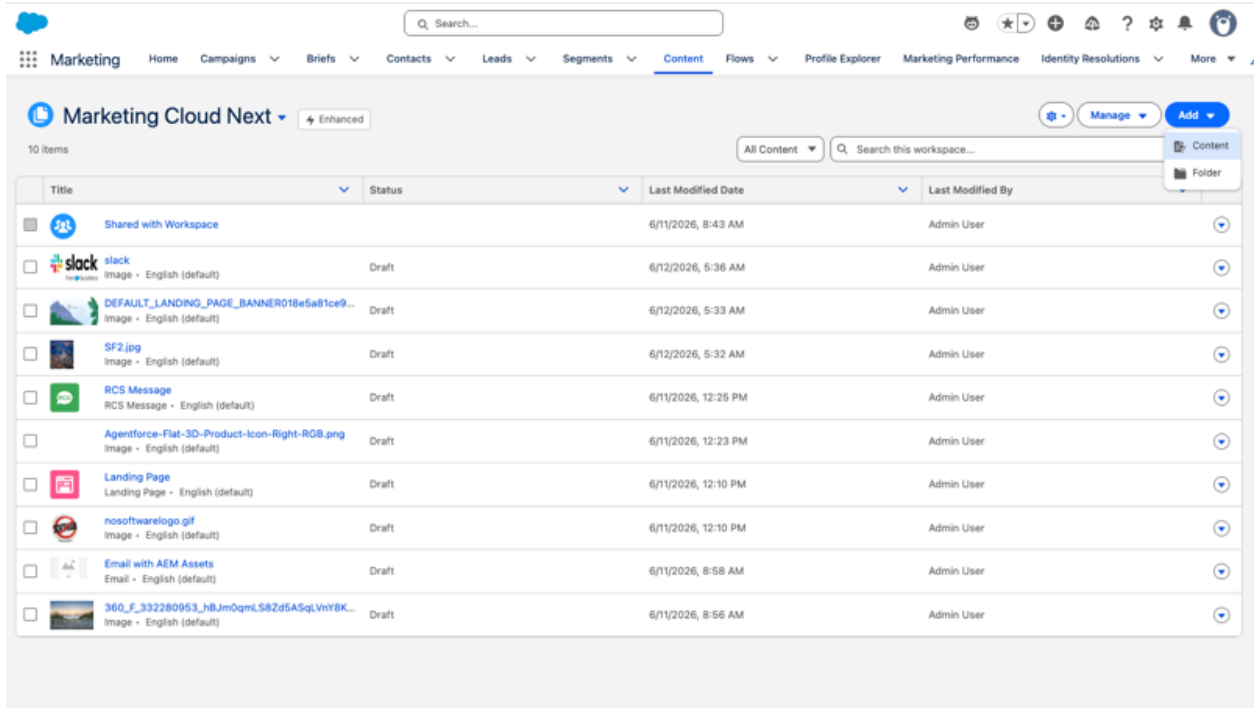
The AEM Asset Selector closes and the image appears in the email.

The app creates a reference image record in the CMS workspace. You can reuse this image in other Marketing Cloud Next content without selecting it from AEM again.

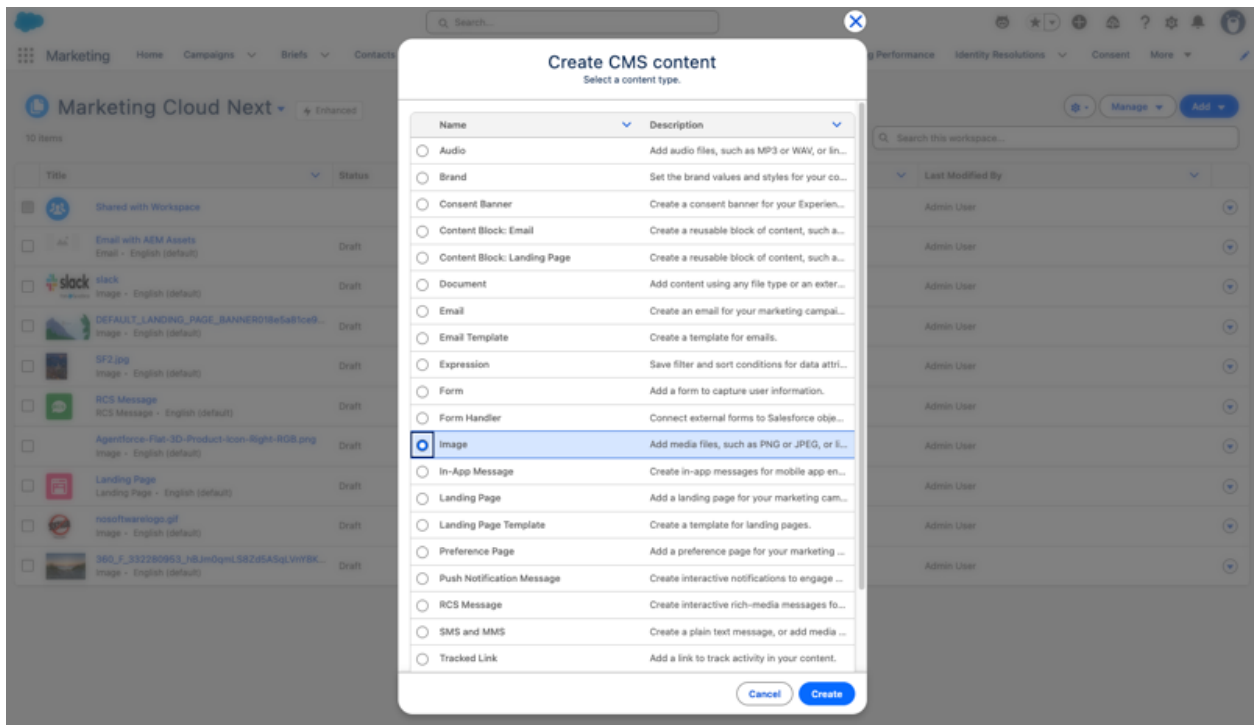
Add an AEM Image Record to the CMS Workspace

Create a referenced image record in the Salesforce CMS library that points to an asset in Adobe Experience Manager. When you create a referenced image record, you can reuse the asset in multiple marketing content items without selecting it from AEM each time.

1. From the CMS workspace, click **Add**, and then select **Content**, as shown in this image.



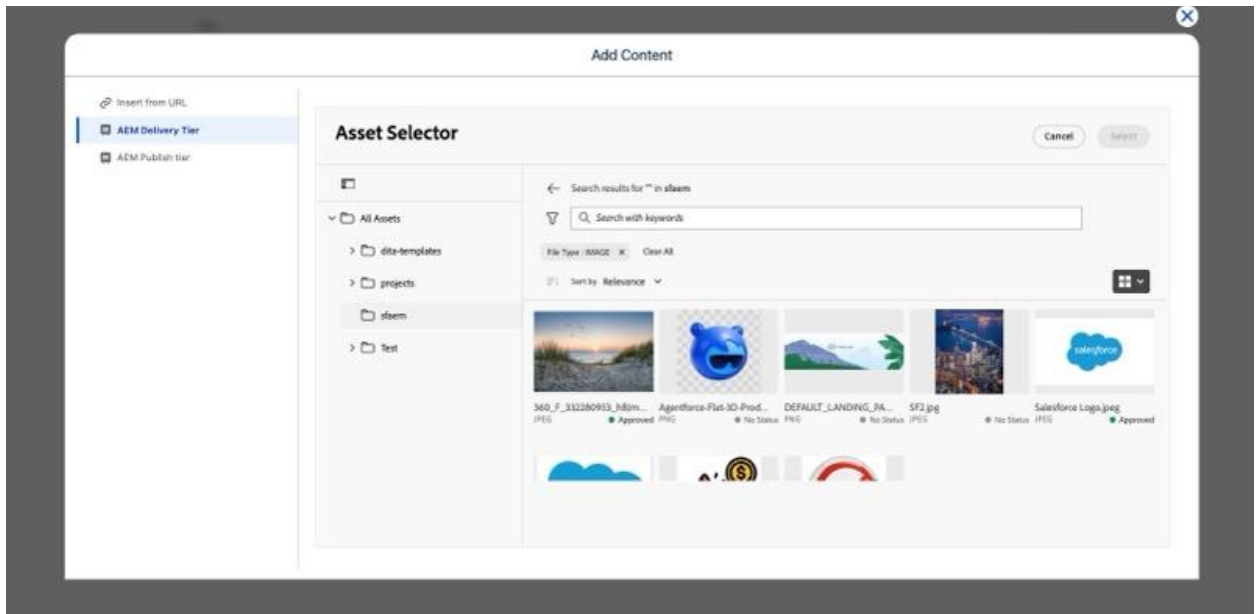
- From the list of content types, select **Image**, as shown in this image.



- Click **Add External Asset**.
- Select your AEM instance.

The AEM Asset Selector opens.

5. If prompted, log in to AEM.
6. Browse or search for an image.



7. Select an image and click **Select**.

The AEM Asset Selector closes.

8. Save your changes.

The app creates a referenced image record in your Salesforce CMS library.

Trusted Sites

The Asset Selector app installs the Content Security Policy trusted site entries that it requires to communicate with Adobe services.

TRUSTED SITE	URL PATTERN	PURPOSE
Adobe AEM	https://*.adobeaemcloud.com	AEM repository access and asset image loading.
Adobe IMS	https://*.adobelogin.com	OAuth authentication endpoints.
Adobe Services	https://*.services.adobe.com	Adobe identity and token services.

Media Type Filtering

The Asset Selector app filters assets based on the requested media type, so that only appropriate asset types are selectable.

Users can't change filters while they're selecting an asset. Only appropriate asset types are selectable for each content slot. The app applies these filters.

MEDIA TYPE	FILTER APPLIED
IMAGE	image/*
VIDEO	video/*
AUDIO	audio/*
DOCUMENT	application/*

Language Support

The Asset Selector app automatically adapts to the Salesforce user's language setting, providing support for multiple languages.

This table lists the languages that the Asset Selector app supports. If the app doesn't support the user's language, the app defaults to **en-us**.

SALESFORCE LANGUAGE	ASSET SELECTOR LOCALE
English (US)	en-us
German	de-de
Spanish	es-es
Korean	ko-kr
Portuguese (Brazil)	pt-br
Chinese (Simplified)	zh-cn
Chinese (Traditional)	zh-tw
Japanese	ja-jp
French	fr-fr
Italian	it-it

Troubleshooting

Resolve common issues related to the Adobe AEM Asset Selector app.

ISSUE	RESOLUTION
Asset Selector shows "Initializing Asset Selector..."	The Adobe Asset Selector library hasn't finished loading. Check the browser console for errors, and verify that the CSP trusted sites are active in the subscriber org.
AEM login window opens but assets don't load	The IMS token didn't transfer correctly. Clear the browser's local storage for the Salesforce VF domain and try again. Verify that the environment is active and that the Salesforce domains are on the Adobe allowlist.
Assets load but URLs are broken	Verify that the delivery method setting matches your AEM environment configuration. If you use the Delivery Tier delivery method, confirm that Dynamic Media with OpenAPI is enabled and that the <code>ASSET_DELIVERY_*</code> environment parameters are set correctly. Also, confirm that the asset is approved, published, and publicly accessible.

Additional Resources

For more information about using content from Adobe Experience Manager in third-party apps such as Marketing Cloud Next, see the official documentation on the Adobe Experience League site.

- *Adobe Experience League:* [Content Advisor installation and properties](#)
- *Adobe Experience League:* [Use Content Advisor to access AEM content in Adobe and non-Adobe applications](#)