kaltura

Custom/Core Modules/KMS/KAF

Kwebcast

> **This article is designated for administrators.**

About

The Kwebcast module is used to activate and set up Kaltura Webcasting aka Town Hall.

> ⚠ Currently, the Kwebcast module uses live entries, therefore if the Kwebcast module is enabled, the liveentry module must be disabled.

> This guide will demonstrate KMS & KAF application's new theming module. To learn more, please visit Uploadmedia Module.

Configure

Enable the Module

enabled - When enabled, the Town Hall tool is displayed on the **+ Create** menu to users in MediaSpace and KAF applications. Once users select Town Hall from the **+ Create** menu, the **Schedule a Webcast Event** page displays. See the examples below.

To learn more, see Creating a Webcasting Event.

Change the Name and Logo on Kaltura Webcasting Application

applicationName -

You may brand the Kaltura Webcasting application with a specific name (perhaps the name of your company). This name displays as the application is loading. Type the name.

If this field is left empty, the default Kaltura branding name is used.

For more information on the Kaltura Webcasting application, see Using the Webcasting Application.

applicationLogoUrl -

You may brand the Kaltura Webcasting application with a specific logo (perhaps the logo of your company). This logo displays in the upper left corner of the application. Type the URL to a logo image. The logo size should be 156x78 pixels. (You may use http://www.simpleimageresizer.com, a free online resizing tool.)

If the field is left empty, the default Kaltura brand logo is used.

Make DVR and Transcoding Choices

dvrEnabled -

Enabling DVR feature allows your viewers to pause, rewind, and continue during the event. After a viewer resumes playing, the event continues from where the viewer left off/paused.

transcodingProfile -

Select the transcoding profile to use for Webcast Events. The options for live streaming transcoding profiles include Pass-Through and Cloud Transcode.

The Pass-through transcoding profile option, also known as Live, takes your content's original source input flavor and passes it through the Kaltura system without any changes. This option uploads the source file, but does not transcode it; the source is the original file uploaded as is. Other flavors are not created. Pass–through is done on the client side. If you want multiple transcode values, you will need to encode the multiple flavors on the client with your local encoder.

The Cloud transcoding option, also known as Live+, takes the content's original source input flavor and generates additional transcoding flavors that support different resolutions and formats. There is 3 pre-defined cloud transcode packages: SD, HD, and HD+, each package offers a different # of flavors, resolutions, and bitrates.

To learn more, please visit How to Set Transcoding Profiles for Live Streaming.

Define Who Can Create Live Broadcasts

liveBroadcasterRole -

Limit Webcast Event *creation* to a certain user/group/role. If a role is selected, any role

with higher permissions than the role selected will be allowed to create Webcast Events. Those who are configured can see the Webcasting Event option on the **+Create** menu.

If Specific Users/Groups are selected, additional functionality displays.

allowedUsers -

Select users who are allowed to create Webcasting Events. Click the **+Add "allowedUsers"** button, click Select Users/Groups, then start typing the name of a user or group. Click on the appropriate name, then click Submit. Repeat for multiple users. To delete users/groups, click the red **DELETE** button.

Set IDs of UI Confs

WinProducerAppUiConfID -

This value is automatically assigned by the system upon saving. A specific instance of the application will be added to the PID. This is the ID of the UIConf for the Windows Kwebcast application.

MacProducerAppUiConfID -

This value is automatically assigned by the system upon saving. A specific instance of the application will be added to the PID. This is the ID of the UIConf for the Mac Kwebcast application.

PlayerUiconfId -

The PlayerUiconfId is the Player ID used for webcast events. This value is automatically assigned by the system upon saving and can be customized as needed.

> To make adjustments to the player, i.e., add a logo, disable, or enable functions, you may locate this player ID and configure it in the KMC's Studio tab. Alternatively, you may create a new Smart player via the Player Studio, see The Kaltura Player Getting Started Guide for additional information.
> * The Smart player already includes all the essential webcasting plugins to ensure slide sync and Q&A availability.

BSEPlayer -

The BSEPlayerUIConfID is the Player ID used for the BSE Webcast events. This field is only relevant to KAF administrators. See the article Using the Browse Search and Embed (BSE) Feature for more information.
This value is automatically assigned by the system upon saving and can be customized as needed.

> To make adjustments to the player, i.e., add a logo, disable, or enable functions, you may locate this player ID

and configure it in the KMC's Studio tab. Alternatively, you may create a new Smart player via the Player Studio, see The Kaltura Player Getting Started Guide for additional information.
* The Smart player already includes all the essential webcasting plugins to ensure slide sync and Q&A availability.

Webcasts Homepage Set Up

EnableHomepagePreview -

Enable auto-playing video previews inside the carousel on the Webcasts Homepage. If set to Yes, additional functionality displays.

HomepagePreviewPlayerId -

The Player ID for the player used on the Webcasts Homepage page. The player version must be v7.

Enable QnAs and Polls

EnableQnA -

Enable or disable running moderated Q&A sessions during live webcasts. This option should be enabled to display the Moderator View when Webcasting Moderators are assigned.

This is a global setup. Choosing Yes means all events will support QnA. You can disable this functionality per event.

EnablePolls -

Enable or disable polls during webcast events.

This functionality is only supported in the Kaltura webcasting application and is a global setup. You can disable this functionality per event.

showInSearch -

Select which fields should appear in the search.

Choose Between Auto Start or Go Live Button

autoStartEventOnBroadcast -

Define whether the webcasting event should automatically start when the encoder starts broadcasting the video, or explicitly start the webcasting event after previewing the stream.

Disabling this functionality will allow the event producer to control manually when the

event will start broadcasting upon a click on the **Go Live** button in KMS or the webcasting application.

Enable and Configure Live Scheduling via the Kaltura Webcasting Calendar in KMS

liveSchedulingEnabled -

When enabled, all event admins will be able to see and edit all past and future partner events (including events not created by them) via the Kaltura Webcasting Calendar. see Webcasting Events - The Webcasting Calendar for additional information.

> ⚠ You must set the allowedGroupsCollaboration to Yes in the mediacollaboration module in order for this feature to work properly.

admins -

Assign specific users as webcast administrators who are allowed to *manage (schedule, create and modify)* Kaltura Webcasting events. This can be based on the user role or group of users. Users/groups/roles who are configured can see the Kaltura Webcasting Calendar.

exportResources -

Download Resources List. Export the current list of resources (rooms, cameras, encoders, etc.).

manageResources -

Upload a resource definition file (.csv). See the example format here.

Self-Serve Functionality

SupportSelfServed -

This functionality will be disabled (set to No) by default.
Select Yes in the SupportSelfServed field to enable Self-serve Webcasting.

By enabling the SupportSelfServed field, you automatically enable the Preview Live mode and disable the autoStartEventOnBroadcast. The **Go Live** button will be displayed in the KMS/Webcasting application to click to actually go live.

allowedRolesForSelfService -

Select who can create a Self-Serve Webcast. If a role is selected, any role above it will also be able to create a Self-Serve Webcast.

If you chose Specific Users/Groups, additional fields display. In the allowedSelfServedUsers section click + Add "allowedSelfServedUsers". Select the users who will be entitled to use Kaltura Self-serve Webcasting. Click "Select Users" and type in the username or id. Click Submit. Repeat for multiple users. To delete users/groups, click the red **DELETE** button.

Additional Configuration

defaultThumbnailUpload -

All webcast entries have a default Kaltura Townhalls thumbnail.

You can upload an image here to replace the default Kaltura Townhalls thumbnail. The suggested image size is 1140×672 pixels. This thumbnail applies to all webcast entries.

You may, however, customize the thumbnail for each webcast entry (overriding this default) using the Thumbnails tab on the Edit Entry page. See the Thumbnail section of Editing a Webcasting Event for more information.

SupportConferenceIntegration -

Choose whether to allow a Video Conference Integration scenario. See the article Kaltura Video Conference Integration V1 for more information.

If Yes is selected, additional functionality displays.

allowedRolesForIntegration -

Decide who can launch video conference integrations from Webcast Events. If a role is selected, any role above it will also be able to launch video conference integrations from Webcast Events.

thumbnailRotator -

Enable a thumbnail image rotator on mouse over for your events. If you have multiple events running at the same time, you can have a thumbnail rotator that will switch between events that are currently live.

showLastArchivedDefault -

Select Yes to show a link to the last archived video on top of the live page. This will be the default for all live entries.

If you would like to allow live entry owners to change the default settings of individual

entries, set showLastArchived to Yes in the Entrydesign module.

> ⚠ Setting showLastArchivedDefault to Yes in Kwebcast will set the default only. If showLastArchivedDefault in Kwebcast is set to No, but showLastArchived in entryDesign is set to Yes, it will still be available on the entry-level.

Optimize for Large Scale Events

leanEntryPage -

This feature is used to optimize all the live broadcasts for large-scale events. The default is enabled.

> ⚠ Do not change this setting unless you are advised by your Kaltura representative.

Save

Your configuration for "Kwebcast" was saved. The cache was cleared.

For additional information about Kaltura Webcasting, see the Kaltura Webcasting Administrator's Guide.

Outlookintegration

> ⚠ The Kwebcast Module must be enabled in order to activate this module.

For more information, see the Webcasting Outlook Integration article.

Field	Description
enabled	Enable, the Outlookintegration Module.

Privacybanner

This module is used to set a notice for anonymous users to know that cookies are collected . For more information see Privacy Banner for Anonymous Users - KMS Admins

Field	Description
enable	Enable the Privacybanner module.

Field	Description
bannerMessage	Insert the text that will show on the banner. Up to 250 characters. Rich text is supported for example, HTML tags, links, bold, underline.

Raptmedia

The Kaltura Raptmedia module is used to enable Kaltura Interactive Video Paths. For more information about the Raptmedia module see the Kaltura Interactive Video Paths Administrator's Guide.

Field	Description
enable	Enable the Raptmedia module.
host	Readonly. Always set to `app.raptmedia.com` .
accountId	Enter the ID of your Kaltura Interactive Video Path Media account.
newComposer	Enable to use the new Kaltura-only composer.
allowedRole	Who can create Interactive Videos? If a role is selected, any higher role will also be able to create Interactive Videos.
playerId	Enter the id of the player that will be used to play Interactive Video Path media.

Recscheduling

The Kaltura Scheduling feature enables leveraging Kaltura's media management capabilities to schedule recordings using partner capture devices. For more information about the Recscheduling module see the Kaltura Scheduling Administrator's Guide.

Select or enter values for the relevant fields and click Save.

Field	Description
Enabled	Enable the Recscheduling module.
allowLiveLectureCapture	Allow scheduling of 'Lecture Capture + Live' events.

Field	Description
allowedUsers	Select specific users who are allowed to schedule events. The users will be automatically added to the 'RecordScheduleGroup' group.
exportResources	Download a resources list of resources already defined in your system
manageResources	Upload a resource definition file. See here for more information.
additionalRootCategories	Add additional root categories as a publishing destination for scheduled recordings. Note that all categories under additional root categories will be viewable by the users creating scheduled recordings. This option is only relevant to Kaltura MediaSpace publishing workflows for events.

Registration

The Registration Module is used to allows users to create registration form for viewing live events and VOD recordings before the player is displayed.

Use the Registration Module to:

- Set a registration form for media of type: Webcast/Live (kwebcast module), VOD
- Download a report of all the users that registered via the registration form
- Short links to the event with an expiration of 1 year will be set to outlook calendar invites

For more information, see the Kaltura Event Registration Administrator's Guide.

Select or enter values for the relevant fields and click Save.

Field	Description
enabled	Enable, the Registration Module.
registrationForms	Select an available registration form for the entry.
registrationSetupRole	registrationSetupRole privateOnly Role ▼ Choose the minimal role required to setup registration for an entry.

Field	Description
mediaPlayer	Select the Media Play.

xapi

The xapi module sends xAPI events to LRS that support xAPI.

For a high-level overview of xAPI and a list of xAPI events that are delivered from Kaltura to the LRS, see xAPI Analytics Guide.

Select or enter values for the relevant fields and click **Save**.

Field	Description
Enabled	Enable the xapi module.
endpoint	Your LRS xAPI (TinCan) endpoint.
key	The xAPI app key defined in your LRS
secret	The xAPI app secret defined in your LRS.
sendAccountinfoInsteadOfEmail	If set to "No", the "actormbox" property (user email) will be sent to the xAPI receiver. If the user email is not available, the "actor.account" property (user ID, user Site) will be sent to the xAPI receiver. If set to "Yes", only the "actor.account" property (user ID, user Site) will be sent to the xAPI receiver.
videoEndPercent	Reaching this percentage of the video or higher with count as 'finished watching' the video.
videoEndSeconds	Reaching this amount of seconds before the end of the video or lower will count as 'finished watching' the video.

Meetingentry

> **This article is designated for administrators.**

About

This module is used to provide the ability to create, publish, and search for Kaltura Meetings Rooms in the site. This module depends on the Newrow module.

Configure

enable - set to Yes to enable the module.

allowedUsersOrRoles - Who can create a Kaltura Meeting Room.

advancedEntrance - How long (in seconds) before the event is scheduled to begin, can attendees join the meeting room, if a moderator started the room.

roomTemplates - Here is where you setup the default room template. Available room templates' owners can use these templates for their personal rooms.

availableRoomTemplates - Choose which templates room owners may use for their rooms when they create a room or when editing the room settings using the Room Mode drop down.

☑Default room - interactive session

☑Default room - panel with viewers

defaultRoomTemplate - Select the default room template for all new rooms created in the account.

Related Modules

Newrow module

Connectkms2kaf

The Connectkms2kaf module allows you to connect your KMS and KAF together. To get started, make sure that the relevant KAF module is available on your KAF instance.

Prerequisite: Both the KMS and KAF must point to the same root category for proper deployment of this feature.

Field	Description
enabled	Enable the Connectkms2kaf module.

Field	Description
showInContextInCourseGallery	This setting determines whether the option "Display embedding media in this Media Gallery" displays in the Edit Media Gallery page of the KAF course. If you choose "Disabled" the option does not display. If you choose "Enabled: Default-No", the option does display and is unchecked by default. If you choose "Enabled: Default - Yes", the option displays and is checked by default. Channel managers can change this setting in the Channel Settings page.

Scheduledmedia

The **Scheduledmedia** module (also known as a scheduled VOD) is dependent on the kwebcast module.

This module is a custom module and isn't available by default for every KMS.
To enable this module, please contact your Kaltura customer service representative.

The Scheduledmedia module differs from the KMS Scheduling module. The Scheduling module is based on availability scheduling. If you enable the Scheduling module, you won't be able to access or display the entry using this module.

The Scheduledmedia module allows users to access an entry, see the related media, download attachments, and see all other metadata related to the entry. However they won't be able to play the video until the scheduled time. Viewing is very similar to live and simulive.

Field	Description
enabled	Enable the Scheduledmedia module.

Interactivevideopath

Field	Description
enabled	Enable the Interactivevideopath module.
disableCreate	
disableEdit	

Field	Description
allowedRole	
allowedUsers	Select users who are allowed to create Interactive Videos.
playerId	Fill in the Player ID to be used as the main playback player for Interactive Video Path entries. Leave empty to use the default.

Hostnames Module

> **This article is designated for administrators.**

About

This module allows you to setup a vanity URL or 'alias' for a particular Video Portal or KAF instance. You also can view your current site hostnames, add new hostnames and set a main alias.

Prerequisite

To setup a new hostname for your application, you should first contact your IT department / web host provider, and ask that they configure a CNAME DNS record to point the new hostname to your instance hostname. Visit our article Set up Alias Hostname for KMS and KAF for more information.

Enable the module

1. Go to your Configuration Management console, and navigate to the **Hostnames** module. Your link should look like this: *https://{your_video portal_URL}/admin/config/tab/hostnames*.

> ⚠ If you don't see this module in your list, please contact your Kaltura representative to enable it for you.

2. In the Hostnames window, set **enabled** to 'Yes'.

3. Click **Save**.

Add a hostname

1. Click the **Navigate to the hostnames page** link, or navigate to *https://{your_site_url}/hostnames/admin/hostnames*.

The **Application Hostnames** page displays.

Here you can see all current hostnames for the application.

2. Click **+Add Hostname**.

The **Add Hostname** box displays.

3. Enter your chosen alias, then click **Check Availability/Ownership**.

The new alias will show in the list as pending.

A message will appear: '*The selected hostname is set in the background. You can refresh the page to check the status of the new hostname*.'

The setup process happens in the background, and the status will change automatically to **Ready** once the process is completed.

4. Once you've received the confirmation **Hostname is available**, click **Set Hostname**.

Set a main alias

1. Locate the desired hostname and click the **3 dots menu** at the end of the row

2. Select **Set as main alias**.

The main alias you choose will automatically appear in the Application module in the **mainSiteAlias** field (as shown in the image below).

[template("cat-subscribe")]