

Authbroker module


Last Modified on 11/23/2024 10:59 am IST

 This article is designated for administrators.

About

AuthBroker is a "gateway" that sits on the partner (account) level and manages authentication to Kaltura via external Identity providers (IdP). AuthBroker works with the Security Assertion Markup Language (SAML) and Open Authorization (OAuth 2.0) protocols. AuthBroker users are "shared users" (users who are shared between applications / instances in the partner).

AuthBroker works with a higher version of SAML and you no longer need to set up a new profile for each new account. You can set up profile(s) just once and easily use them in multiple applications/instances.


 To use Authbroker, you must first subscribe to the **applicationRegistry**, and have a **virtual event ID** in the [Application](#) module. After configuring the AuthBroker module, you must also make one configuration in the [Auth](#) module - set **authNAdapter** to "Kaltura Auth Broker - {name of application}" and **authZAdapter** to "Kaltura Auth Broker".

Prerequisite

Before connecting the KMC and Event accounts to AuthBroker, you must have created a SAML profile using the steps in [Create and Manage SAML Profiles](#).

Configure

The AuthBroker module lets you enable new authentication methods by registering with the available Auth profiles on your account. Once subscribed, ensure to set up the Auth method in the Auth module. Remember to set a main alias and register your application in the [Application](#) module first.

 If you don't see this module in your Configuration Management console, please **contact your account representative** to enable it.

Go to your Configuration Management console, and navigate to the **Authbroker** module. Your link should look like this:
https://{your_KMS_URL}/admin/config/tab/authbroker.

Attachments

Authbroker ←

Captions

Channelplaylists

Chapters

The Authbroker window displays.

Authbroker

Search Config

Module Info

Description This module provides the ability to enable new auth methods by registering to the available Auth profiles on the account. Once subscribed, make sure to setup the Auth method in the Auth module. You must set a main alias and register your application in the application module.

Link To Page [Subscription page](#)

enabled Enable the Authbroker module.

defaultRole Set the default role for all users authenticated via the Auth profiles selected in this module.

rolesMapping

Map users to a dedicated application role, based on a value saved on the user object or user profile (based on authbroker configuration). Upon login, the application will search for a specific value in the user field of your choice, and map it to an application role. If no value is found, the default application role will be set to the user.

DELETE

fieldLocation According to your auth profile settings, where is the IDP attribute saved on the Kaltura partner level.

fieldName Enter the name of the field, on the respective object, that you're interested to rely on for mapping.

fieldValue Enter the value that will map to an application role.

applicationRole Select the application role that will be assigned if there's a match for the value in the field.

[+ Add "rolesMapping"](#)

defaultGroups

Set the default groups for all users authenticated via the Auth profiles selected in this module.

[+ Add "defaultGroups"](#)

Subscribe to a profile

1. **enabled** - Set to 'Yes' to enable the module. When enabled, admins can activate new authentication methods by registering with the available Auth profiles on the account.
2. Click **Subscription page**. (Please note that you must **enable the module first** in order to access the Subscription page.)

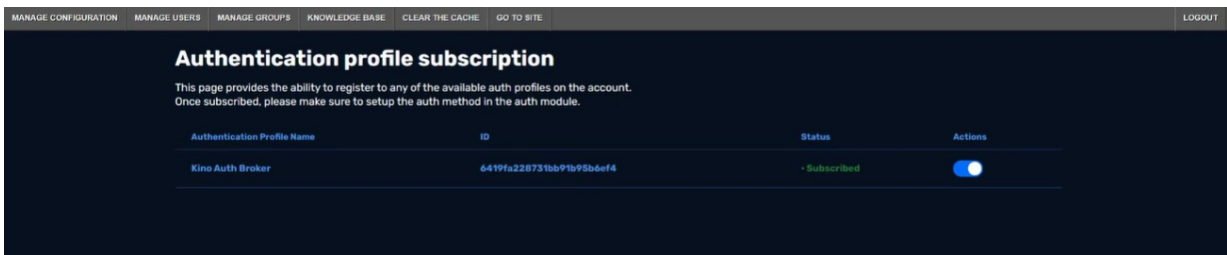
Authbroker


Module Info

Description This module provides the ability to enable new auth methods by registering to the available Auth profiles on the account. Once subscribed, make sure to setup the Auth method in the Auth module. You must set a main alias and register your application in the application module.

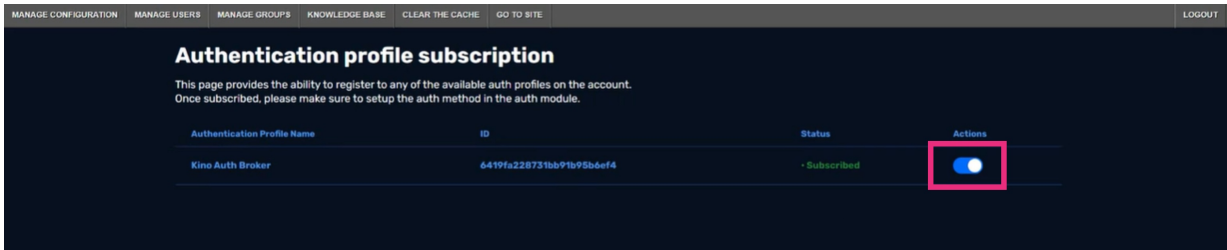
Link To Page [Subscription page](#)

The authentication profile subscription window displays. Here you can view all the authentication profiles that were created on your account in KMC.



 If there are no profiles on the subscription page, you can learn how to create them in our article [Create and manage SAML profiles](#).

3. To subscribe, just click the toggle on.



When toggled on, your Kaltura Video Portal (aka MediaSpace) can now use that authentication profile. If a few profiles were created, you have the option to subscribe to as many as you want.

Once you have subscribed to a profile, you can configure the settings for it, as follows:

Configure profile settings

defaultRole - Choose a default role from the drop-down menu for all users authenticating via the authentication profile(s) selected in the subscription page:

- viewerRole
- privateOnlyRole

- adminRole
- unmoderatedAdmin

rolesMapping

Role mapping lets you assign specific application roles to users based on their profile information, rather than only relying on a default role. With role mapping, you can link users to designated roles by setting values in their profiles. When users log in, the system checks for these values and assigns the appropriate role. If no specific value is found, it falls back to the default role.

1. Click **+Add "rolesMapping"**.

The rolesMapping section displays.

rolesMapping

Map users to a dedicated application role, based on a value saved on the user object or user profile (based on authbroker configuration). Upon login, the application will search for a specific value in the user field of your choice, and map it to an application role. If no value is found, the default application role will be set to the user.

DELETE

fieldLocation	<input type="text" value="User object"/>	According to your auth profile settings, where is the IDP attribute saved on the Kaltura partner level.
fieldName	<input type="text"/>	Enter the name of the field, on the respective object, that you're interested to rely on for mapping.
fieldValue	<input type="text"/>	Enter the value that will map to an application role.
applicationRole	<input type="text" value="viewerRole"/>	Select the application role that will be assigned if there's a match for the value in the field.

[+ Add "rolesMapping"](#)

2. Configure the following:

fieldLocation - Select where the IDP attribute is stored on the Kaltura partner level - within the **User object** or **User profile**. (An IDP attribute refers to specific information or data associated with a user's identity within an Identity Provider system. This attribute could include details such as the user's first name, last name, email address, country, or any other information relevant to their identity and access privileges.)

fieldName - Enter the name of the field you want to use for mapping the respective object, for example, 'country'.

fieldValue - Enter the value that should map to an application role, for example, 'US'.

- ✓ The video portal can read and match any value within a multi-value field, such as "Groups". For example, if a user profile contains "Groups": ["KalturaAdmin", "group2", "group3"], any of these values can be used to assign the relevant role.

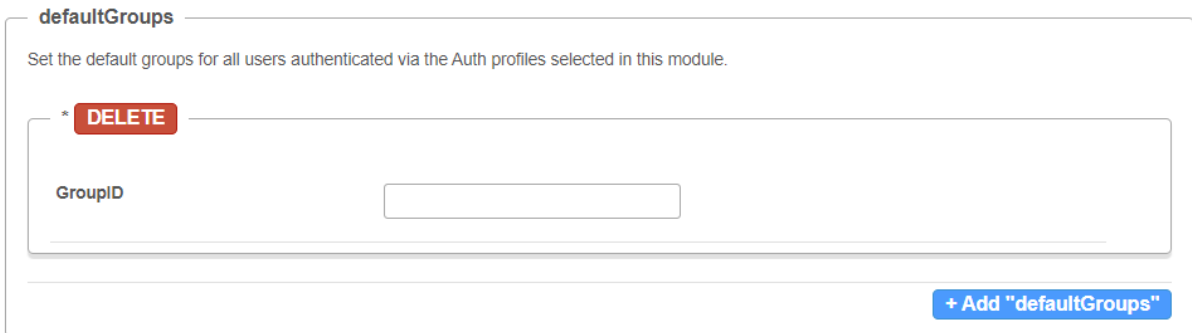
applicationRole - Choose a role from the drop-down menu that will be assigned if there's a match for the value in the field.

- viewerRole
- privateOnlyRole
- adminRole
- unmoderatedAdmin

defaultGroups

Set default groups for all users authenticated via the Auth profiles selected in this module.

1. Click **+Add "defaultGroups"**.



defaultGroups

Set the default groups for all users authenticated via the Auth profiles selected in this module.

* **DELETE**

GroupID

+ Add "defaultGroups"

2. **GroupID** - Type in a label, for example, 'AB_users', so that everyone who logs in will be added to this group ID.

useInternalLogoutPage - Select 'Yes' or 'No' to use Kaltura's internal logout page instead of redirecting the user to the IDP once logout from the video portal has finished.

useInternalLogoutPage

Yes ▾

If you select 'No', a window will appear prompting you to enter the URL where the user should be redirected after logging out, for example, 'video.kaltura.com/logout'.

logoutRedirectUrl

Finally, click **Save** to save your configuration settings.

Quick start instructions for using Authbroker login

Pre-start

1. [Create a SAML profile](#) in the KMC.
2. Navigate to the [Application module](#) (https://{your_KMS_URL}/admin/config/tab/application). Enter a [virtual event Id](#) and subscribe to the [applicationRegistry](#).

Step 1: Authbroker module

1. Navigate to the [Authbroker module](#) (https://{your_KMS_URL}/admin/config/tab/authbroker).
2. Click **Subscription page**. (Please note that you must **enable the module first** in order to access the Subscription page.)

Authbroker

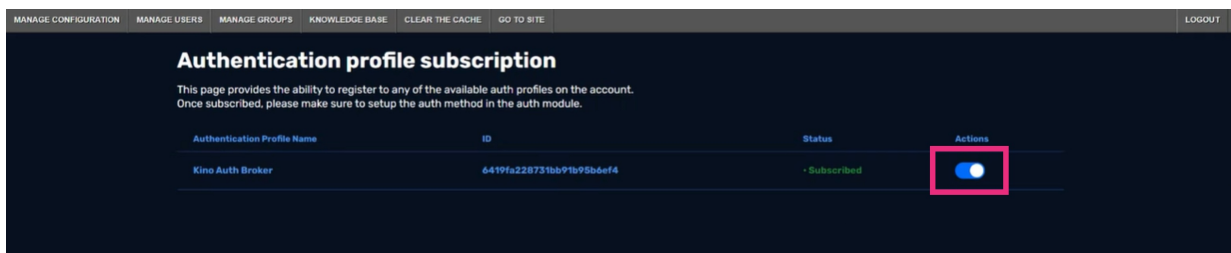
Module Info

Description This module provides the ability to enable new auth methods by registering to the available Auth profiles on the account. Once subscribed, make sure to setup the Auth method in the Auth module. You must set a main alias and register your application in the application module.

Link To Page [Subscription page](#)

The Authentication profile subscription page displays.

3. Next to the desired profile, click the toggle on.

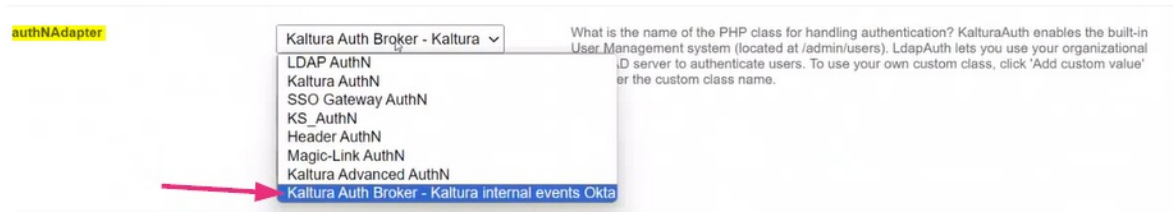


Authentication Profile Name	ID	Status	Actions
Kino Auth Broker	6419fa228731bb91b95b6ef4	Subscribed	<input checked="" type="checkbox"/>

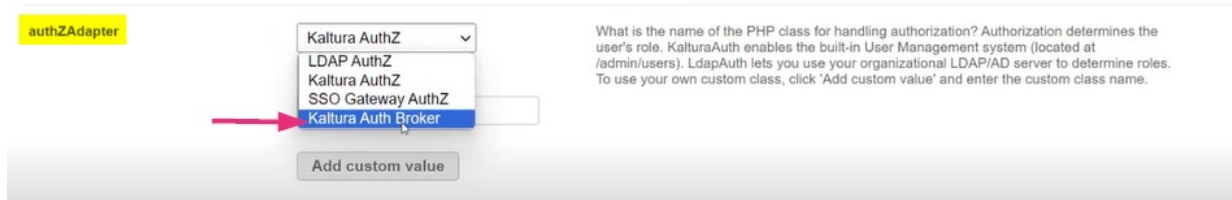
4. Click **Save**.

Step 2: Auth module

1. Navigate to the [Auth module](#) (https://{your_KMS_URL}/admin/config/tab/auth).
2. **authNAdapter** - set to **Kaltura Auth Broker - {name of your application}**



3. **authZAdapter** - set to **Kaltura Auth Broker**



4. Click **Save**.

To learn more about the Auth module and its capabilities, check out our article [Auth Module](#).