Kaltura MediaSpace™ Setup Guide

Version: 4.x

Contents

Preface

Preface

This preface contains the following topics:

- About this Guide
- Audience
- Document Conventions
- Related Documentation

About this Guide

This document details the setup required for Kaltura MediaSpace™ (KMS) Version 4.5 following installation or upgrade. The document describes how to set up your site structure, prepopulate Kaltura MediaSpace content, assign user permissions, and implement authentication and authorization.

NOTE: You perform some setup steps in the Kaltura MediaSpace Administration Area and in the Kaltura Management Console (KMC).

NOTE: Please refer to the official and latest product release notes for last-minute updates. Technical support may be obtained directly from: Kaltura Support.

Contact Us:

Please send your documentation-related comments and feedback or report mistakes to knowledge@kaltura.com.

We are committed to improving our documentation and your feedback is important to us.

Audience

This document is intended for Kaltura MediaSpace site administrators.

Document Conventions

Kaltura uses the following admonitions:

- Note
- Workflow

NOTE: Identifies important information that contains helpful suggestions.

Workflow: Provides workflow information.

1. Step 1
2. Step 2

Related Documentation

In addition to this guide, the following product documentation is available:

- Kaltura MediaSpace
- Kaltura Management Console (KMC) User Manual

Understanding the MediaSpace Setup

Kaltura MediaSpace features fine grained governance rules that grant specific permissions to content on the MediaSpace site. To explain your options, this document describes the different site sections, roles, and permissions that you can configure for MediaSpace.

This document focuses on setups that include user permissions, referred to as entitlement enabled.

To start learning about MediaSpace, refer to the Kaltura MediaSpace User Manual, which describes channels and user permissions in terms of site features.

Enabling User Permissions – Prerequisites

Contact your Kaltura Project/Account Manager to confirm that the following prerequisites are implemented:

- Entitlement services are enabled and *enforce entitlement* is set to true in your account settings.
- (Optional) The *Like* feature is enabled in your account settings.
- A root category is set up for MediaSpace in the KMC (see To set up a MediaSpace category tree in the KMC)

Assigning user permissions usually is handled in bulk using a comma-separated value (CSV) file. To learn more about the End-User Entitlements CSV, refer to the End-User Entitlements CSV.

Understanding Content Collections

Content collections in MediaSpace are defined as either galleries or channels. Your MediaSpace instance can include one or both.

Understanding Galleries

Galleries represent structured, centrally curated media galleries that are available from the MediaSpace top menu. MediaSpace galleries can be organized around specific topics in either a hierarchal or a flat navigation layout. When MediaSpace is used as a company/institution-wide media portal, galleries usually are shared with the entire organization and also may be available to the public on the web.

Understanding Roles and Permissions for Galleries

You usually enable permission to add content to galleries using **application roles.** For example, you can enable a user to publish to a gallery by assigning the *Admin* role to the user. The role applies to all galleries.

In addition to using roles to enable permissions for galleries, you can use entitlement permissions. See Understanding Permissions**.**

Understanding Channels

Channels are media collections that can be accessed by a subset of users (or all authenticated users). Channels can be created and managed by authorized **end-users** or can be provisioned centrally by a **KMC admin**.

Understanding Roles and Permissions for Channels

Entitlement permissions are used to assign permissions to channels (for example, enabling a user to add content to a channel).

Application Roles apply globally, while channel permissions are contextual. An example of contextual channel permissions is a user with *Manager* permissions for one channel and lower-level *Contributor* permissions for another channel.

For a user to perform an action that a permission allows, the action must be allowed by the user's application role. Therefore, you must ensure that a user with a permission of *Contributor* or higher (see Understanding Permissions) is assigned a role of *PrivateUpload* or higher (see Application Roles). Otherwise, the user is not able to upload content to MediaSpace despite the permission that entitles the user to contribute content.

A Channel Manager can assign permissions in MediaSpace. The channel manager selects the kind of access that users have for the channel. If the channel type is restricted or private, the channel manager adds members and assigns member permissions. To learn more, refer to the Kaltura MediaSpace User Manual.
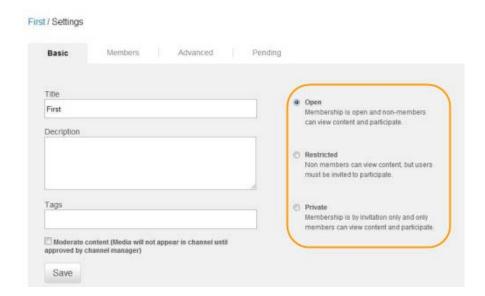
Understanding Channel Types

MediaSpace supports the following types of channels:
- **Open:** All authenticated users are entitled to access the channel and contribute content.
- **Restricted**: All users are entitled to access the channel, but only specific users are entitled to contribute content.
- **Private:** Only specific users are entitled to access the channel and to contribute content.
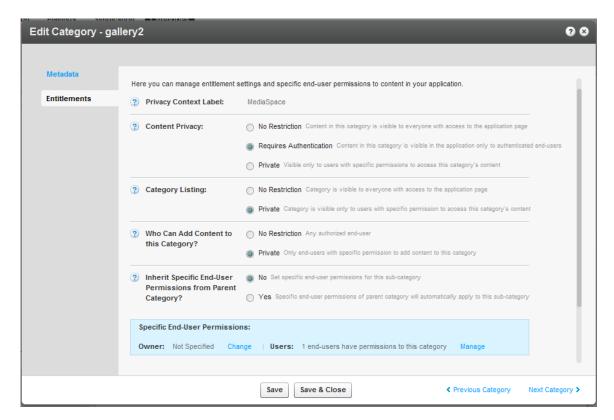
MediaSpace Terminology	KMC Properties		
	Privacy	Listing	Who can add content?
Open	Authenticated users	No Restriction	No Restriction
Restricted	Authenticated users	No Restriction	Private
Private	Authenticated users	Private	Private

Understanding the MediaSpace Setup

Channel type definitions are displayed in MediaSpace under Channel Settings>Basic:

KMC entitlement definitions are displayed in the KMC under Content>Categories>Edit Category window>Entitlements tab:

NOTE: If modifications are made in the KMC that do not correspond to one of the channel types, MediaSpace behavior will follow the KMC definition, not the designated type.

For more information, refer to How to set entitlement settings in the KMC.

Understanding Channel Listings

A company/institution-wide shared channel listing is available in MediaSpace for channel searching and content discovery.

In addition, each user has direct access to the list of all channels they belong to (with permission of member and above).

To learn more, refer to the Kaltura MediaSpace User Manual.

Understanding Application Roles

MediaSpace application roles apply globally and include:

- **Anonymous** – Can browse your site anonymously until trying to access pages/actions that require login: My Media, My Playlists, and Add New.
- **Viewer**
  - Can browse public galleries
  - Is not authorized to upload new content
  - Does not have a My Media page
- **PrivateUpload**
  - Can upload content to My Media
  - Cannot publish to galleries
  - Can add media
- **Admin**
  - Can upload content to all galleries
  - Can upload content
- **UnmoderatedAdmin** – Can upload content and bypass moderation (when moderation is enabled for an account)

MediaSpace application roles are backward compatible.
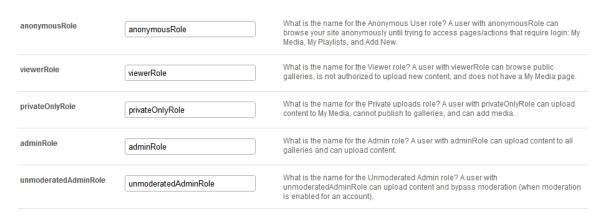
Modifying Application Role Names

You can modify MediaSpace application role names to match your institutional terminology.

🗒 To modify MediaSpace application role names

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Roles tab.
2. Modify the label for one or more roles, and click **Save**.

Roles

anonymousRole	anonymousRole	What is the name for the Anonymous User role? A user with anonymousRole can browse your site anonymously until trying to access pages/actions that require login: My Media, My Playlists, and Add New.
viewerRole	viewerRole	What is the name for the Viewer role? A user with viewerRole can browse public galleries, is not authorized to upload new content, and does not have a My Media page.
privateOnlyRole	privateOnlyRole	What is the name for the Private uploads role? A user with privateOnlyRole can upload content to My Media, cannot publish to galleries, and can add media.
adminRole	adminRole	What is the name for the Admin role? A user with adminRole can upload content to all galleries and can upload content.
unmoderatedAdminRole	unmoderatedAdminRole	What is the name for the Unmoderated Admin role? A user with unmoderatedAdminRole can upload content and bypass moderation (when moderation is enabled for an account).

Assigning Application Roles to Multiple Users in Bulk

You can assign application roles to multiple users with a bulk action. You use an End Users CSV that includes an option to assign roles.

📋 To upload an End Users CSV

Do one of the following:

o In the KMC, upload the End-Users CSV. Refer to the End-Users CSV - Usage and Schema Description.

o On the User Management panel of the Kaltura MediaSpace Administration Area:

 - Click **Submit CSV**.
 - Click **Choose File** to select the CSV file, and click **OK**.

Understanding Permissions

While an application role applies to your **entire** MediaSpace site (and publishing rights apply to **all** galleries), some permissions may be gallery or channel-specific.

You set user permissions to a specific content collection by applying the following permission levels:

- **Member**: Can access a channel or gallery but cannot add new content
- **Contributor**: Can add content to a channel or gallery
- **Moderator**: (Applies to channels only) In addition to the Contributor permission, can moderate content.
- **Manager**: (Applies to channels only) In addition to the Contributor permission, can moderate channel content and access channel settings, including change metadata, edit members, change appearance, and delete channel. See Understanding Roles and Permissions.

In **channels**: All permission levels are relevant for channels.

In **galleries**: Only the Contributor and Member permission levels are relevant to galleries. Assigning a list of users as Members enables the users only to access a gallery. Assigning a list of users as Contributors enables the users to access a gallery and add media. (A user with the Admin application role also can add media.)

Understanding Roles and Permissions

Who can upload content to MediaSpace?

A user with an application role of PrivateUpload and higher (admin, unmoderatedAdmin) can upload content to MediaSpace.

Who can view galleries?

By default, galleries can be accessed by all authorized users.

When Anonymous mode is enabled, galleries also can be viewed by anonymous users.

▤ To enable Anonymous mode

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
2. Under *allowAnonymous*, select **Yes** and click **Save**.

allowAnonymous	Yes ▼	Can users access MediaSpace without logging in ? Anonymous users will be able to browse the galleries and view videos. Unlike viewerRole, anonymousRole users WILL see links/ buttons to actions that require more qualified roles, but upon clicking them will be presented with a login screen.
	No	
	Yes	

How do restricted galleries behave?

If a gallery is restricted by entitlement settings in the KMC so that it is listed and displayed and restricts access to Private (members only), the gallery is displayed in navigation but unauthorized users cannot access the gallery.

If a gallery is restricted by entitlement settings in the KMC so that it is unlisted and restricts access to Private (members only), the gallery is displayed in navigation but unauthorized users have restricted access.

Who can add media to a gallery?

The following users can add media to a gallery:
*   A user with an application role of Admin or UnmoderatedAdmin
*   A user who is assigned Contributor permission and above, to a specific gallery

Who can view a channel?

The following users can view a channel:
*   A user who is authorized by entitlement permissions in the KMC
*   A user who is added as a member by the channel manager in MediaSpace

How does a user become a manager?

A user can become a manager in the following ways:
*   The End-User Entitlements CSV includes fields for assigning a manager, contributors, and member permissions for each user and channel.
*   An authorized user who creates a channel is assigned as the channel owner with managerial rights. An owner can add additional managers, contributors, and members to a channel.

How does a user join a channel?

An end user cannot join a channel. The sys-admin or channel manager must authorize the user. An authenticated user can access channels that are **Open** or **Restricted.**

Who can create a channel?

A user with a role that is defined as a channel creator can create a channel. You define the user roles that can create a channel. See Setting Permissions for Creating a MediaSpace Channel.

Who can delete a channel?

The following are authorized to delete a channel:

- From MediaSpace: The channel owner/manager
- From the KMC: A KMC admin

Setting up MediaSpace
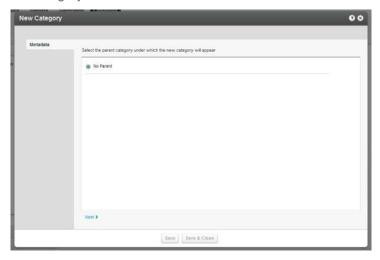
This section describes the following topics:

- Setting up MediaSpace Content in the KMC
- Uploading MediaSpace Content
- Setting up MediaSpace Galleries in the KMC
- Setting up MediaSpace Channels
- Assigning User Permissions to MediaSpace Channels
- Setting up MediaSpace to Run on HTTPS
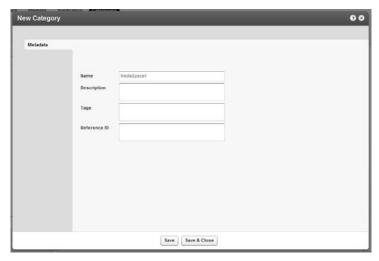
Setting up MediaSpace Content in the KMC

To set up a MediaSpace category tree in the KMC

1. In the KMC, create a MediaSpace root category.
   a. Select the Content tab and then select the Categories tab.
   b. Click Add Category.
   c. On the New Category window, select the position of the root category and save your new category.
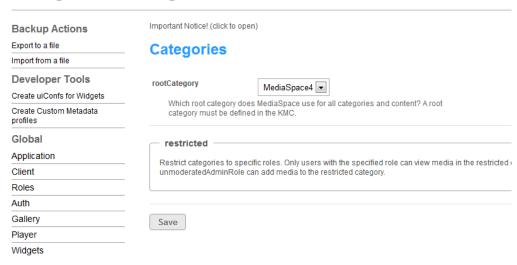
   d. In the New Category window, enter metadata for the new category and click **Save**.
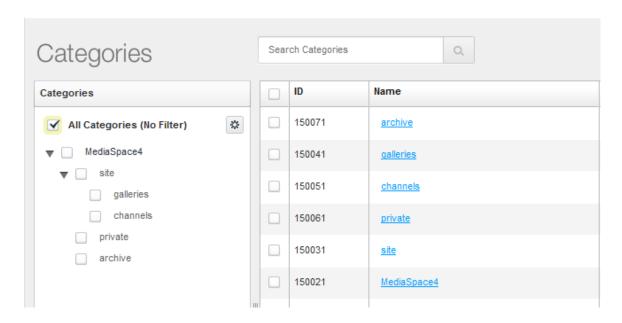
2. In MediaSpace, define the root category.
    a. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Categories tab.
    b. Under *rootCategory*, select the category that you created, and click **Save**.

3. In the KMC, verify your root category and sub-categories.
    a. Select the Content tab and then select the Categories tab.
    b. Verify that the root category is displayed with new sub-categories.
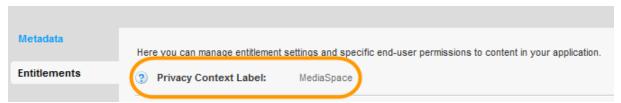
NOTE: The Archive category is reserved for future versions.
The Private category contains all content uploaded to the MediaSpace site that has not been published to galleries and channels. Do **not** change the Private category settings.

4. In the KMC, verify that the root category is assigned a Privacy Context.

A Privacy Context is defined during MediaSpace installation or using the KMC. Refer to How to add Entitlements to Categories.

a. In the KMC, select the Content tab and then select the Categories tab.
b. In the Categories table, click the root category name.
c. On the Edit Category window, select the Entitlements tab.
d. Under Privacy Context Label, confirm that a value is displayed.
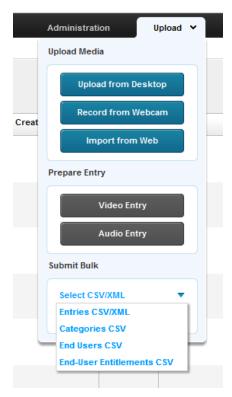
Uploading MediaSpace Content

To upload initial content for MediaSpace in the KMC

In the KMC, select the Upload tab and then do one of the following:

o Click **Upload from Desktop**.

Use this option to upload a small number of files.

o Under Submit Bulk, select **Entries CSV/XML**.

Use this option to upload a large number of files. Using this option, you also import metadata such as categories and tags.

To learn more about uploading and ingestion, refer to the Kaltura Management Console (KMC) User Manual.

Setting up MediaSpace Galleries in the KMC

After you set up a MediaSpace category tree, you can add categories to create galleries or channels.

To learn more about Creating and Managing Content Categories, see How to Create and Manage Content Categories?

☰ To add MediaSpace galleries manually in the KMC

1. In the KMC, select the Content tab and then select the Categories tab.
2. Click **Add Category**.
3. Add a category for a gallery under [MediaSpaceroot]>Site>Galleries, and save your new category.
   You can create up to seven levels of sub-categories.

☰ To create MediaSpace galleries in bulk in the KMC
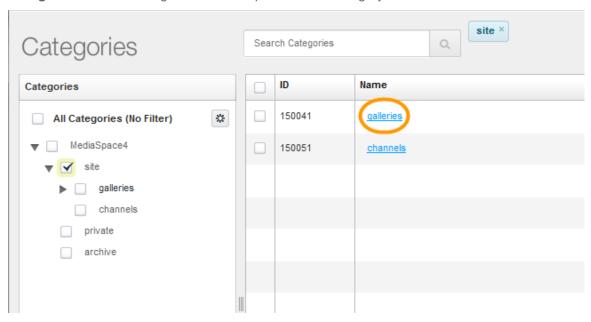
In the KMC, select the Upload tab and, under Submit Bulk, select **Categories CSV**.
Specify the path for the gallery categories under [MediaSpaceroot]>Site>Galleries.

☰ To specify the order of MediaSpace gallery categories in the KMC
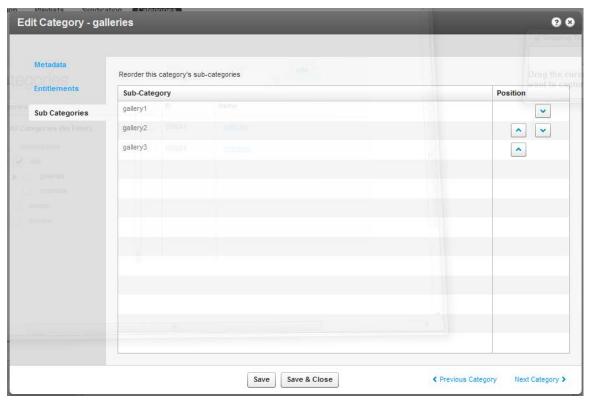
By default, categories in MediaSpace are displayed by creation date (the most recent appears last).
1. In the KMC, select the Content tab and then select the Categories tab.

2. Click **galleries** in the Categories table to open the Edit Category window.

3. On the Edit Category window, select the Sub Categories tab (displayed only when there is more than one sub-category):

4. Specify the order of the sub-categories using the Up and Down arrows, and click **Save**.
    Repeat for additional sub-category levels under *galleries*.

Assigning MediaSpace Content to Galleries
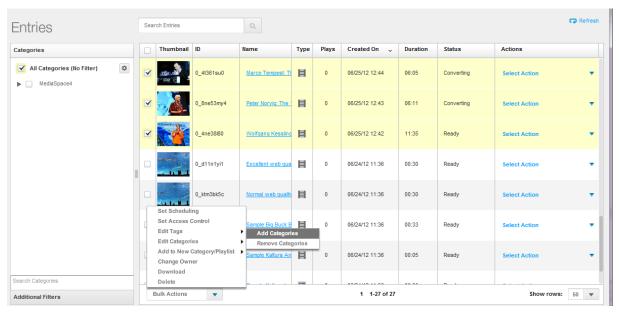
After your gallery structure is set up, you can assign content to your galleries.

You can assign entry content to categories in the KMC on the Upload tab's Submit Bulk menu using the Entries CSV/XML option. Categories that do not exist are created when you submit the file. To display these categories as MediaSpace galleries, specify the [MediaspaceRoot]>site>galleries path.
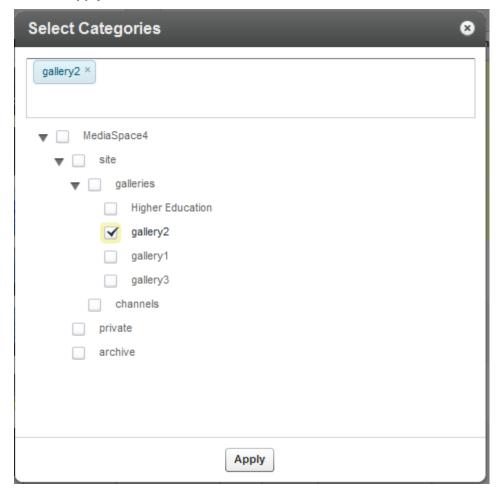
To learn more about Assigning Content to Categories, refer to How to create Categories and Assign Entries to a Category.

▤ To manually assign content to a MediaSpace gallery in the KMC
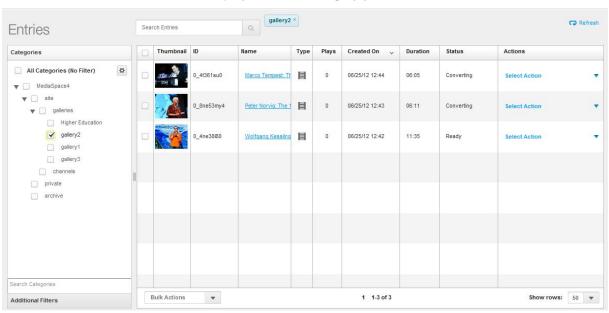
1. In the KMC, select the Content tab and then select the Entries tab.
2. In the Entries table, select one or more entries and click **Bulk Actions**.
3. Select Edit Categories and click **Add Categories**.

4. On the Select Categories window, under the *galleries* category, select one or more categories and click **Apply**:

In the Entries table, the entries are displayed for the category you used as a filter.

Also, see Assigning MediaSpace Content to Channels.

To change an entry's MediaSpace content owner in the KMC

Usually, the user who uploads content in the KMC is not the administrative content owner of

the media entry.

- Refer to How to change the category owner in the KMC or KMS.

> **NOTE:** The content owner is the user that has the manager permission level for this category and can manage the category settings from the application.

Adding Contributors to MediaSpace Galleries

By default, only an end user with the Admin application role can publish media to a gallery. To enable a user to add media to a particular gallery, you add the user as a Contributor to a particular category (under *galleries*).
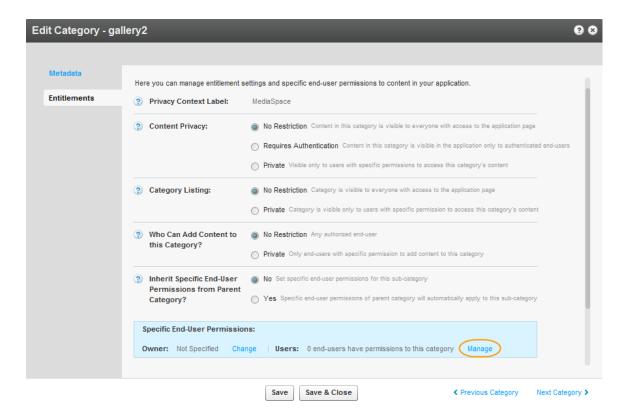
> **NOTE:** Manager and Moderator permissions are not relevant for MediaSpace galleries. Users with these permissions will have only contribution rights and will not be able to administer the gallery in the MediaSpace site.
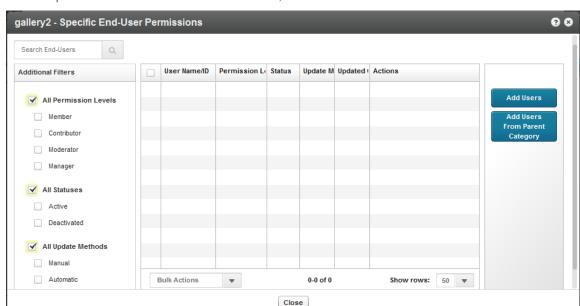
To add a user as a contributor to a MediaSpace gallery in the KMC

> **NOTE:** You can add a contributor to a MediaSpace gallery only in the KMC.
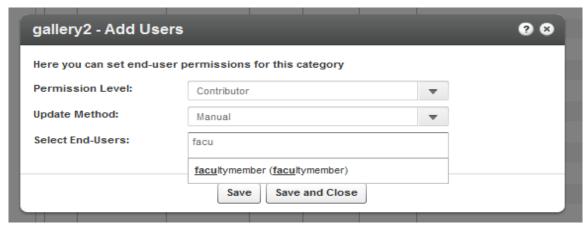
1. In the KMC, select the Content tab and then select the Categories tab.
2. In the Categories table, click the category name.
3. On the Edit Category window, select the Entitlements tab.
4. Under Specific End-User Permissions, click **Manage**.

5. On the Specific End-User Permissions window, click **Add Users.**

6. On the Add Users window, under Permission Level select **Contributor**.
7. On the Add Users window, under Select End-Users start typing a user name. A list of suggestions is displayed after you type the third character.
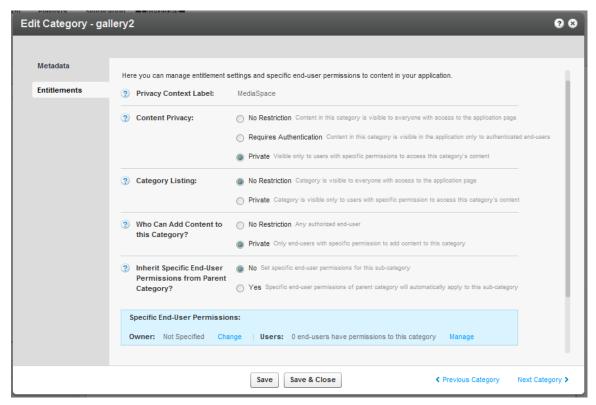
8. On the Add Users window, select a user from the suggestion list and click **Save**.
   In MediaSpace, the selected user will have the Add Media option for the specified gallery.

Restricting Access to MediaSpace Galleries in the KMC

▤ To enable a specified group of users to access a MediaSpace gallery

1. Add specific users as members to a gallery category. See Adding Contributors to MediaSpace Galleries.
2. In the KMC, select the Content tab and then select the Categories tab.
3. In the Categories table, click the category name.
4. On the Edit Category window, select the Entitlements tab.
5. Under Content Privacy, select **Private** and click **Save**.
   You can further restrict actions by applying rules for who can contribute to the gallery.

The category is displayed in MediaSpace navigation. When a user who is not in the category's Users List tries to access the category, an Access Denied message is displayed.

NOTE: This method is different from the Restricting Categories configuration for Using MediaSpace without Entitlement Features.

Setting up MediaSpace Channels

Setting up MediaSpace channels in the KMC is similar to setting up galleries (creating categories, assigning content). To learn about what's unique for channels, see Assigning User Permissions to MediaSpace Channels in the KMC.

Defining MediaSpace Channel Types in the KMC

Channel managers can define a channel type (Open, Restricted, Private) in MediaSpace. The KMC admin can also define a channel type under Content>Categories>Edit Category window>Entitlements tab. See Understanding Channel Types.

Displaying Channels in MediaSpace
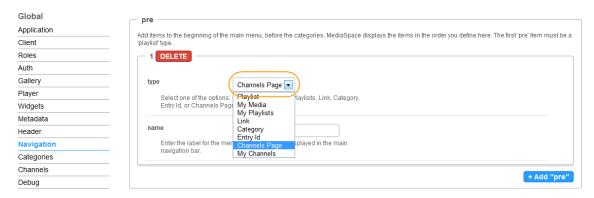
This section describes the following topics:

- Adding a Link to the Channels Page and My Channels in the Top MediaSpace Navigation
- Adding a Link to My Channels in the MediaSpace Header Menu
- Displaying Channel Topics

Adding a Link to the Channels Page and My Channels in the Top MediaSpace Navigation

📋 **To add a link to the Channels page and My Channels in the top MediaSpace navigation**

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Navigation tab.
2. Under *pre*:
   a. In the *type* menu, select **Channels Page** or **My Channels**.
   b. In the *name* field, enter the label to display.
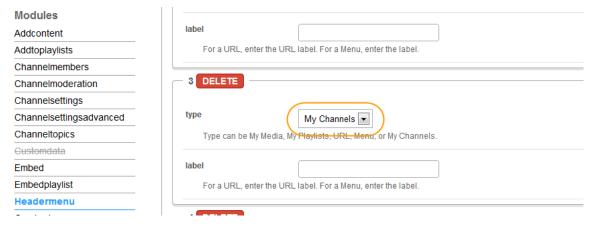
3. Click **Save** to display the link in the top MediaSpace navigation bar.

Adding a Link to My Channels in the MediaSpace Header Menu

📋 **To add a link to My Channels in the header menu**

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Headermenu tab.
2. Under *enabled*, select **Yes** to enable the Headermenu module.
3. Under *menu*:
   a. In the *type* menu, select **My Channels**.
   b. In the *label* field, enter the label to display.

4. Click **Save** to display the link in the MediaSpace header menu.
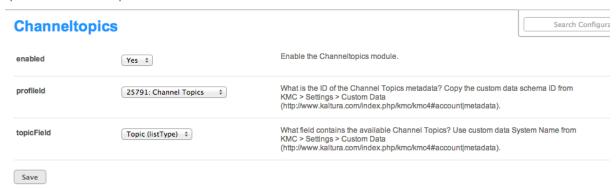
Displaying Channel Topics

When you create a channel, you can select a topic to assign to the channel. When a user clicks a topic on the Channels page, channels associated with the topic are displayed.

You use custom data to define channel topics. To learn more about custom data, refer to How to add values to custom metadata fields - per category.

▤ **To enable selecting channel topics when creating a channel**

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Channeltopics tab.
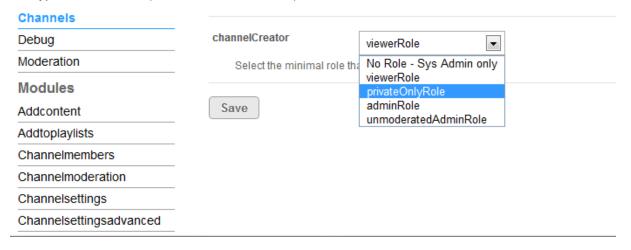
2. Under *enabled*, select **Yes** to enable the Channeltopics module.
3. Under *profileId*, select the custom data schema ID for channel topics, and click **Save**. Use the ID from KMC -> Settings -> Custom Data.
4. Under *topicField*, select the custom data field that includes the available channel topics, and click **Save**. Use the System Name from KMC -> Settings -> Custom Data.

Setting Permissions for Creating a MediaSpace Channel

See Who can create a channel?

▤ **To define a user role with permissions to create a channel**
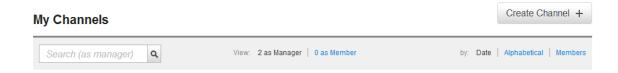
1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Channels tab.
2. Under *channelCreator*, select one of the following roles, and click **Save**.

   o **Sys Admin** – Channels can be created *only* from the KMC by the KMC admin user.

   o **Viewer** – All authenticated users

   o **privateOnly** – All users with upload permissions

   o **admin** – All users with permission to upload and publish to galleries

   o **unmoderatedAdmin** – All users with permission to upload and publish to galleries and to bypass moderation (if moderation is enabled)
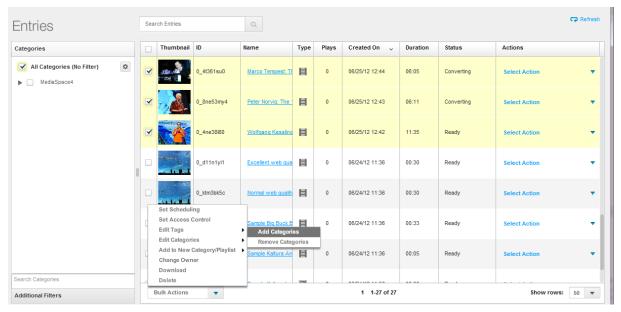
NOTE: We do not recommend enabling a Viewer to create channels since Viewers cannot add content to channels they create.

When a user has permissions to create a channel, a *Create Channel* button is displayed on Channel Listing pages.

Assigning MediaSpace Content to Channels

To manually assign content to a MediaSpace channel in the KMC

1. In the KMC, select the Content tab and then select the Entries tab.
2. In the Entries table, select one or more entries and click **Bulk Actions**.
3. Select Edit Categories and click **Add Categories**.

4. On the Select Categories window, under the *channels* category, select one or more categories and click **Apply**:

   In the Entries table, the entries are displayed when you filter for a category to which you assigned the entries.
   Also see Assigning MediaSpace Content to Galleries.

Assigning User Permissions to MediaSpace Channels

To assign user permissions in bulk, use the End-User Entitlements CSV. To learn more about assigning end-user permissions, refer to the Kaltura Management Console (KMC) User Manual.

To learn more about entitlement services and how they apply to MediaSpace permissions, refer to Introduction to the Kaltura Entitlement Infrastructure.

Assigning User Permissions to MediaSpace Channels in the

KMC

By default, a channel that you create in the KMC is restricted to authorized users. Handling permission restrictions for channels is similar to the way you handle permissions for galleries. See Adding Contributors to MediaSpace Galleries.

In addition, you perform the following important flows related to channels in the KMC:

- Assigning Managers and Moderators to a MediaSpace Channel
- Listing MediaSpace Channels

Assigning Managers and Moderators to a MediaSpace Channel

To access channel settings in MediaSpace, a user must have Manager or Moderator permissions for the channel. To learn more about channel settings, refer to the Kaltura MediaSpace User Manual.

🗒 To assign a manager/moderator to a MediaSpace channel in the KMC

1. In the KMC, select the Content tab and then select the Categories tab.
2. In the Categories table, click the channel category name.
3. On the Edit Category window, select the Entitlements tab.
4. Under Specific End-User Permissions, click **Manage**.
5. On the Specific End-User Permissions window, do one or more of the following:

    o In the user list, select one or more users and change the user permission to Manager/Moderator.

    o Click **Add Users**.

    - On the Add Users window, under Permission Level select **Manager/Moderator**.
    - On the Add Users window, under Select End-Users start typing a user name. A list of suggestions is displayed after you type the third character.
    - On the Add Users window, select a user from the suggestion list and click **Save**.

> **NOTE:** A MediaSpace end user who creates a channel can assign permissions, including adding managers and moderators.

Listing MediaSpace Channels

In MediaSpace, channels are displayed on the Channels page when there is no restriction to channel listing in the KMC under Content>Categories>Edit Category window>Entitlements tab. See Understanding Channels. To learn more about creating and moderating a channel, refer to the Kaltura MediaSpace User Manual.
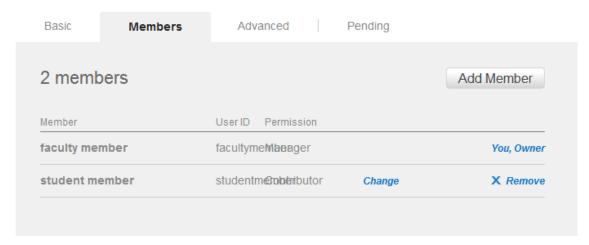
Assigning User Permissions to a Channel in MediaSpace

Channel managers and owners can add members and change user permissions in MediaSpace.

🗒 To edit channel members and permissions in MediaSpace

1. In MediaSpace, on the Channels page or your My Channels page, click a channel to open the channel page, and then click **Settings**.

First / Settings

Basic	**Members**	Advanced	Pending

2 members   Add Member

Member	User ID	Permission		
faculty member	facultymember	Manager		*You, Owner*
student member	studentmember	Contributor	*Change*	**X** *Remove*

2. On the Members tab:
   o To modify the member's permission level, next to the member's Permission column, click **Change**, select a new permission, and click **Done**.
   o To remove the member from channel membership, click **Remove**.
   o To add a member and assign a permission level to the new member, click **Add Member,** enter a user name and select a permission, and click **Add**.

To learn more about editing channel users, refer to the Kaltura MediaSpace User Manual.

Setting up MediaSpace to Run on HTTPS

You can configure MediaSpace to run on HTTPS.

To run MediaSpace on HTTPS

Do one of the following:

- Use HTTPS for login only.
  a. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
  b. Under *httpsLogin*, select **Yes** and click **Save**.

httpsLogin	Yes ▾	Enable a secure login page (via https). Your server must be configured accordingly.
	No	
	Yes	

  c. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Client tab.
  d. Under *serviceUrl*, enter an HTTP URL and click **Save**.

Client

serviceUrl	http://www.kaltura.com	The URL from which API calls will be serviced. Change this if your are running Kaltura On-prem

- Use HTTPS for your MediaSpace site.

> **NOTE:** To run MediaSpace on HTTPS, contact your Kaltura Project Manager or Account Manager for assistance. Do not attempt to run MediaSpace on HTTPS before consulting your Kaltura representative. Implement the following procedure when your Kaltura representative instructs you to do so.

a. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.

b. Under *httpsLogin*, select **No** and click **Save**.

httpsLogin	No ▾	Enable a secure login page (via https). Your server must be configured accordingly.
	No	
	Yes	

c. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Client tab.

d. Under *serviceUrl*, enter an HTTPS URL and click **Save**.

Client

serviceUrl	https://www.kaltura.com	The URL from which API calls will be serviced. Change this if your are running Kaltura On-prem

Authenticating and Authorizing Users in MediaSpace

Use the Configuration Management panel Auth tab of the Kaltura MediaSpace Administration Area to configure the authentication and authorization methods for accessing MediaSpace content. Access is based on the Application role configured for the user.

The following scenarios are supported:

- Scenario 1: Authentication and Authorization Are Managed in Organizational Systems
- Scenario 2: Authentication and Authorization Are Managed in Kaltura
- Scenario 3: Authentication Is Managed in an Organizational System, Authorization Is Managed in Kaltura

Usually, both authentication and role authorization are set through integration with the organizational identity and group management systems (scenario 1). Kaltura's authentication and/or authorization options may be useful in the cases described in scenarios 2 and 3.

> **NOTE:** User authorization to channel and content entitlements is handled separately.

Scenario 1: Authentication and Authorization Are Managed in Organizational Systems

When does this scenario apply?

You can use your organizational system as your MediaSpace identity and role authorization provider when:

- You have a large-scale MediaSpace deployment. You want all users to log into MediaSpace with their organizational credentials and to be authenticated by your centralized authentication system.
- You can provide access from the MediaSpace application to your authentication and group management systems.
- Authorization to access MediaSpace with a specific Application Role derive in most cases from user membership in organizational units or groups.

Who can access MediaSpace?

Only users who are authenticated and authorized by your systems can access MediaSpace. Users who are not authenticated by your systems are denied access to MediaSpace and are not able to log in.

What user details are stored in Kaltura?

The user's identifier, Application Role, and first and last names (optional but recommended) must be stored in Kaltura. After the user logs into MediaSpace for the first time, administrators can view and manage the user record on the User Management panel of the Kaltura MediaSpace Administration Area. The user's organizational password is not saved in Kaltura.

Can you manually set different user details in Kaltura?

Yes, you can manually set different user details in Kaltura. After the user logs into MediaSpace for the first time, administrators can manage the user record on the User Management panel of the Kaltura MediaSpace Administration Area. An administrator can override the user details (first and last name) and the user MediaSpace Application Role. This option is useful mainly for granting a higher- or lower-level Application Role to certain users. For example, you can set a **Viewer** Application Role to a large group of people within your organization and then manually assign the higher level MediaSpace Admin role to a few of them.

📋 To enable overriding settings manually

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
2. Set the following values and click **Save**.
   a. Under refreshDetailsOnLogin, select **No**.

   This option is displayed only when using an external authentication provider.

   b. Under *refreshRoleOnLogin*, select **No**.

   This option is displayed only when using an external role authorization provider.

refreshDetailsOnLogin	No ▼	Should user details on Kaltura be updated through an external authentication provider?
refreshRoleOnLogin	No ▼	Should the user role on Kaltura be updated through an external authorization provider? Select 'No' to allow overriding a role through Kaltura user management.

Scenario 2: Authentication and Authorization are Managed by Kaltura

When does this scenario apply?

You can use Kaltura as your MediaSpace identity and role authorization provider when:
- You want to launch a MediaSpace pilot in your organization without IT integration.
- You want to quickly go live with your organizational video portal before performing IT integration with your organizational authentication and group management systems.
- Only a few users in your organization need to work with MediaSpace, and there is no requirement or need for managing user authentication and credential validation in your organizational systems.
- You do not have a centralized authentication system or you are not able to provide access to your authentication system from the MediaSpace application.

Who can access MediaSpace?

Only users with a MediaSpace user account pre-provisioned in Kaltura can access MediaSpace. (The user account must include a MediaSpace Role and a MediaSpace password.) If you want to revoke MediaSpace access from a specific user, it is your responsibility to delete the user account in one of the following ways:
- On the User Management panel of the Kaltura MediaSpace Administration area, select one or more users, and click **Delete** or **Delete Checked**.
- Submit a Kaltura end-users CSV to delete MediaSpace user accounts in bulk. To learn more, see the submit a Kaltura end-users CSV procedure step.
- Use the Kaltura API to:
  o Delete the user record.
  o Remove the user's MediaSpace Role stored in a custom data profile.

How do you switch from Kaltura-managed authentication and authorization to managing

MediaSpace authentication and authorization in your system?

Following the completion of your pilot, or when the IT integration with your user authentication and group management systems is completed, on the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab and change the selected authentication/authorization method. In the Kaltura MediaSpace Administration Area, you may override the Kaltura-managed Application Roles from your system on the Configuration Management panel or by manually deleting existing MediaSpace user accounts on the User Management panel.

To override Kaltura-managed Application Roles on the Configuration Management panel

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
2. Set the following values and click **Save**.
   a. Under refreshDetailsOnLogin, select **Yes**.

   This option is displayed only when using an external authentication provider.

   b. Under *refreshRoleOnLogin*, select **Yes**.

   This option is displayed only when using an external role authorization provider.

Scenario 3: Authentication is Managed in an Organizational System, Authorization is Managed by Kaltura

When does this scenario apply?

You can use Kaltura as your MediaSpace access and role authorization provider when:

- You have a small- to large-scale MediaSpace deployment. You want all users to log into MediaSpace with their organizational credentials and to be authenticated by your centralized authentication system.
- Authorization for users to access MediaSpace and MediaSpace Application Roles is independent of their membership in organizational units or groups. For example, users who will be granted MediaSpace access do not belong to a specific organizational unit or group.
- You are not able to provide access to your group management system from the MediaSpace application for setting group-based role authorization. You want to set users' application roles before their first login to MediaSpace.

Who can access MediaSpace?

Only users who are authenticated by your systems *and* have MediaSpace user accounts pre-provisioned in Kaltura (the user account includes MediaSpace Application Roles) can access MediaSpace. Users who are not authenticated by your systems are denied access to MediaSpace, even if they are have a user account and a MediaSpace Application Role in Kaltura. These unauthenticated users will not be able to log in.
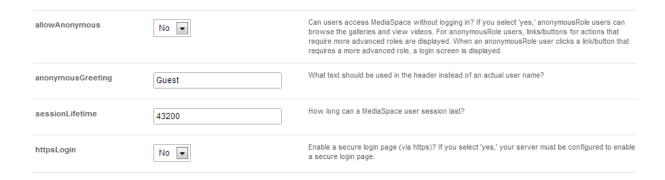
Enabling Common Login Configurations

On the Configuration Management panel Auth tab of the Kaltura MediaSpace Administration Area, the following MediaSpace login options are available for all authentication and authorization methods.

| **demoMode** | No ▼ | Enable the demo login mode? After entering any user or password combination, the user has an admin role. |

allowAnonymous	No ▾	Can users access MediaSpace without logging in? If you select 'yes,' anonymousRole users can browse the galleries and view videos. For anonymousRole users, links/buttons for actions that require more advanced roles are displayed. When an anonymousRole user clicks a link/button that requires a more advanced role, a login screen is displayed.
anonymousGreeting	Guest	What text should be used in the header instead of an actual user name?
sessionLifetime	43200	How long can a MediaSpace user session last?
httpsLogin	No ▾	Enable a secure login page (via https)? If you select 'yes,' your server must be configured to enable a secure login page.

Enabling Authentication Methods

On the Configuration Management panel Auth tab of the Kaltura MediaSpace Administration Area, the following authentication methods are supported as part of the MediaSpace standard installation. When you select an authentication adapter, a set of relevant configuration fields is displayed to fill in.

| authNAdapter | Header AuthN ▾ | What is the name of the PHP class for handling authentication? KalturaAuth enables the built-in User Management system (located at /admin/users). LdapAuth lets you use your organizational LDAP/AD server to authenticate users. To use your own custom class, click 'Add custom value' and enter the custom class name. |

Header AuthN
Kms_Auth_AuthN_Kaltura
LDAP AuthN
SSO Gateway AuthN

Add custom value

- **LDAP Authentication** – User authentication and credentials validation through direct access to the organizational LDAP or Active Directory server.
- **SSO Gateway Authentication** – A Kaltura generic gateway for integrating with a customer- specific login and authentication implementation, while providing the user with a Single Sign-On experience.
- **Header Authentication** – User is authenticated through a request in the organizational authentication system. The response includes the authenticated user ID in a specific HTTP header.
- **Kaltura Authentication** – User authentication and credentials managed by Kaltura.
- **Custom Authentication Methods** – For any other type of authentication method, custom adapters can be developed and added to the MediaSpace installation.

Enabling Authorization Methods

On the Configuration Management panel Auth tab of the Kaltura MediaSpace Administration Area, the following authorization methods are supported as part of the MediaSpace standard installation. When you select an authorization method, a set of relevant configuration fields is displayed to fill in.

| authZAdapter | Kms_Auth_AuthZ_Kalt ▾ | What is the name of the PHP class for handling authorization? Authorization determines the user's role. KalturaAuth enables the built-in User Management system (located at /admin/users). LdapAuth lets you use your organizational LDAP/AD server to determine roles. To use your own custom class, click 'Add custom value' and enter the custom class name. |

Kms_Auth_AuthZ_Kaltura
LDAP AuthZ
SSO Gateway AuthZ

Add custom value

- **LDAP Authorization** – The user's application role in MediaSpace is determined based on organizational groups in which the user is a member, which are managed in the organization's LDAP server. This authorization method usually is used together with the LDAP authentication method. The method also can be selected when using other authentication methods (SSO Gateway authentication, Kaltura authentication, and Header authentication).
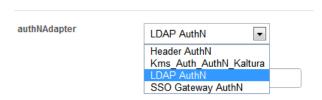
- **SSO Gateway Authorization** - The user's application role in MediaSpace is set and passed to MediaSpace as part of the customer-specific login and authentication implementation, which is set through the Kaltura SSO gateway interface. Always use this option with SSO Gateway authentication. This option cannot be used with any authentication method besides SSO Gateway authentication.
- **Kaltura Authorization** – Manage user authorization to access MediaSpace and user MediaSpace application roles in Kaltura. This authorization option can be used with any other authentication method (SSO Gateway authentication, Kaltura authentication, and Header authentication).
- **Custom Authorization Methods** – For any other type of access and role authorization method, custom adapters can be developed and added to the MediaSpace installation.

Configuring LDAP Authentication and Authorization

To learn more about integrating your LDAP server for authenticating users and authorizing user access to MediaSpace with a specific application role, refer to Kaltura MediaSpace Introduction to Authentication and Authorization Solutions and Kaltura MediaSpace LDAP Integration Guide.

▤ To configure user authentication through your LDAP server

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
2. Under *authNAdapter*, select **LDAP AuthN**.
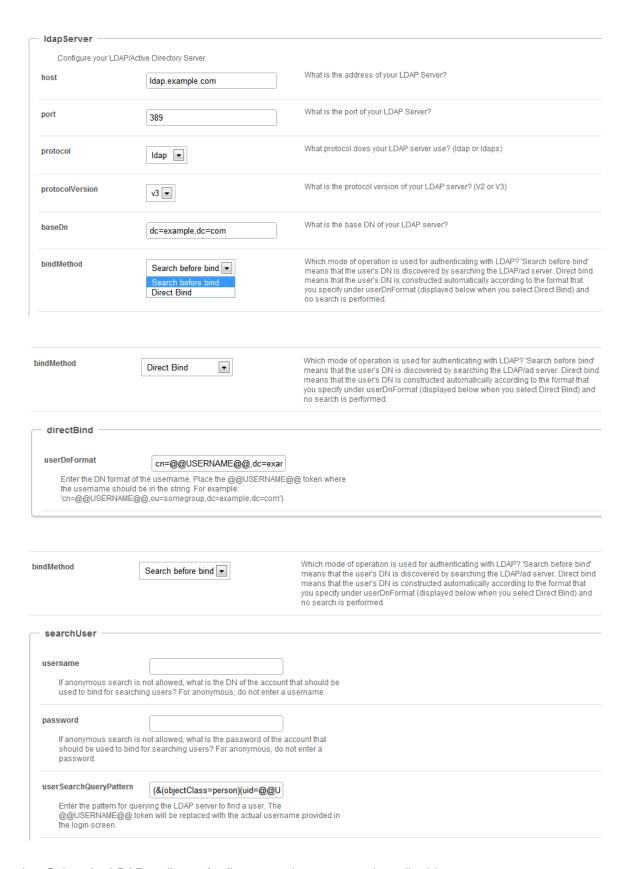
authNAdapter	LDAP AuthN ▾
	Header AuthN
	Kms_Auth_AuthN_Kaltura
	LDAP AuthN
	SSO Gateway AuthN

3. Select your preferences for the common login options.
4. Under *refreshDetailsOnLogin*, select your preference.

   This option affects the updating of the user's first name, last name, and email address (when provided) from your LDAP system upon every login.

refreshDetailsOnLogin	Yes ▾	Should user details on Kaltura be updated through an external authentication provider?
	No	
	Yes	

5. Under *ldapServer*:

   a. Select the LDAP Server access and bind settings.

   Your **bindMethod** selection will affect the information you need to provide for authenticating the user.

---

b. Select the LDAP attributes for first name, last name and email address.

Populating the user's first and last name is used for several MediaSpace options that require the user name.
The email address is optional. This field is useful for user management and for future features (such as email notifications).
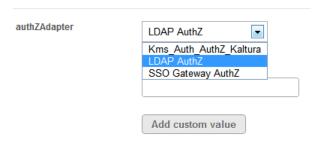
emailAttribute		What is the name of the attribute on the user record that contains the user ID? If you do not want to sync email with Kaltura, do not enter an emailAttribute.
firstNameAttribute		What is the name of the attribute on the user record that contains the user's first name? If you do not want to sync the first name with Kaltura, do not enter a firstNameAttribute.
lastNameAttribute		What is the name of the attribute on the user record that contains the user's last name? If you do not want to sync the last name with Kaltura, do not enter a lastNameAttribute.

6. If you are using your LDAP server to authorize user access to MediaSpace with a specific application role, continue with the next procedure. If not, select a different authorization method.

7. After you complete and verify the steps, click **Save**.

▤ To configure user authorization through your LDAP server

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.

2. Under *authZAdapter*, select **LDAP AuthZ**.

authZAdapter
```
LDAP AuthZ        ▼
Kms_Auth_AuthZ_Kaltura
LDAP AuthZ
SSO Gateway AuthZ
```
[Add custom value]

3. Under *refreshRoleOnLogin*, select your preference.
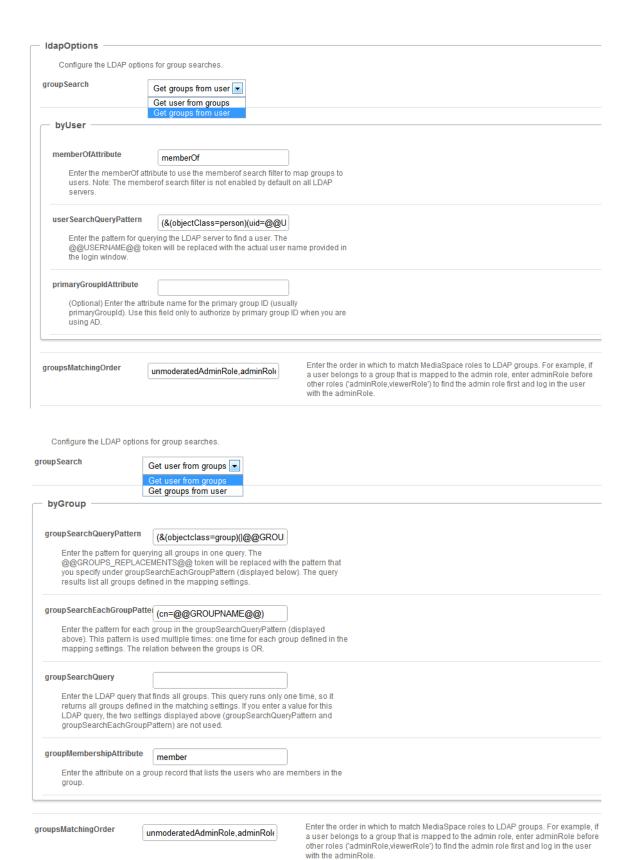
This option affects the updating of the user's role from your LDAP system upon every login.

refreshRoleOnLogin   Yes ▼   Should the user role on Kaltura be updated through an external authorization provider? Select 'No' to allow overriding a role through Kaltura user management.
No
Yes
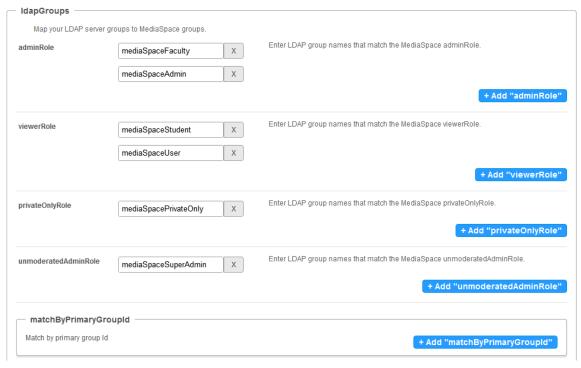
4. Under *ldapOptions*, select your preferences for getting the list of groups in which the user is a member.

This option is used to determine the user's MediaSpace Application Role.
Under *groupsMatchingOrder*, enter the order for matching MediaSpace roles to LDAP groups.
The order determines whether the strongest or weakest role is mapped first.
Your **groupSearch** selection will affect the information you need to provide.

ldapOptions

Configure the LDAP options for group searches.

groupSearch   Get groups from user ▼
Get user from groups
Get groups from user

byUser

memberOfAttribute   memberOf

Enter the memberOf attribute to use the memberof search filter to map groups to users. Note: The memberof search filter is not enabled by default on all LDAP servers.

userSearchQueryPattern   (&(objectClass=person)(uid=@@U

Enter the pattern for querying the LDAP server to find a user. The @@USERNAME@@ token will be replaced with the actual user name provided in the login window.

primaryGroupIdAttribute

(Optional) Enter the attribute name for the primary group ID (usually primaryGroupId). Use this field only to authorize by primary group ID when you are using AD.

groupsMatchingOrder   unmoderatedAdminRole,adminRole

Enter the order in which to match MediaSpace roles to LDAP groups. For example, if a user belongs to a group that is mapped to the admin role, enter adminRole before other roles ('adminRole,viewerRole') to find the admin role first and log in the user with the adminRole.

Configure the LDAP options for group searches.

groupSearch   Get user from groups ▼
Get user from groups
Get groups from user

byGroup

groupSearchQueryPattern   (&(objectclass=group)(|@@GROU

Enter the pattern for querying all groups in one query. The @@GROUPS_REPLACEMENTS@@ token will be replaced with the pattern that you specify under groupSearchEachGroupPattern (displayed below). The query results list all groups defined in the mapping settings.

groupSearchEachGroupPatte   (cn=@@GROUPNAME@@)

Enter the pattern for each group in the groupSearchQueryPattern (displayed above). This pattern is used multiple times: one time for each group defined in the mapping settings. The relation between the groups is OR.

groupSearchQuery

Enter the LDAP query that finds all groups. This query runs only one time, so it returns all groups defined in the matching settings. If you enter a value for this LDAP query, the two settings displayed above (groupSearchQueryPattern and groupSearchEachGroupPattern) are not used.

groupMembershipAttribute   member

Enter the attribute on a group record that lists the users who are members in the group.

groupsMatchingOrder   unmoderatedAdminRole,adminRole

Enter the order in which to match MediaSpace roles to LDAP groups. For example, if a user belongs to a group that is mapped to the admin role, enter adminRole before other roles ('adminRole,viewerRole') to find the admin role first and log in the user with the adminRole.

5. Under *ldapGroups*, select your preferences to define the mappings between the groups defined in your LDAP server and the MediaSpace Application Roles.

6. After you complete and verify the steps, click **Save**.

Configuring SSO Gateway Authentication and Authorization

To learn more about integrating MediaSpace with your authentication systems using the MediaSpace SSO Gateway, refer to Kaltura MediaSpace Introduction to Authentication and Authorization Solutions and Kaltura MediaSpace SSO Integration Guide.

📋 **To configure user authentication using the MediaSpace SSO gateway**

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.

2. Under *authNAdapter*, select **SSO Gateway AuthN**.

3. Select your preferences for the common login options.

4. Under *refreshDetailsOnLogin*, select your preference.

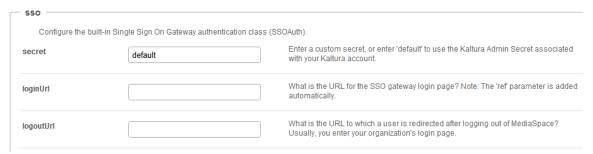   This option affects the updating of the user's first name, last name and email address (when provided) from your authentication system upon every login.
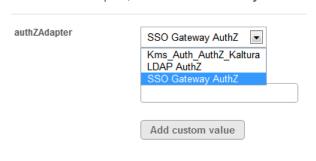
5. Under *sso*, select your preferences for integrating the MediaSpace SSO Gateway with your login implementation:

    o **secret** – **Enter** the secret string shared with the login page. The *default* value uses your Kaltura Admin Secret (accessible from KMC -> Settings -> Integration Settings).

    o **loginUrl** – Enter the absolute URL where you host the login page.

    o **logoutUrl** – Enter the URL to which MediaSpace redirects a user after invalidating the local MediaSpace session (for example, when a user clicks **logout**).

        -   On your site you may use this page to invalidate other authenticated sessions, if needed (for example, CAS login).
        -   A *sessionKey* URL parameter is automatically appended to the logout URL. This parameter securely encapsulates the user information, enabling you to know which user logged out. The *sessionKey* parameter is constructed using the secret shared with the login page.

6. After you complete and verify the steps, click **Save**.

7. If you are using the MediaSpace SSO Gateway to authorize user access to MediaSpace with a specific application role, continue with the next procedure.

To configure user authorization using the MediaSpace SSO gateway

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.

2. Under *authZAdapter*, select **SSO Gateway AuthZ**.

3. Under *refreshRoleOnLogin*, select your preference.
    This option affects the updating of the user's role upon every login.
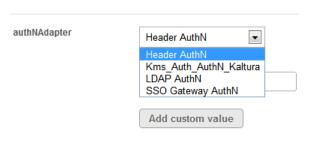
4. After you complete and verify the steps, click **Save**.

Configuring Header Authentication

To configure header authentication through the MediaSpace SSO gateway

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.

2. Under *authNAdapter*, select **Header AuthN**.

3. Select your preferences for the common login options.

4. Under *refreshDetailsOnLogin*, select your preference.

   This option affects the updating of the user's first name, last name, and email address (when provided) from your authentication system upon every login.


5. Under *headerAuth*, enter values for:

   o **headerName** – the ID of the authenticated user

   o **logoutUrl**

6. After you complete and verify the steps, click **Save**.

Configuring Kaltura Authentication and Authorization for MediaSpace
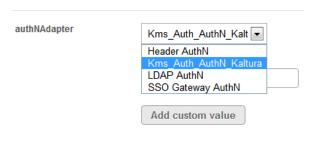
Authenticating or authorizing MediaSpace users in Kaltura requires creating MediaSpace user accounts that include a MediaSpace Application Role. Only users with a MediaSpace user account and MediaSpace Application Role are able to log into MediaSpace.

Authenticating MediaSpace users in Kaltura also requires setting a password for each MediaSpace user. Follow the procedure to create MediaSpace user accounts that include a MediaSpace Application Role.

To configure Kaltura authentication

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
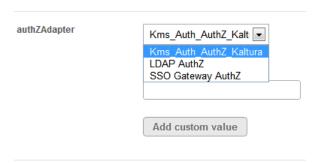
2. Under *authNAdapter*, select **Kms_Auth AuthN**.

3. Select your preferences for the common login options.
4. After you complete and verify the steps, click **Save**.

▤ To configure Kaltura authorization

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, open the Auth tab.
2. Under *authZAdapter*, select **Kms_Auth AuthZ** and click **Save**.
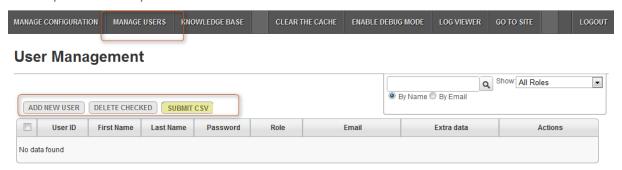
▤ To create MediaSpace user accounts that include a MediaSpace Application Role
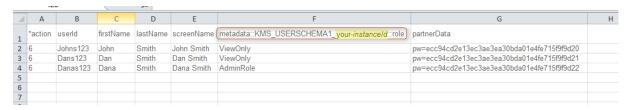
Do one of the following:

- On the User Management panel of the Kaltura MediaSpace Administration Area, you can create and manage MediaSpace user accounts.
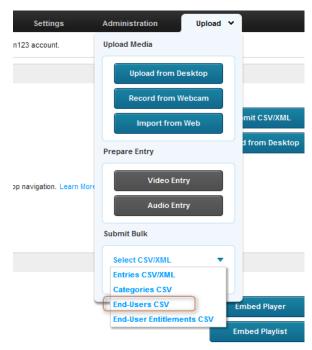
  Use the list to manually manage all users in the partner account that have a MediaSpace role for the specific MediaSpace instance.

- Submit a Kaltura end-users CSV to create MediaSpace user accounts in bulk. Use the following format:

o To learn more about the end-user CSV schema, refer to End-Users CSV – Usage and Schema Description.

o The userId field must include a minimum of three characters.

o The MediaSpace password must include a minimum of six characters.

o The MediaSpace Application Role is managed within the MediaSpace user metadata schema. Adjust the schema name in the example to include your MediaSpace **instanceId**. (You can copy the MediaSpace **instanceId** from the Configuration Management panel Application tab of the Kaltura MediaSpace Administration Area.)

o Set the role names in the CSV according to the role labels you set in the Configuration Management panel Roles tab of the Kaltura MediaSpace Administration Area.

o When using Kaltura to authenticate users, you may populate a sha1 hashed password in the CSV as part of the partnerData field, as in the example. MediaSpace administrators are responsible for managing password hashing and distribution to users. The un-hashed password must include a minimum of six characters.

o When using Kaltura only for authorizing user access to MediaSpace with a specific application role, do not populate the password in the CSV. (You can remove the partnerData column in the example from the CSV since it is not required.)

o You can submit the end-users CSV in the following ways:

- On the User Management panel of the Kaltura MediaSpace Administration Area, click **Submit CSV**.
- In the KMC, select the Upload tab and then under Submit Bulk, select **End-Users CSV**.

To automate the update of the authorized MediaSpace users list

When you manage MediaSpace authorization in Kaltura, you can develop automated processes for updating the list of MediaSpace users based on changes in your organizational information system.

- You can develop a scheduled update process to periodically add or delete multiple users to the MediaSpace users list using the Kaltura end-users CSV. In your script, you can call the user.addfrombulkupload Kaltura API action to submit the CSV.

- Using Kaltura API actions, you can develop a trigger-based process to update the MediaSpace users list in real time when changes occur in your organizational information

system. You can call the user.add, user.delete and user.update Kaltura API actions to add, delete, and update specific user records. You can call the metadata.add, metadata.delete, and metadata.update Kaltura API actions to add, delete, and update the user's MediaSpace role.

NOTE: Deleted users are also removed from all channels in which they are members. Content ownership and analytics information of the deleted user are not deleted.

NOTE: Since user records are shared by all Kaltura applications running on the same account, we recommend that you delete records only of users who left the organization. In other cases, we recommend revoking the user's access to MediaSpace by using the Kaltura API to remove only the user's MediaSpace role or by using the User Management panel of the Kaltura MediaSpace Administration Area to delete the user.

Using MediaSpace without Entitlement Features

You can use MediaSpace without using entitlement features. In the KMC, verify that your MediaSpace category tree does not have Privacy Context. To verify that entitlement is not enabled, confirm that in the KMC under Content>Categories, the Entitlements tab of your root category's Edit Category window is not displayed.

Restricting Categories

If you do not want to create channels and restrict users using entitlement features, you can restrict categories to specific roles in the MediaSpace Configuration Panel's Categories tab. Only users with the specified role can view media in the restricted category. Only users with adminRole or unmoderatedAdminRole can add media to the restricted category.

For example, *Category1=PrivateUploads|PublicUploads, Category2=PublicUploads*.

NOTE: Use the category name that is displayed in MediaSpace, omitting the number prefix used for setting the category order in the KMC. For example, use *Sneak Peek*, not *4_Sneak Peak*.

To display only unrestricted categories to MediaSpace users who do not log in, use restricted categories together with the "Allow anonymous=true" option.

NOTE: Known issue: If your site contains a Related playlist that is displayed next to the media player, the Related playlist includes restricted content.

Setting Email Notifications and Channel Subscriptions

Email Notifications

NOTE: The Email Notificaitons and Channel Subsctiptions features are available for Kaltura MediaSpace 4.6 and upward. The "Event Notifications" partner feature must be enabled for the email notifications and channel subscriptions feature to work . If your partner does not have these features enabled, contact your account manager or project manager for additional information.

The following table describes the different events that can be configured through the Emailnotificatons module:
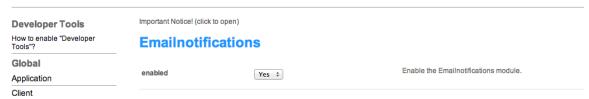
Event Name	Category	When is it Triggered?	Who will receive the notification?
New Item Pending Moderation	MediaSpace Moderation	When a new media is added to a moderated channel	Channel moderators
Entry Approved In Category	MediaSpace Moderation	When the media is approved to appear in the channel	Media owner
Entry Rejected In Category	MediaSpace Moderation	When a submitted media is rejected	Media owner
Entry Rejected	KMC Moderation	When the uploaded media was rejected by the KMC administrator	Media owner
Entry Approved	KMC Moderation	When a media is approved to be used in the partner account	Media owner
Entry Ready	Media Encoding	When the encoding of the media is complete	Media owner
User was added to category as [role]	Members Management	When the user is added to a channel	User
User's role was changed in category	Members Management	When the role of the user in a channel is changed	User
User was removed from category	Members Management	When the user is removed from a channel	User
Entry was added to	Channel Subscription	When a new media is published to a channel	Users subscribed to the channel

Event Name	Category	When is it Triggered?	Who will receive the notification?
channel			
Comment was added to entry	Comments	When a new comment is added to a media	Media owner

To configure email notifications:

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, enable the **Emailnotifications** module by selecting "Yes" for enabled .
2. Click **Save**.

Configuration Management

Developer Tools
How to enable "Developer Tools"?

Global
Application
Client

Important Notice! (click to open)

Emailnotifications

enabled   Yes ‡   Enable the Emailnotifications module.
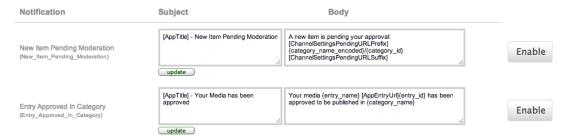
3. Click on the dedicated page link to access the notifications configuration,

supportedNotifications

The supported list of notifications. Enable / disable each notification on a dedicated page

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4. Use the dedicated page to enable / disable individual notifications and modify the templates of the emails that are sent for each notification.

Notification	Subject	Body	
New Item Pending Moderation (New_Item_Pending_Moderation)	[AppTitle] - New Item Pending Moderation	A new item is pending your approval: [ChannelSettingsPendingURLPrefix] {category_name_encoded}/{category_id} [ChannelSettingsPendingURLSuffix]	Enable
Entry Approved In Category (Entry_Approved_In_Category)	[AppTitle] - Your Media has been approved	Your media {entry_name} [AppEntryUrl]{entry_id} has been approved to be published in {category_name}	Enable

Channel Subscriptions

The **Channelsubscription** module allows you to configure subscriptions to channels. Users can subscribe to individual channels and get an email notification each time media is published to the subscribed channel.
The channel manager is able to define whether members can subscribe to the channel.

To enable the channel subscription option

1. On the Configuration Management panel of the Kaltura MediaSpace Administration Area, go to the **Channelsubscription** module.
2. Select **Yes** for enabled and click **Save**.

Channelsubscription

enabled   No ‡   Enable the Channelsubscription module.

3. The channel manager can offer the subscription feature when creating or editing the channel

settings by selecting the "Enable subscription to channel".

4. If Enable Subscription to channel is checked, users can subscribe to the channel from the channel page (Be certain that the *entry was added to channel event* is enabled.)

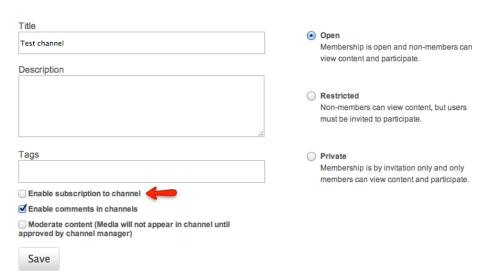# MediaSpace Administration: Actions and Configurable Fields

This reference section for the Kaltura MediaSpace Administration Area lists:

- The available actions in the User Management panel
- The configurable fields in the Configuration Management panel, which includes Global and Modules sections

User Management

Action	Description
Add New User	Add a new MediaSpace user. Define the following fields: • User ID • First Name • Last Name • Password • Role • (Optional) Email • (Optional) Extra Data (Additional data about the user)
Delete Checked	Delete all selected users. **Note:** Exercise caution when you perform this action.
Submit CSV	Import a CSV file to add multiple new users.
Edit User	Edit the user fields defined when you added the selected user.
Delete	Delete the selected user.

Configuration Management: Global

NOTES:

1. Some fields are displayed only when you select a specific value for a different field.
2. Field group names are in bold. The group's configurable fields follow the group name.

Application

Field	Description
instanceId	Unique string to identify that installation of mediaspace. This value can

Field	Description
	be set during installation only.
privacyContext	String used to be set as privacy context on root category. This value can be set during installation only.
userRoleProfile	Metadata Profile ID for user's role per KMS installation instance
title	What is your MediaSpace website title? The website title is displayed in the browser's title bar and usually is displayed in search engine results. Page titles consist of the name of the currently loaded media and the website title. For example, if a page has a video called 'My Video' and 'MediaSpace' is the website title, the page title is: 'My Video – MediaSpace
theme	What is the name of your custom MediaSpace theme?
language	Which language should MediaSpace use? Note: Language files are in /locale/kms/{LANG}/default.po.
enablePresentations	Enable users to create and display video-presentations?
enableLike	Enable the 'Like' feature for entries.

Client

Field	Description
serviceUrl	The URL of the service for API calls. Modify the URL if you use the Kaltura On-Prem Edition.
partnerId	Copy your Kaltura account's Partner ID from the Kaltura Management Console (KMC): KMC->Settings->Integration Settings
secret	Copy your Kaltura account's user secret from KMC->Settings->Integration Settings (http://www.kaltura.com/index.php/kmc/kmc4#account|integration). Kaltura MediaSpace uses your user secret to create secure sessions to access the Kaltura API.
adminSecret	Copy your Kaltura account's administrator secret from KMC->Settings->Integration Settings (http://www.kaltura.com/index.php/kmc/kmc4#account|integration). Kaltura MediaSpace uses your administrator secret when you need an 'admin' session, which allows more actions than a user secret session.
verifySSL	Set to No, if you wish to use SSL with a self-signed certificate

Roles

Field	Description
anonymousRole	What is the name for the Anonymous User role? A user with anonymousRole can browse your site anonymously until trying to access pages/actions that require login: My Media, My Playlists, and Add New.
viewerRole	What is the name for the Viewer role? A user with viewerRole can browse public galleries, is not authorized to upload new content, and does not have a My Media page.
privateOnlyRole	What is the name for the Private uploads role? A user with privateOnlyRole can upload content to My Media, cannot publish to galleries, and can add media.

Field	Description
adminRole	What is the name for the Admin role? A user with adminRole can upload content to all galleries and can upload content.
unmoderatedAdminRole	What is the name for the Unmoderated Admin role? A user with unmoderatedAdminRole can upload content and bypass moderation (when moderation is enabled for an account).

Auth

Field	Description
demoMode	Enable the demo login mode? After entering any user or password combination, the user has an admin role.
authNAdapter	What is the name of the PHP class for handling authentication? KalturaAuth enables the built-in User Management system (located at /admin/users). LdapAuth lets you use your organizational LDAP/AD server to authenticate users. To use your own custom class, click 'Add custom value' and enter the custom class name.
authZAdapter	What is the name of the PHP class for handling authorization? Authorization determines the user's role. KalturaAuth enables the built-in User Management system (located at /admin/users). LdapAuth lets you use your organizational LDAP/AD server to determine roles. To use your own custom class, click 'Add custom value' and enter the custom class name.
allowAnonymous	Can users access MediaSpace without logging in? If you select 'yes,' anonymousRole users can browse the galleries and view videos. For anonymousRole users, links/buttons for actions that require more advanced roles are displayed. When an anonymousRole user clicks a link/button that requires a more advanced role, a login screen is displayed.
anonymousGreeting	What text should be used in the header instead of an actual user name?
sessionLifetime	How long (in seconds) can a MediaSpace user session last? (The default is 43200 seconds, which equals 12 hours.)
httpsLogin	Enable a secure login page (via https)? If you select 'yes,' your server must be configured to enable a secure login page.
refreshDetailsOnLogin	Should user details on Kaltura be updated through an external authentication provider?
refreshRoleOnLogin	Should the user role on Kaltura be updated through an external authorization provider? Select 'No' to allow overriding a role through Kaltura user management.
forgotPassword	Define the values for the 'Forgot Password' options.
link	The 'link' options are: [1] Enter 'false' if you do not want a 'Forgot Password' link to be displayed. [2] Enter an email address preceded by 'mailto:' (without quotes). The user's local email client opens an email with the subject and body populated with the texts defined in the 'emailSubject' and 'emailBody' fields. [3] Enter a URL for a page that you define (for example, a mechanism for reminding users of their login credentials). Note: Do not enter 'true.'
emailSubject	If you enter an email address in the 'link' field, enter the text to populate the subject field of the email. If you do not want to populate the subject field, enter an empty string (' ').

Field	Description
emailBody	If you enter an email address in the 'link' field, enter the text to populate the body of the email. If you do not want to populate the body, enter an empty string (' '). For KalturaAuth's User Management send new password feature: (If authClass is set to KalturaAuth, MediaSpace exposes a user management system. This system's admin can click on a user's email to open the admin's local email client to email the new password to the user.)
reminderSubject	Enter the text to populate the subject field of the 'new password' email. If you do not want to populate the subject field, enter an empty string (' ').
reminderBody	Enter the text to populate the body of the 'new password' email. The password will be inserted automatically at the end of the body text. If you do not want to populate the body, enter an empty string (' ').
ldapServer	Configure your LDAP/Active Directory Server.
host	What is the address of your LDAP Server?
port	What is the port of your LDAP Server?
protocol	What protocol does your LDAP server use? (ldap or ldaps)
protocolVersion	What is the protocol version of your LDAP server? (V2 or V3)
baseDn	What is the base DN of your LDAP server?
bindMethod	Which mode of operation is used for authenticating with LDAP? 'Search before bind' means that the user's DN is discovered by searching the LDAP/ad server. Direct bind means that the user's DN is constructed automatically according to the format that you specify under userDnFormat (displayed below when you select Direct Bind) and no search is performed.
emailAttribute	What is the name of the attribute on the user record that contains the user ID? If you do not want to sync email with Kaltura, do not enter an emailAttribute.
firstNameAttribute	What is the name of the attribute on the user record that contains the user's first name? If you do not want to sync the first name with Kaltura, do not enter a firstNameAttribute.
lastNameAttribute	What is the name of the attribute on the user record that contains the user's last name? If you do not want to sync the last name with Kaltura, do not enter a lastNameAttribute.
searchUser	
username	If anonymous search is not allowed, what is the DN of the account that should be used to bind for searching users? For anonymous, do not enter a username.
password	If anonymous search is not allowed, what is the password of the account that should be used to bind for searching users? For anonymous, do not enter a password.
userSearchQueryPattern	Enter the pattern for querying the LDAP server to find a user. The @@USERNAME@@ token will be replaced with the actual username provided in the login screen.
directBind	
userDnFormat	Enter the DN format of the username. Place the @@USERNAME@@ token where the username should be in the string. For example: 'cn=@@USERNAME@@,ou=somegroup,dc=example,dc=com')

Field	Description
ldapOptions	Configure the LDAP options for group searches.
groupsMatchingOrder	Enter the order in which to match MediaSpace roles to LDAP groups. For example, if a user belongs to a group that is mapped to the admin role, enter adminRole before other roles ('adminRole,viewerRole') to find the admin role first and log in the user with the adminRole.
groupSearch: byGroup	
groupSearchQueryPattern	Enter the pattern for querying all groups in one query. The @@GROUPS_REPLACEMENTS@@ token will be replaced with the pattern that you specify under groupSearchEachGroupPattern (displayed below). The query results list all groups defined in the mapping settings.
groupSearchEachGroupPattern	Enter the pattern for each group in the groupSearchQueryPattern (displayed above). This pattern is used multiple times: one time for each group defined in the mapping settings. The relation between the groups is OR.
groupSearchQuery	Enter the LDAP query that finds all groups. This query runs only one time, so it returns all groups defined in the matching settings. If you enter a value for this LDAP query, the two settings displayed above (groupSearchQueryPattern and groupSearchEachGroupPattern) are not used.
groupMembershipAttribute	Enter the attribute on a group record that lists the users who are members in the group.
groupSearch: byUser	
memberOfAttribute	Enter the memberOf attribute to use the memberof search filter to map groups to users. Note: The memberof search filter is not enabled by default on all LDAP servers.
userSearchQueryPattern	Enter the pattern for querying the LDAP server to find a user. The @@USERNAME@@ token will be replaced with the actual user name provided in the login window.
primaryGroupIdAttribute	(Optional) Enter the attribute name for the primary group ID (usually primaryGroupId). Use this field only to authorize by primary group ID when you are using AD.
ldapGroups	Map your LDAP server groups to MediaSpace groups.
adminRole	Enter LDAP group names that match the MediaSpace adminRole.
viewerRole	Enter LDAP group names that match the MediaSpace viewerRole.
privateOnlyRole	Enter LDAP group names that match the MediaSpace privateOnlyRole.
unmoderatedAdminRole	Enter LDAP group names that match the MediaSpace unmoderatedAdminRole.
matchByPrimaryGroupId	Match by primary group Id
sso	Configure the built-in Single Sign On Gateway authentication class (SSOAuth).
secret	Enter a custom secret, or enter 'default' to use the Kaltura Admin Secret associated with your Kaltura account.
loginUrl	What is the URL for the SSO gateway login page? Note: The 'ref' parameter is added automatically.
logoutUrl	What is the URL to which a user is redirected after logging out of MediaSpace? Usually, you enter your organization's login page.

Field	Description
headerAuth	
headerName	What is the name of the HTTP header that contains the user ID of the authenticated user?
logoutUrl	When the allowAnonymous value is 'No', you can specify a URL (instead of an 'unauthorized' page) to which the user is redirected when logged out.

Gallery

Field	Description
pageSize	How many entries can be displayed on each gallery page? (The default is 10.)
pageCount	How many page links can be displayed in the gallery pager? (Dots represent page links that are not displayed.)
pagerType	Which kind of paging mechanism should be used in the gallery page?
sortMediaBy	By default, how should media in the gallery be sorted?
thumbnailRotator	Enable thumbnail image rotation on mouseover in galleries

Player

Field	Description
playerId	What is the player ID (uiConf ID) of the player that plays the embedded video?
kpwId	What is the widget ID (uiConf ID) of the Kaltura Video-Presentation Widget used in MediaSpace?
autoPlayOnLoad	When MediaSpace loads, should the video that is loaded in the player begin playing automatically? Notes: (1) Autoplay is triggered when MediaSpace starts and each time a new page loads, such as when switching from My Playlists to a gallery page. (2) The player always begins playing automatically when a user clicks a video in a gallery, regardless of whether autoPlayOnLoad is enabled.
playback	Which Playback method should MediaSpace use? HTTP uses progressive download and is cached in the browser. RTMP streams data and supports adaptive bitrates. Generally, HTTP provides a better user experience for seeking forward or backward, while RTMP provides better video quality. How quickly the video begins playing depends on caching, so first time play always begins faster using RTMP and subsequent play may begin faster using HTTP. RTMP is not formally supported for MediaSpace based on the Kaltura On-Prem Edition.

Widgets

Field	Description
ksuId	What is the uiConf ID of the Kaltura Simple Uploader (KSU)?

Field	Description
	MediaSpace uses KSU to upload videos, images, and audio files.
krecordId	What is the uiConf ID of the kRecord widget? MediaSpace uses kRecord to record and upload video from a webcam.
kvpmDocUploadId	What is the uiConf ID of the Kaltura Document Upload widget? The Kaltura Document Upload widget is used by the Kaltura Video-Presentation widget.
kvpmCreationId	What is the uiConf ID of the Kaltura Video-Presentation widget? The Video-Presentation widget enables users to synchronize video with PowerPoint presentations.
rtmpUrl	What is the URL of your RTMP Server? The URL is required for Webcam recording.

Metadata

Field	Description
createdByRequired	Require users to fill in the 'Created By' field when uploading or editing media?
descriptionRequired	Require users to fill in the 'Description' field when uploading or editing media?
tagsRequired	Require users to fill in the 'Tags' field when uploading or editing media?

Header

Field	Description
headerStyle	Which background and matching theme should MediaSpace use for the header?
logoImage	The options for the logo image to display in the MediaSpace header are: [1] To display the 'logoAltText' text as the page header instead of a logo, enter 'false' or an empty string (' '); [2] Replace /assets/images/logo.jpg with a different logo image using the same filename; [3] Place a logo image using a new filename in the /assets/images/ directory and enter the filename in the 'logoImage' field. Note: The width of the logo image affects the amount of space available for the Header menu. (See menu configuration below.)
logoImageUrl	The option to load logo from URL - specify the URL of the logo. If URL is specified it will be used instead of logoImage (above). Default logo size is 325px wide X 41px high. Note: The width of the logo image affects the amount of space available for the Header menu. (See menu configuration below.)
logoAltText	The 'logoAltText' options are: [1] If you insert an image file in the 'logoImage' field, you may enter alternate text for the tag's 'alt' attribute; [2] If you enter 'false' or an empty string in the 'logoImage' field, you must enter text for the page header.
logoLink	The options for defining the behavior when a user clicks the logo are: [1] Enter 'false' if you do not want the logo to be clickable; [2] Enter 'home' to display the home page (displayed when MediaSpace opens); [3] Enter a full URL (starting with http://) to open a different page in a new browser window/tab.
enableUploadButton	Enable or Disable the 'Add New' button in the site's header

Navigation

Field	Description
includeCategories	Select 'No' if you don't want the categories to display in main navigation and only want PRE and POST items to appear
pre	Add items to the beginning of the main menu, before the categories. MediaSpace displays the items in the order you define here. The first 'pre' item must be a 'playlist' type.
type	Select one of the options: Playlist, My Media, My Playlists, Link, Category, Entry Id, or Channels Page
name	Enter the label for the menu item. The label is displayed in the main navigation bar.
value	Enter the menu item's playlist ID or URL.
category	Category Item
entryId	Entry Id
post	Add items to the end of the main menu, after the categories. MediaSpace displays the items in the order you define here.
type	Select one of the options: Playlist, My Media, My Playlists, Link, Category, Entry Id, or Channels Page
name	Enter the label for the menu item. The label is displayed in the main navigation bar.
value	Enter the menu item's playlist ID or URL.
category	Category Item
entryId	Entry Id

Categories

Field	Description
rootCategory	Which root category does MediaSpace use for all categories and content? A root category must be defined in the KMC.
restricted	Restrict categories to specific roles. Only users with the specified role can view media in the restricted category. Only users with adminRole or unmoderatedAdminRole can add media to the restricted category.
category	Select a category to restrict.
roles	Select one or more roles that can access the restricted category. Use 'Ctrl' to select multiple roles.

Channels

Field	Description
channelThumbnailProfileId	The channel thumbnails metadata profile. This value is programmatically set during installation.
pageSize	How many channels can be displayed on each channel page? (The default is 9.)
pageCount	How many page links can be displayed in the channel pager? (Dots

Field	Description
	represent page links that are not displayed.)
pagerType	Which kind of paging mechanism should be used in the channel page?
channelCreator	Select the minimal role that can create Channels.

Debug

Field	Description
logLevel	Debug level of the KMS Log File (logs/kms.log)
kalturaDebug	Enable debug log of requests to the Kaltura API (logs/apidebug.log)
kalturaStats	Enable stats log of requests to the Kaltura API (logs/api.log)
highlightJs	Enable Highlighting of Javascript interactions on the pages
enableDebugBar	Enable the debugBar(™) floating window
emailErrors	Enable sending emails in case of errors
emailThreshold	Threshold level of the Error Emails (Minimum error level to send an email)
emailAddress	Email addresses to send application and api errors (multiple values allowed)

Moderation

Field	Description
reasonSex	Please provide the reasons KMS users can choose for flagging media. (If none are provided, the default Kaltura reasons will be used)
reasonViolence	Please provide the reasons KMS users can choose for flagging media. (If none are provided, the default Kaltura reasons will be used)
reasonHarmful	Please provide the reasons KMS users can choose for flagging media. (If none are provided, the default Kaltura reasons will be used)
reasonSpam	Please provide the reasons KMS users can choose for flagging media. (If none are provided, the default Kaltura reasons will be used)

Configuration Management: Modules

NOTES:

1. Some fields are displayed only when you select a specific value for a different field.
2. Field group names are in bold. The group's configurable fields follow the group name.

Addcontent

Field	Description
enabled	Enable the Addcontent module.

Addtoplaylists

Field	Description
enabled	Enable the Addtoplaylists module.
allowCreation	Allow users to create new playlists from the 'Add to Playlists' module?

Captions

Field	Description
enabled	Enable the Captions module.
captionsKsuId	What is the uiConf ID of the Kaltura Simple Uploader (KSU) used for captions? MediaSpace uses KSU to upload .SRT and .DFXP caption files.
thumbnailRotator	Enable thumbnail image rotation on mouseover in captions search results
pageSize	How many search captions results can be displayed on each page? (The default is 10.)
pageCount	How many page links can be displayed in the captions search results pager? (Dots represent page links that are not displayed.)
pagerType	Which kind of paging mechanism should be used in the captions search results page?

Channelmembers

Field	Description
enabled	Enable the Channelmembers module.

Channelmoderation

Field	Description
enabled	Enable the Channelmoderation module.

Channelsettings

Field	Description
enabled	Enable the Channelsettings module.

Channelsettingsadvanced

Field	Description
enabled	Enable the Channelsettingsadvanced module.

Channeltopics

Field	Description
enabled	Enable the Channeltopics module.
profileId	What is the ID of the Channel Topics metadata? Copy the custom data schema ID from KMC > Settings > Custom Data (http://www.kaltura.com/index.php/kmc/kmc4#account|metadata).
topicField	What field contains the available Channel Topics? Use custom data System Name from KMC > Settings > Custom Data (http://www.kaltura.com/index.php/kmc/kmc4#account|metadata).

Comments

Field	Description
enabled	Enable the Comments module.
channelCommentsProfileId	Custom Metadata profile Id for channels
entryCommentsProfileId	Custom Metadata profile Id for entries
entryCommentsCountProfileId	Custom Metadata profile Id for entry comments count
commentsAllowed	Who can add comments?
pageSize	Number of comments to display
sort	Sort comments by newest or oldest first?
sortReplies	Sort replies by newest or oldest first?
allowClose	Allow content owners to disable/close comments for particular entries
showInGalleries	Enable/disable showing of comments for entries in the gallery page
showInChannels	Enable/disable showing of comments for entries in the channels page

Customdata

Field	Description
enabled	Enable the Customdata module.
profileId	What is the ID of the custom metadata? Copy the custom data schema ID from KMC > Settings > Custom Data (http://www.kaltura.com/index.php/kmc/kmc4#account|metadata).
dateFormat	What is the format of the date for the datepicker (server side)?
jsDateFormat	What is the format of the date for the datepicker (client side)?
equiredFields	Which custom data fields are required when uploading or editing media? Use custom data System Names from KMC > Settings > Custom Data (http://www.kaltura.com/index.php/kmc/kmc4#account|metadata).
privateFields	Which custom data fields are not displayed in MediaSpace? Use custom data system names from KMC > Settings > Custom Data (http://www.kaltura.com/index.php/kmc/kmc4#account|metadata). Note: Private custom data fields are not hidden when the media owner accesses the media from My Media.

Embed

Field	Description
enabled	Enable the Embed module.
embedAllowed	Select one or more roles that can use the Embed module. Use 'Ctrl' to select multiple roles.
embedSkins	Define skins that can be used for embedded players.
name	What is the name of the skin? The skin name is displayed when the user selects an embed 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	
medium	
small	

Embedplaylist

Field	Description
enabled	Enable the Embedplaylist module.
embedAllowed	Select one or more roles that can use the Embedplaylist module. Use 'Ctrl' to select multiple roles.
embedSkins	Define skins that can be used for embedded playlists.
light_horizontal	
dark_horizontal	
light_vertical	
dark_vertical	
embedSizes	Define sizes that can be used for embedded playlists.
horizontal	
vertical	

Headermenu

Field	Description
enabled	Enable the Headermenu module.
menu	Define the items that are displayed on the top right in the header menu.
type	Type can be My Media, My Playlists, URL, Menu, or My Channels.
label	For a URL, enter the URL label. For a Menu, enter the label.
link	Enter a URL. A URL that starts with http:// opens in a new window.
items	A menu item consists of a label (text) and a link (URL).
label	Enter the label for the menu item.

Field	Description
link	Enter a URL. A URL that starts with http:// opens in a new window.

Oembed

Field	Description
enabled	Enable the Oembed module.
type	Which type of oEmbed code should be displayed? 'Short' is the common type. For example: http://url.for.mediaspace/id/xyz, where xyz is the media asset ID (entry ID). 'Short' links are valid URLs. A 'Short' link entered in a browser loads MediaSpace with the video loaded in the player. 'Full' is much longer than 'Short.' Use 'Full' when your oEmbed 'consumer' cannot convert a link embed code to a full oEmbed request.
enableCustomization	When a user selects 'oEmbed' for the 'Select Embed Type' option, should the options for selecting a player skin and player size be displayed? Note: If you enable customization, your oEmbed must be able to accept the oEmbed link format that is created.
playerId	What player ID (uiConf ID) should be used to display the embedded video? Note: If you are not sure, enter 'default' (without quotes) or leave the playerId field empty. MediaSpace will use the value of the first embedSkin config.
height	What is the height (in pixels) of the oEmbed player? Enter only the number.
width	What is the width (in pixels) of the oEmbed player? Enter only the number.

Publish

Field	Description
enabled	Enable the Publish module.

Related

Field	Description
enabled	Enable the Related module.
limit	How many related videos can be displayed?

Screencapture

Field	Description
enabled	Enable the Screencapture module.
ksrId	What is the widget ID (uiConf ID) of the Kaltura Screen Recorder Widget (KSR) used in MediaSpace?
videoBitrate	The video bitrate quality (in kbps) to use for the capture. For example 2000

Field	Description
advancedOptionsEnabled	Enable the option to select frames per second by the user

Sidemymedia

Field	Description
enabled	Enable the Sidemymedia module.
limit	How many Sidemymedia items can be displayed?

Sideplaylists

Field	Description
enabled	Enable the Sideplaylists module.
limit	How many items can be displayed in a side playlist?
items	Define playlists to display on the right side next to the player.
label	Enter the playlist label.
id	Enter the ID of the playlist to display.