

## Embed module

Last Modified on 12/05/2024 10:02 am IST


 This article is designated for administrators.

### About

The Embed module in the Kaltura video portal allows administrators to enable users to embed media into websites, HTML pages, or other online tools. Users can access the embedding functionality through the Share function on [media pages](#).

The module supports two embedding methods:

- **Regular embed:** Provides a standard iFrame embed code, without enforcing access restrictions unless secure embed is enabled.
- **Secure embed:** Adds protection by requiring authentication and enforcing entitlements for embedded content.

 For the user guide, please see [Share and embed media](#).

### Configure

1. Go to your Configuration Management console and click on the **Embed** module. You can also navigate to it directly using a link:

*[https://{your\\_KMS\\_URL}/admin/config/tab/embed](https://{your_KMS_URL}/admin/config/tab/embed).*

Custompages
Disclaimer
Downloadmedia
Editor
Emailnotifications
<b>Embed</b>
Embedplaylist
Entrydesign
Facebook
Footer

The Embed page displays.

MANAGE CONFIGURATION			MANAGE USERS	MANAGE GROUPS	KNOWLEDGE BASE	CLEAR THE CACHE	GO TO SITE	LOGOUT
<b>Configuration Management</b>								
Search Configuration								
Server Tools	<b>Embed</b>							
Backup Configuration	enabled	<input type="checkbox"/> Yes	Enable the Embed module.					
Player replacement tool								
Global								
Application	secureEmbed	<input type="checkbox"/> Yes	Use secure embed					
AddNew								
Auth	autoRedirect	<input type="checkbox"/> No	Select True to auto-redirect a user to the SSO login page if the user has not authenticated with MediaSpace. If a user has authenticated globally, they will be auto-authenticated by MediaSpace and redirected to the page with the video. Select False to display a message to the user to manually select when/whether to re-authenticate.					
Categories								
Channels								
Client								
Debug	autoRedirectIframe	<input type="checkbox"/> No	When autoRedirectIframe is disabled (default), the redirect for authentication will use the top browser window. When autoRedirectIframe is enabled, the redirect will occur in the iFrame					
EmailService								
EmailTemplates	autoRedirectMessageHTML	<input type="text"/>	HTML text to display while the user is auto redirected to the login page					
Gallery								
Header	notAuthenticatedHTML	<input type="text" value="Not authenticated"/>	HTML text (may include links) to display inside the iFrame if autoRedirect is set to False					
Languages								
Login	notAuthorizedHTML	<input type="text" value="You are not authorized to view this content"/>	HTML text (may include links) to display inside the iFrame in case Kaltura Entitlement authorization fails					
MediaCollaboration								
Metadata	noCategoryEmbedAccessHTML	<input type="text" value="Grabbing of this content is possible"/>	HTML text (may include links) to display inside the Embed tab of an entry page accessed not via a category/channel/gallery, when requireCategoryContent=Yes					
Moderation								
My-media	noCategoryPlayAccessHTML	<input type="text" value="Playback of this content is only allowed for the following roles"/>	HTML text (may include links) to display inside the iFrame, in case category-level embed grab and play are disabled for the category/gallery from where embed was originally grabbed, and/or when requireCategoryContent=Yes and a (legacy) secured embed is missing a category context.					
Navigation								
Player	overrideCSSURL	<input type="text"/>	URL to an alternate CSS, to allow a customer to customize the iFrame design to fit corporate style guide					
PlaylistPage								
Recaptcha								
Search								
Security								
SharedRepositories								
Widgets								

## 2. Configure the following:

**enabled** - Set to 'Yes' to enable the module.

### Regular embed

A regular embed allows users to take a Kaltura entry, such as a video, and place it into another web page by means of HTML iframe code.

**secureEmbed** - Set to 'No'.

**allowEmbedIframeShare** - Allow/Restrict sharing using iFrame. This configuration is only supported for non-v2 supported players. When allowEmbedIframeShare is set to 'No', the option to choose iframe embed is eliminated.

**embedResponsiveness** - Enable/Disable the 'Responsive Sizing' option in the embed view. When enabled, the Responsive Sizing toggle button is displayed on the Share > Embed tab.

**embedAllowed** - Select one or more roles that can use the Embed functionality. In the following example, viewerRole, privateOnlyRole, adminRole, and unmoderatedAdminRole are all allowed to use the Embed functionality.

**embedDisplay** - Set to Show or hide the ability for users to grab embed code from the share modal. This field is only relevant for Theming users.

### embedSkins

Define skins that can be used for embedded players. When configured, the Player Skin options are displayed on the Share > Embed tab.

**name** - What is the name of the skin? The skin name is displayed when the user selects

an embedded skin.

**imgFile** - What is the relative path to the image file on the server? The image file represents how the skin looks.

**uiConfId** - What is the numerical value of the player ID to use in the embed code?

### embedSizes

Define sizes that can be used for embedded players. Define the player size in the following format: {width}x{height}

- large 608x402
- medium 400x285
- small 304x231

3. Click **Save** to save your configuration settings.

## Secure embed

Secure embed allows administrators to control how Kaltura media is embedded and accessed on external sites, ensuring security, entitlement enforcement, and authentication for embedded content. Key benefits include:

- Seamless **authentication via pop-up**, even on browsers that block third-party cookies.
- Strong **embedding controls**, including category-level restrictions.

1. [Enable the module](#) then configure the following:

**secureEmbed** - Set to 'Yes'.

---

secureEmbed

Yes ▾

---

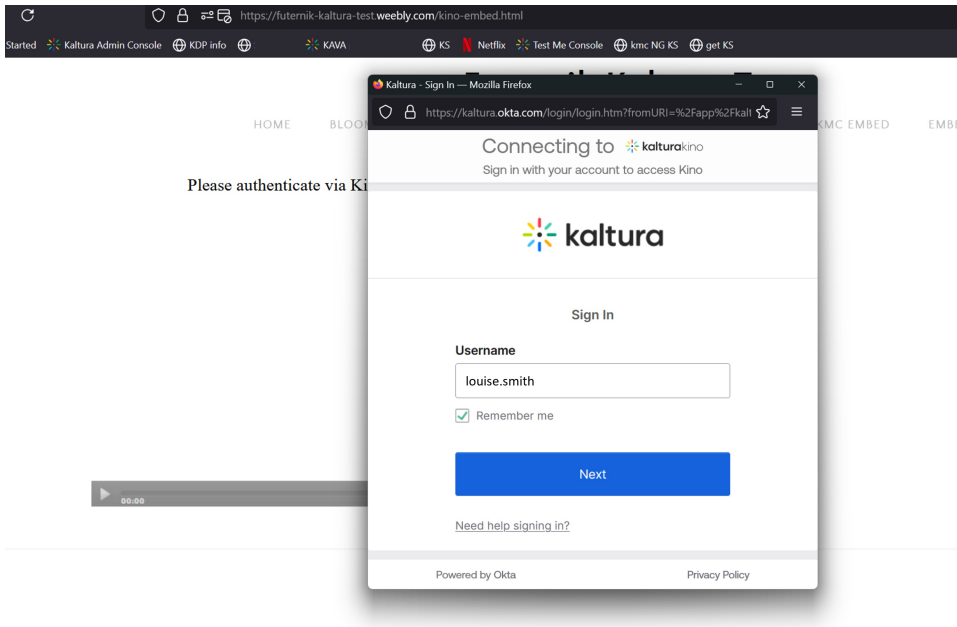
This displays additional fields.

### Authentication settings

**autoRedirect** - Set to 'Yes' to automatically redirect users to the SSO login page if not authenticated. Globally authenticated users are redirected back to the video page. If not globally authenticated, a 'Sign In' page will appear.

When set to 'No', a message prompts users to manually authenticate.

**autoRedirectiframe** - When **autoRedirect** (above) is set to 'Yes' and **autoRedirectiframe** is set to 'No' (default), the redirect for authentication will occur in a pop-up (as shown in the image below). This ensures that users with blocked third-party cookies can log in directly from the page where the embed is located.



When **autoRedirect** is set to 'Yes' and **autoRedirectiframe** is also set to 'Yes', the redirect will occur in the iframe.

**autoRedirectMessageHTML** - Customizable HTML text displayed while users are being auto-redirected to the login page. Example: "Please login with your credentials."

- ✔ For details on how these settings affect authentication behavior, see the [Authentication behavior table](#) at the end of this document.

## Embedding controls

**notAuthenticatedHTML** - Customize the message (can include links) shown inside the iFrame when **autoRedirect** is set to 'No'. Example: "Not authenticated."

**notAuthorizedHTML** - Customize the message (can include links) displayed when users fail entitlement checks. Example: "You are not authorized to view this media."

- 💡 If you'd like to further restrict users from viewing media in KMS, you could consider disabling `allowAnonomous` in the [Auth module](#).

## Category-level restrictions

**noCategoryEmbedAccessHTML** - Sets the HTML message (can include links) shown to users when an embed cannot be played due to failed category-level checks, when

**requireCategoryContext** (see [further down](#)) is set to 'Yes'.

**noCategoryPlayAccessHTML** - Customizable message shown when playback is restricted due to category-level settings. Example: "Playback of this content is only allowed on its original publishing destination."

✓ As with any other texts in the video portal, these messages can be localized and customized using the [Languages module](#).

**overrideCSSURL** - Specify a URL for a custom CSS file to match the iFrame design with corporate branding.

**categoryLevelEmbed** - Allows gallery / channel managers to restrict embedding and playback of content from specific categories. This requires the [CategoryEmbed](#) or [ChannelEmbed](#) modules to be enabled.

**requireCategoryContext** - When set to 'Yes' (with **categoryLevelEmbed** set to 'Yes'), ensures embeds can only be grabbed from channel or gallery contexts. Embeds from context-less entry pages (for example, My Media) are not allowed.

⚠ Setting **requireCategoryContext** to 'Yes' ensures embeds only work in category or gallery contexts, but it may block playback for existing secured embeds without a category context. Enable this only if `secureEmbed` is not already in use to avoid disrupting current embeds.

## Share and embed settings

**allowEmbedIframeShare** - Allow/Restrict sharing using iFrame. This configuration is only supported for non-v2 supported players. When `allowEmbedIframeShare` is set to 'No', the option to choose iframe embed is eliminated.

**embedResponsiveness** - Enable/Disable the responsive sizing option in the embed view. When enabled, the Responsive Sizing toggle button is displayed.

**embedAllowed** - Select one or more roles that can use the embed functionality. Choose from the following options:

- Owner Only
- Co-Editor
- Co-Publisher
- Specific Users / Groups
- `anonymousRole`
- `viewerRole`
- `privateOnlyRole`
- `adminRole`

- unmoderatedAdminRole

**embedDisplay** - Choose 'Show' or 'Hide' to control whether users can access the embed code from the 'Share' window. This setting is applicable only for users with Theming enabled. In the example below, **embedDisplay** has been set to 'Show'.



## Customization options

**embedSkins** - Define skins that can be used for embedded players. When configured, the Player Skin options are displayed.

**name** - The skin name is displayed when the user selects an embedded skin.

**imgFile** - What is the relative path to the image file on the server? The image file represents how the skin looks.

**uiConfId** - Enter a player ID to use in the embed code.

**embedSizes** - Define sizes that can be used for embedded players in the format {width}x{height}:

- large 608x402
- medium 400x285
- small 304x231

2. Click **Save** to save your configuration settings.

## Authentication behavior for secure embed

Browser	autoRedirectIframe	User state	Result	Is it new behavior?
Chrome (allows third-party cookies)	Yes	Logged in	Player loads normally.	No
Chrome	Yes	Not logged in	Redirects to auth in iframe and then returns to player.	No
Chrome	No	Logged in	Player loads normally.	No

Chrome	No	Not logged in	Opens a pop-up for authentication and refreshes the iframe to load the player.	Yes. Previously, the authentication process redirected users away from the current page (e.g., a SharePoint page) using <code>window.top</code> . After successful authentication, it was expected to redirect the user back to the original page.
Safari (cookies blocked)	Yes	Logged in	Opens pop-up and immediately closes (user is logged-in), the iframe is refreshed and player is loaded.	Yes. previous behavior was just a message saying third-party cookies blocked.
Safari	Yes or No	Not logged in	Opens pop-up and after authentication, refreshes iframe and player loads. Second load of the page with the embed: pop-up opens and immediately closes (user logged into video portal).	Yes. Previous behavior was just a message saying third-party cookies blocked.
Safari	No	Logged in	Opens pop-up and immediately closes (user is logged in), the iframe is refreshed and player is loaded.	Yes. Previous behavior was just a message saying third-party cookies blocked.
Safari playlist partially allowed for anonymous	Yes or No	Logged in	Shows partial playlist. Clicking login opens a pop-up, which immediately closes, and the full playlist	Yes. Previously, a click would send you to authenticate but due to blocked third-party cookies, the full playlist

anonymous			loads.	cookies, the full playlist wouldn't load.
Safari playlist partially allowed for anonymous	Yes or No	Not logged in	Partial playlist renders. Clicking on login opens pop-up for authentication. After login, the iframe refreshes and full playlist loads.	Yes. Clicking login redirected to authenticate, but blocked third-party cookies still prevented the full playlist from loading.