

Understanding the MediaSpace 5.0 Setup

Kaltura MediaSpace features fine grained governance rules that grant specific permissions to content on the MediaSpace site. To explain your options, setup-related article describe the different site sections, roles, and permissions that you can configure for MediaSpace.

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

To start learning about MediaSpace, refer to the [Creating and Managing Channels in Kaltura MediaSpace](#), 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 [Managing Categories](#) 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 categories or channels. Your MediaSpace instance can include one or both.

Understanding Categories

Categories represent a centrally curated structure and hierarchy that is available from the MediaSpace navigation side panel. Media 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, categories usually are shared with the entire organization and also may be available to the public on the web.

Categories define the taxonomy and hierarchical structure of your MediaSpace site. You can access categories through the Navigation icon and browse your content according to the categories they are contained in. Each category opens up the list of sub-categories that are pre-configured by your account administrator.

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 **MediaSpace users** or can be provisioned centrally by a **KMC admin**.

Categories vs. Channels

Understanding Roles and Permissions for Categories and Channels

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

[Application Roles](#) apply globally, while entitlement 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 *privateUploader* 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 Privacy Types

MediaSpace supports the following privacy types for categories:

- **Open: All users are entitled to access the category (anonymous or authenticated, depending on the configuration of your site) but only specific users are entitled to**

contribute content

• **Restricted: All authenticated users are entitled to access the category, but only specific users are entitled to contribute content.**

• **Private: Only specific users are entitled to access the channel and to contribute content.**
Entitlement permissions are used to assign permissions to categories or channels (for example, enabling a user to add content to a channel).

MediaSpace supports the following privacy types for channels:

Application Roles apply globally, while entitlement 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.

- **Open: All authenticated users are entitled to access the channel and contribute content.**
- **Restricted: All authenticated 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.**

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

higher (see [Understanding Permissions](#)) is assigned a role of *privateUploader* 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.

Details Members

Details Members

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 Privacy Types

MediaSpace supports the following privacy types for categories:

Tags

- **Open: All users are entitled to access the category (anonymous or authenticated, depending on the configuration of your site) but only specific users are entitled to contribute content.**

Privacy **Open** - Membership is open and non-members can view content and participate.

Restricted - Non-members can view content, but users must be invited to participate.

Private - Membership is by invitation only and only members can view content and participate.

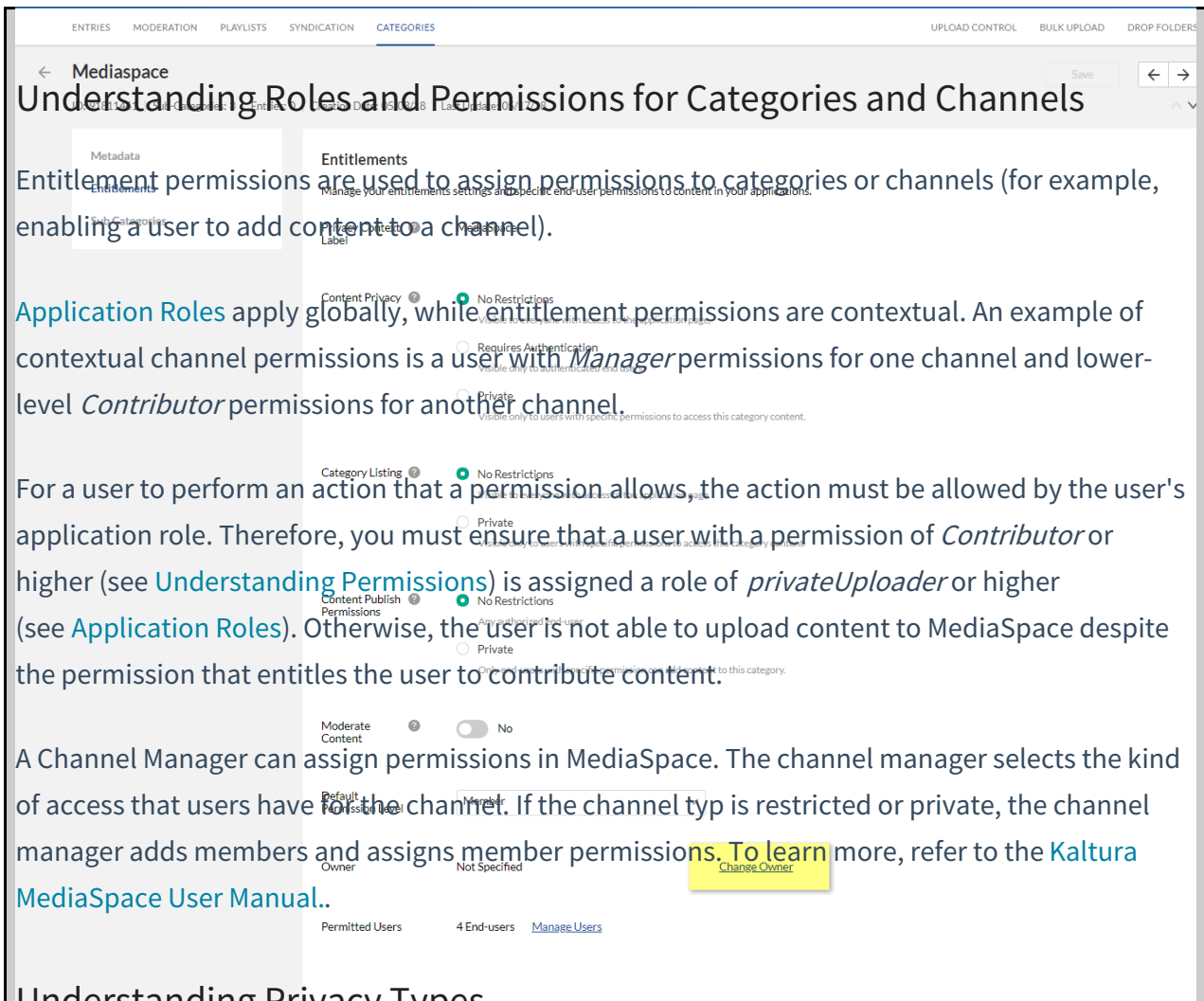
- **Restricted: All authenticated users are entitled to access the category, but only specific users are entitled to contribute content.**

• **Private: Only specific users are entitled to access the channel and to contribute content.**
KMC **Private: Only specific users are entitled to access the channel and to contribute content.**
window>Entitlements tab:

MediaSpace supports the following privacy types for channels:

- **Open: All authenticated users are entitled to access the channel and contribute content.**
- **Restricted: All authenticated 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.**

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



Understanding Roles and Permissions for Categories and Channels

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

Application Roles apply globally, while entitlement 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 *privateUploader* 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 Privacy Types

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

- **Open: All users are entitled to access the category (anonymous or authenticated, depending on the configuration of your site) but only specific users are entitled to contribute content**

- **Restricted: All authenticated users are entitled to access the category, but only specific users are entitled to contribute content.**

- **Private: Only specific users are entitled to access the channel and to contribute content.** MediaSpace application roles apply globally and include:

MediaSpace supports the following privacy types for channels:

- **anonymousRole** – Can browse your site anonymously until trying to access pages/actions that require login: My Media, My Playlists, and Add New.
- **Open: All authenticated users are entitled to access the channel and contribute content.**
- **viewerRole:**
- **Restricted: All authenticated users are entitled to access the channel, but only specific users are entitled to contribute content.**
 - Can browse public galleries
 - Is not authorized to upload new content
- **Private: Only specific users are entitled to access the channel and to contribute content.**
 - Does not have a My Media page

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

- **Can upload content to My Media**
 - **Cannot publish to galleries**
 - **Can add media**
- ## Understanding Roles and Permissions for Categories and Channels

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

- **adminRole:**
 - **Can contribute content to all categories**
 - **Can upload content**
- **unmoderatedAdminRole:** **Can upload content and bypass moderation (when moderation is enabled for an account)**

Application Roles apply globally, while entitlement 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. MediaSpace application roles are backward compatible.

For a user to perform an action that a permission allows, the action must be allowed by the user's

Modifying Application Role Names

Therefore, ensure that a user with a permission of *Contributor* or higher (see [Understanding Permissions](#)) is assigned a role of *privateUploader* or higher. You can modify MediaSpace application role names to match your institutional terminology (see [Application Roles](#)). Otherwise, the user is not able to upload content to MediaSpace despite the permission that entitles the user to contribute content.

Assigning Application Roles to Multiple Users in Bulk

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 Entitlement Permissions

Understanding Privacy Types

While an application role applies to your **entire** MediaSpace site, some permissions may be **entirely** specific to a channel. MediaSpace supports the following privacy types for categories:

Open: All users are entitled to access the category (applying to all authenticated users depending on the configuration of your site) but only specific users are entitled to

- **contribute content**
- **Member:** Can access a channel or category but cannot add new content
- **Restricted:** All authenticated users are entitled to access the category, but only specific users are entitled to contribute content.
- **Contributor:** Can add content to a channel or category
- **Moderator:** In addition to the **Contributor** permission, can moderate content.
- **Private:** Only specific users are entitled to access the channel and to contribute content.
- **Manager:** In addition to the **Contributor** permission, can moderate content and access

settings, including change metadata, edit members, change appearance, and delete channel. See [Understanding Roles and Permissions](#).

- MediaSpace supports the following privacy types for channels:
- **Open:** All authenticated users are entitled to access the channel and contribute content.
 - **Restricted:** All authenticated users are entitled to access the channel, but only specific users are entitled to contribute content.

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

- **Private:** Only specific users are entitled to access the channel and to contribute content.

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

application role also can add media.)

Understanding Roles and Permissions for Categories and Channels

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

Who can upload content to MediaSpace?

Application Roles apply globally, while entitlement permissions are contextual. An example of a user with an application role of `privateOnlyRole` and higher (adminRole) can upload content to a channel and lower-level contributor permissions can upload content to MediaSpace.

Who can view categories?

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 `privateUploader` 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. When Anonymous mode is enabled, open categories can also be viewed by anonymous users.

☰ To enable Anonymous mode

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

2. Under `allowAnonymous`, select `Yes` and click `Save`.

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.

Understanding Privacy Types

MediaSpace supports the following privacy types for categories:

Who can view or contribute content to a category/channel?

- **Open: All users are entitled to access the category (anonymous or authenticated, depending on the configuration of your site) but only specific users are entitled to contribute content.**

The following table describes the different scenarios depending on your KMS configuration and entitlements settings:

- **Restricted: All authenticated users are entitled to access the category, but only specific users are entitled to contribute content.**

Private: Only specific users are entitled to access the channel and to contribute content.

MediaSpace supports the following privacy types for channels:

Open View Anonymus + Any Authenticated User

- **Open: All authenticated users are entitled to access the channel and contribute content.**
- **Restricted: All authenticated users are entitled to access the channel, but only specific users are entitled to contribute content.**
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Channel type definitions are displayed in MediaSpace under Channel Settings>Basic:

Contribute Contributor + Any Authenticated User

adminRole +

Understanding Roles and Permissions for Categories and Channels

Restricted View Any Authenticated User Any Authenticated User
Entitlement permissions are used to assign permissions to categories or channels (for example, enabling a user to add content to a channel).

Application Roles apply globally, while entitlement 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.

Private View Member + Member +
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 *privateUploader* 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.

How does a user become a manager?

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](#).

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.

MediaSpace supports the following privacy types for categories:

Open: All users are entitled to access the category (anonymous or authenticated, depending on the configuration of your site) but only specific users are entitled to contribute content.

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](#).

- **Restricted: All authenticated users are entitled to access the category, but only specific users are entitled to contribute content.**

Who can create a channel?

- **Private: Only specific users are entitled to access the channel and to contribute content.**

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](#).

Open: All authenticated users are entitled to access the channel and contribute content.

Who can delete a channel?

- **Restricted: All authenticated users are entitled to access the channel, but only specific users are entitled to contribute content.**

The following are authorized to delete a channel:

- **Private: Only specific users are entitled to access the channel and to contribute content.**
- **From MediaSpace: The channel owner/manager**

Channel type definition is displayed in MediaSpace under Channel Settings>Basic:

From the KMC: A KMC admin

Understanding Roles and Permissions for Categories and Channels

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