Publisher's Guide: Users, Roles and Permissions

User Manual

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Kaltura
open source video

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1 About This Document

1.1 Scope

This document describes:

- The roles and permissions infrastructure
- How to use Kaltura server APIs to define and modify roles and permissions in Kaltura applications

This document does not address:

- The Users and Roles pages in Kaltura applications, such as the Kaltura Management Console (KMC), the Kaltura Administration Console, and Kaltura MediaSpace
- Content-based permissions

1.2 Who Should Read This Document?

This document is intended for Kaltura employees, partners, community members, and customers.

1.3 Assumptions

To understand this document, you need to be familiar with:

- Kaltura terminology
- Kaltura server API architecture, including services, actions, and objects
- PHP programming language

1.4 Related Information

- http://www.kaltura.org/
- Understanding API Services (TBD)

1.5 Version History

Date	Version	Owner	Change History
May, 2011	1.0	Dor Itzhaki	Created

2 GLOSSARY

Term	Definition
Kaltura Administration Console	An application for administering the Kaltura system, including administration of multiple Kaltura accounts. The Admin Console typically is accessed by Kaltura system administrators and the IT team.
Kaltura MediaSpace	A fully customizable video portal
KMC	Kaltura Management Console. An application for content management, application creation and configuration, content monetization, distribution and syndication, and account management and reporting. The KMC is accessed by Kaltura partner administrators and the various users of a Kaltura account.
KS	Kaltura session. A unique string that identifies the session creator. The KS is used to authenticate Kaltura API calls.
kuser	Kaltura user
Partner	An individual or organization with a Kaltura system account
Partner ID	A numeric identifier that uniquely identifies a partner in the Kaltura database
Publisher	See Partner.
puser ID	Partner user identifier

3 UNDERSTANDING USERS, ROLES, AND PERMISSIONS

3.1 ROLES AND PERMISSIONS: OVERVIEW

3.1.1 Introduction

Roles and permissions enable organizations to define a user's ability to perform actions based on the user's responsibilities.

A publisher uses the roles and permissions infrastructure to specify actions that a user is allowed to perform.

3.1.2 Server Infrastructure

API actions and API object properties

- An API action is not allowed unless a user has specific permission to execute it.
- All API actions have permission items.
- Only some API object properties have permission items.
- An API object parameter is allowed by default. When an object parameter does require a permission, a code comment specifies the permission item settings. The comment is included in the code of the class that defines the object, in the parameter's comment section. The comment format is `@requiresPermission`, followed by the applicable permission item settings. For example: `* @requiresPermission insert,update`

Permission Item, Permission, and Role: Overview

Permission Item — enables very granular settings for accessing a specific API and object property.

Permission — defines a functional flow by grouping the granular permission items.

Role —groups functional flows into usable users roles.

Permission Item

A permission item:

- Consists of an API action or an API object property
- Defines a specific API action, such as:
    - baseEntry->list

- category->add
- liveStream->delete

or

Defines a specific API object property, such as:

- KalturaBaseEntry::startDate
- KalturaBaseEntry::accessControlProfileId

- Can allow the following, when applied to an API object property:
  - Read
  - Update
  - Insert
- Is internal to the Kaltura server

Permission

A permission:

- May have different meanings in different applications
- May be used by an application to enable access to a functionality, such as creating a player or uploading content
- Consists of a set of permission items

Role

A user may be associated with a role.

A role is a set of permissions.

Note: A user currently can have only one role. Although the server supports multiple roles per user, the API currently blocks multiple role functionality.

3.2 USERS: OVERVIEW

3.2.1 Introduction

Roles and permissions apply to users of the Kaltura system.

A user is an individual who logs on to a Kaltura account. The user typically accesses the Kaltura server, a

Kaltura application or widget, or a Kaltura plugin.

3.2.2 Server Infrastructure

Partner

A partner is an individual or organization with a Kaltura system account.

A partner defines roles and permissions that apply to its users.

A user may be associated with multiple partner accounts.

Account Owner

Each Kaltura account must have a user who is defined as the account owner.

An account owner:

- Cannot be deleted
- Receives account administrator emails
- Has full control of account permissions and roles
- May assign full control of account permissions and roles to additional users
- May be changed to a different user after the user is assigned full control of account permissions and roles

Note: An account may have only one account owner.

Kaltura Session (KS)

KS Definition

The Kaltura system uses a Kaltura Session (KS) identifier to identify and authenticate a user.

The KS:

- Is the string identifier generated by Kaltura or the client application using a shared secret for web session authentication
- Is generated using elements such as:
    - Partner ID
    - User ID
    - Session type

The session type is one of the following:

- ADMIN – Can access all the entries of the partner
- USER – Can access only entries created by the user

Source for Roles and Permissions

The user's role determines permissions when the KS contains a user ID and a role is assigned to the user.

The KS session type determines permissions when one of the following occurs:

- The KS does not contain a user ID.
- The user is not assigned a role.

Partner User ID (puser_id)

A puser ID uniquely identifies the user for a specific partner.

Kaltura User (kuser)

A kuser:

- Is an object that represents a person who uses the Kaltura system
- Contains metadata about the user, such as name, email, and location
- Is identified by a partner user ID (puser_id), which must be unique among one partner's users
- May be associated with more than one partner.

  Note: When a kuser is associated with multiple partners, the user has multiple kuser objects, one for each partner. All of the multiple kuser objects use the same `user_login_data` record for system logins.

User Login Data

Information about Kaltura user (kuser) logons is stored in the `user_login_data` database table.

The user login data includes:

- Email
- Name
- Password
- Last partner whose account the user logged on to
  - Number of bad login retries

- Password expiry date

One data record may relate to multiple kusers. This enables a user to use a single ID and password for multiple partner accounts.

3.3 PERMISSION TYPES

The Kaltura system provides the following types of permission:

- Normal Permissions
- Special and Plugin Permissions
- Partner Group Permissions

A permission type may be one of the following:

- A user-level permission, which is associated with an individual user through a user role
- A partner-level permission, which applies only to a partner and is not associated with an individual user. A user role does not contain partner-level permissions.

Normal Permissions

Normal permissions, which are described in this document, are user-level permissions.

Normal permissions group permission items, which may be included in a user role. The user role is assigned to an individual user.

A user role may only contain normal permissions.

Special and Plugin Permissions

Special and *plugin* permissions are partner-level permissions.

Special and plugin permissions may define:

- A feature, such as access to a specific plugin (for example, virus scan)
- A special service, such as analytics

Note: A normal permission that specifies access to an API action or object property that relates to a plugin usually applies only if the plugin is included in a partner-level special permission.

Partner Group Permissions

Partner group permissions are partner-level permissions.

Partner group permissions include permission items.

Partner group permissions have a special `partnerGroup` parameter.

The `partnerGroup` parameter is a comma-separated list of partner IDs.

Note: When the value of `partnerGroup` is an asterisk (*), the parameter applies to all partners.

When a user is allowed to perform an action based on the user's role and the user's partner has a partner group permission, the user is allowed to perform the action on all the partners listed in `partnerGroup`.

4 APIs for Users, Roles, and Permissions

You can use Kaltura APIs to define and modify users, roles, and permissions.

4.1 UserService

A service API class that manages partner users.

Remarks

`userId` is the unique identifier in the partner's system.

The `partnerId,userId` couple constitutes a unique key in Kaltura's database.

Extends

`KalturaBaseUserService`

Note: `AdminUserService` also extends `KalturaBaseUserService` (for backward compatibility). Do not use `AdminUserService`, which is deprecated.

Actions

Name	Description
addAction	Adds a new user to an existing account in the Kaltura database.
updateAction	Updates an existing user object.
getAction	Retrieves a user object for a specified user ID.
getByLoginIdAction	Retrieves a user object for a user's login ID and partner ID.
deleteAction	Deletes a user from a partner account.
listAction	Lists user objects that are associated with an account.
notifyBan	Notifies that a user is banned from an account.
loginAction	Logs a user into a partner account with a partner ID, a partner user ID (puser), and a user password.
loginByLoginIdAction	Logs a user into a partner account with a user login ID and a user password.
updateLoginDataAction	Updates a user's login data:

Name	Description
	• Email • Password • Name
resetPasswordAction	Resets a user's password and sends the user an email containing a link for setting up the new password.
setInitialPasswordAction	Sets a user's password.
enableLoginAction	Enables a user to log into a partner account using an email address and a password.
disableLoginAction	Disables a user's ability to log into a partner account using an email address and a password.

4.1.1 addAction

Adds a new user to an existing account in the Kaltura database.

```
function addAction(KalturaUser $user)
```

Parameters

Name	Input/Output	Type	Description
`user`	Input	`KalturaUser`	The new user

Return Value

Type	Description
`KalturaUser`	The added user object

Errors

Name	Description
DUPLICATE_USER_BY_ID	A user with the ID [*user->id*] already exists in system.
PROPERTY_VALIDATION_CANNOT_BE_NULL	The property [*property_name*] cannot be NULL.
INVALID_FIELD_VALUE	The value in field [*field_name*] is not valid.
UNKNOWN_PARTNER_ID	The partner ID [*partner_id*] is not recognized.
ADMIN_LOGIN_USERS_QUOTA_EXCEEDED	The permitted number of user logins has been reached. No more logins are permitted for this partner account.
PASSWORD_STRUCTURE_INVALID	The password you entered is not valid. Passwords must: • Contain between 8 and 14 characters • Not contain your name • Contain at least one lowercase letter (a-z) • Contain at least one digit (0-9) • Contain at least one of the following symbols: %~!@#$^*=+?[]{} • Not contain the following characters: < or >
DUPLICATE_USER_BY_LOGIN_ID	A loginable user with the email [*login_email*] already exists in system.

4.1.2 updateAction

Updates an existing user object.

```
public function updateAction($userId, KalturaUser $user)
```

Remarks

You also can use this action to update the `userId`.

Parameters

Name	Input/Output	Type	Description
`userId`	Input	String	The user's unique identifier in the partner's system
`user`	Input	`KalturaUser`	The updated user

Return Value

Type	Description
`KalturaUser`	The updated user object

Errors

Name	Description
INVALID_USER_ID	The user ID is not valid.
CANNOT_DELETE_OR_BLOCK_ROOT_ADMIN_USER	An account owner user cannot be deleted.
USER_ROLE_NOT_FOUND	The user role cannot be located.
ACCOUNT_OWNER_NEEDS_PARTNER_ADMIN_ROLE	The account owner must have a partner administrator role.

4.1.3 getAction

Retrieves a user object for a specified user ID.

```
public function getAction($userId)
```

Parameters

Name	Input/Output	Type	Description
`userId`	Input	String	The user's unique identifier in the partner's system

Return Value

Type	Description
`KalturaUser`	The specified user object

Errors

Name	Description
INVALID_USER_ID	The user ID is not valid.

4.1.4 getByLoginIdAction

Retrieves a user object for a user's login ID and partner ID.

```
public function getByLoginIdAction($loginId)
```

Remarks

A login ID is the email address used by a user to log into the system.

Parameters

Name	Input/Output	Type	Description
`loginId`	Input	String	The user's email address that identifies the user for login

Return Value

Type	Description
`KalturaUser`	The user object represented by the login and partner IDs

Errors

Name	Description
LOGIN_DATA_NOT_FOUND	The login ID cannot be located.

Name	Description
USER_NOT_FOUND	The user cannot be located.

4.1.5 deleteAction

Deletes a user from a partner account.

```
public function deleteAction($userId)
```

Parameters

Name	Input/Output	Type	Description
`userId`	Input	String	The user's unique identifier in the partner's system

Return Value

Type	Description
`KalturaUser`	The deleted user object

Errors

Name	Description
INVALID_USER_ID	The user ID is not valid.

4.1.6 listAction

Lists user objects that are associated with an account.

```
public function listAction(KalturaUserFilter $filter = null,
KalturaFilterPager $pager = null)
```

Remarks

Blocked users are listed unless you use a filter to exclude them.

Deleted users are not listed unless you use a filter to include them.

Parameters

Name	Input/Output	Type	Description
`filter`	Input (optional)	`KalturaUserFilter`	A filter used to exclude specific types of users
`pager`	Input (optional)	`KalturaFilterPager`	A limit for the number of records to display on a page

Return Value

Type	Description
`KalturaUserListResponse`	The list of user objects

4.1.7 notifyBan

Notifies that a user is banned from an account.

```
public function notifyBan($userId)
```

Parameters

Name	Input/Output	Type	Description
`userId`	Input	String	The user's unique identifier in the partner's system

Errors

Name	Description
INVALID_USER_ID	The user ID is not valid.

4.1.8 loginAction

Logs a user into a partner account with a partner ID, a partner user ID (puser), and a user password.

```
public function loginAction($partnerId, $userId, $password, $expiry =
```

```
86400, $privileges = '*')
```

Remarks

The action enables a user to generate a KS.

The KS enables the user to execute API actions.

Parameters

Name	Input/Output	Type	Description
`partnerId`	Input	Integer	The identifier of the partner account
`userId`	Input	String	The user's unique identifier in the partner's system
`password`	Input	String	The user's password
`expiry`	Input	Integer	The requested time (in seconds) before the generated KS expires. By default, a KS expires after 24 hours.
`privileges`	Input	String	Special privileges

Return Value

Type	Description
String	The user's KS

Errors

Name	Description
USER_NOT_FOUND	The user cannot be located.
USER_WRONG_PASSWORD	The user password is incorrect.
INVALID_PARTNER_ID	The partner ID [*partner_id*] is not valid.
LOGIN_RETRIES_EXCEEDED	You tried logging in too many times. Your account is locked and will not be available for 24 hours.

Name	Description
LOGIN_BLOCKED	Your account is locked.
PASSWORD_EXPIRED	Your password expired.
USER_IS_BLOCKED	The user is blocked.

4.1.9 loginByLoginIdAction

Logs a user into a partner account with a user login ID and a user password.

```
public function loginByLoginIdAction($loginId, $password, $partnerId =
null, $expiry = 86400, $privileges = '*')
```

Remarks

The action enables a user to generate a KS.

The KS enables the user to execute API actions.

Name	Input/Output	Type	Description
`loginId`	Input	String	The user's email address that identifies the user for login
`password`	Input	String	The user's password
`partnerId`	Input (Optional)	Integer	The identifier of the partner account
`expiry`	Input	Integer	The requested time (in seconds) before the generated KS expires. By default, a KS expires after 24 hours.
`privileges`	Input	String	Special privileges

Return Value

Type	Description
String	The user's KS

Errors

Name	Description
USER_NOT_FOUND	The user cannot be located.
USER_WRONG_PASSWORD	The user password is incorrect.
INVALID_PARTNER_ID	The partner ID [*name*] is not valid.
LOGIN_RETRIES_EXCEEDED	You tried logging in too many times. Your account is locked and will not be available for 24 hours.
LOGIN_BLOCKED	Your account is locked.
PASSWORD_EXPIRED	Your password expired.
USER_IS_BLOCKED	The user is blocked.

4.1.10 updateLoginDataAction

Updates a user's login data:

- Email
- Password
- Name

```
public function updateLoginDataAction( $oldLoginId , $password , $newLoginId = "" , $newPassword = "", $newFirstName = null, $newLastName = null)
```

Name	Input/Output	Type	Description
`oldLoginId`	Input	String	The user's current email address that identified the user for login
`password`	Input	String	The user's existing password
`newLoginId`	Input (Optional)	String	The user's email address that will identify the user for login

Name	Input/Output	Type	Description
`newPassword`	Input (Optional)	String	The user's new password
`newFirstName`	Input (Optional)	String	The user's new first name
`newLastName`	Input (Optional)	String	The user's new last name

Errors

Name	Description
INVALID_FIELD_VALUE	The value in field [*name*] is not valid.
LOGIN_DATA_NOT_FOUND	The login ID cannot be located.
WRONG_OLD_PASSWORD	The existing password is incorrect.
PASSWORD_STRUCTURE_INVALID	The password you entered is not valid. Passwords must: • Contain between 8 and 14 characters • Not contain your name • Contain at least one lowercase letter (a-z) • Contain at least one digit (0-9) • Contain at least one of the following symbols: %~!@#$^*=+?[]{} • Not contain the following characters: < or >
PASSWORD_ALREADY_USED	The password you chose has already been used.
LOGIN_ID_ALREADY_USED	The login ID is already in use.

4.1.11 resetPasswordAction

Resets a user's password and sends the user an email containing a link for setting up the new password.

```
public function resetPasswordAction($email)
```

Remarks

This action is used in the “Forgot password” feature.

Parameters

Name	Input/Output	Type	Description
`email`	Input	String	The user's email address (login email)

Errors

Name	Description
LOGIN_DATA_NOT_FOUND	The login ID (login email) cannot be located.
PASSWORD_STRUCTURE_INVALID	The password you entered is not valid. Passwords must: • Contain between 8 and 14 characters • Not contain your name • Contain at least one lowercase letter (a-z) • Contain at least one digit (0-9) • Contain at least one of the following symbols: %~!@#$^*=+?[]{} • Not contain the following characters: < or >
PASSWORD_ALREADY_USED	The password you chose has already been used.
INVALID_FIELD_VALUE	The value in field [*field_name*] is not valid.
LOGIN_ID_ALREADY_USED	The login ID is already in use.

4.1.12 setInitialPasswordAction

Sets a user's password.

```
public function setInitialPasswordAction($hashKey, $newPassword)
```

Remarks

The application uses this action internally.

Context

Called to set a user's password after a `resetPasswordAction` request.

Parameters

Name	Input/Output	Type	Description
`hashKey`	Input	String	The hash key used to identify the user
`newPassword`	Input	String	The new password to set for the user

Errors

Name	Description
LOGIN_DATA_NOT_FOUND	The login ID cannot be located.
PASSWORD_STRUCTURE_INVALID	The password you entered is not valid. Passwords must: • Contain between 8 and 14 characters • Not contain your name • Contain at least one lowercase letter (a-z) • Contain at least one digit (0-9) • Contain at least one of the following symbols: %~!@#$^*=+?[]{} • Not contain the following characters: < or >
NEW_PASSWORD_HASH_KEY_EXPIRED	The specified hash key is expired.
NEW_PASSWORD_HASH_KEY_INVALID	The specified hash key is not valid.
PASSWORD_ALREADY_USED	The password you chose has already been used.
INTERNAL_SERVERL_ERROR	An internal server error occurred.

4.1.13 enableLoginAction

Enables a user to log into a partner account using an email address and a password.

```
public function enableLoginAction($userId, $loginId, $password = null)
```

Parameters

Name	Input/Output	Type	Description
`userId`	Input	String	The user's unique identifier in the partner's system
`loginId`	Input	String	The user's email address that identifies the user for login
`password`	Input (Optional)	String	The user's password

Return Value

Type	Description
`KalturaUser`	The user object represented by the user and login IDs

Errors

Name	Description
USER_LOGIN_ALREADY_ENABLED	The user already is allowed to log in.
USER_NOT_FOUND	The user cannot be located.
ADMIN_LOGIN_USERS_QUOTA_EXCEEDED	The permitted number of user logins has been reached. No more logins are permitted for this partner account.
PASSWORD_STRUCTURE_INVALID	The password you entered is not valid. Passwords must: • Contain between 8 and 14 characters • Not contain your name

Name	Description
	• Contain at least one lowercase letter (a-z) • Contain at least one digit (0-9) • Contain at least one of the following symbols: %~!@#$^*=+?[]{} • Not contain the following characters: < or >
LOGIN_ID_ALREADY_USED	The login ID is already in use.

4.1.14 disableLoginAction

Disables a user's ability to log into a partner account using an email address and a password.

```
public function disableLoginAction($userId = null, $loginId = null)
```

Remarks

You may use either a `userId` or a `loginId` parameter for this action.

Parameters

Name	Input/Output	Type	Description
`userId`	Input (Optional)	String	The user's unique identifier in the partner's system
`loginId`	Input (Optional)	String	The user's email address that identifies the user for login

Return Value

Type	Description
`KalturaUser`	The user object represented by the user and login IDs

Errors

Name	Description
USER_LOGIN_ALREADY_DISABLED	The user already is not allowed to log in.
PROPERTY_VALIDATION_CANNOT_BE_NULL	The property [*property_name*] cannot be NULL.
USER_NOT_FOUND	The user cannot be located.
CANNOT_DISABLE_LOGIN_FOR_ADMIN_USER	A login cannot be disabled for an ADMIN user.

4.2 USERROLESERVICE

A service API class that creates and manages user roles.

Extends

`KalturaBaseService`

Actions

Name	Description
addAction	Adds a new user role object to the account.
getAction	Retrieves a user role object using its ID.
updateAction	Updates an existing user role object.
deleteAction	Deletes an existing user role object.
listAction	Lists user role objects that are associated with an account.
cloneAction	Creates a new user role object that is a duplicate of an existing role.

4.2.1 addAction

Adds a new user role object to the account.

```
public function addAction(KalturaUserRole $userRole)
```

Parameters

Name	Input/Output	Type	Description
`userRole`	Input	`KalturaUserRole`	A new role

Return Value

Type	Description
`KalturaUserRole`	The added user role object

Errors

Name	Description
PROPERTY_VALIDATION_CANNOT_BE_NULL	The property [*name*] cannot be NULL.
PROPERTY_VALIDATION_NOT_UPDATABLE	The property [*name*] cannot be updated.
PERMISSION_NOT_FOUND	A permission associated with the role cannot be located.

4.2.2 getAction

Retrieves a user role object using its ID.

```
public function getAction($userRoleId)
```

Parameters

Name	Input/Output	Type	Description
`userRoleId`	Input	Integer	The user role's unique identifier

Return Value

Type	Description
`KalturaUserRole`	The retrieved user role object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.2.3 updateAction

Updates an existing user role object.

```
public function updateAction($userRoleId, KalturaUserRole $userRole)
```

Parameters

Name	Input/Output	Type	Description
`userRoleId`	Input	Integer	The user role's unique identifier
`userRole`	Input	`KalturaUserRole`	The role object that contains parameters to update

Return Value

Type	Description
`KalturaUserRole`	The updated user role object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.
PERMISSION_NOT_FOUND	A permission associated with the role cannot be located.

4.2.4 deleteAction

Deletes an existing user role object.

```
public function deleteAction($userRoleId)
```

Parameters

Name	Input/Output	Type	Description
`userRoleId`	Input	Integer	The user role's unique identifier

Return Value

Type	Description
`KalturaUserRole`	The deleted user role object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.
ROLE_IS_BEING_USED	The role is in use. The action cannot be completed.

4.2.5 listAction

Lists user role objects that are associated with an account.

```
public function listAction(KalturaUserRoleFilter  $filter = null,
KalturaFilterPager $pager = null)
```

Remarks

Blocked user roles are listed unless you use a filter to exclude them.

Deleted user roles are not listed unless you use a filter to include them.

Parameters

Name	Input/Output	Type	Description
`filter`	Input (Optional)	`KalturaUserRoleFilter`	A filter used to exclude specific types of user roles
`pager`	Input (Optional)	`KalturaFilterPager`	A limit for the number of records to display on a page

Return Value

Type	Description
`KalturaUserRoleListResponse`	The list of user role objects

4.2.6 cloneAction

Creates a new user role object that is a duplicate of an existing role.

```
public function cloneAction($userRoleId)
```

Parameters

Name	Input/Output	Type	Description
`userRoleId`	Input	Integer	The user role's unique identifier

Return Value

Type	Description
`KalturaUserRole`	The duplicate user role object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.3 PERMISSIONSERVICE

A service API class that creates and manages user permissions.

Extends

`KalturaBaseService`

Actions

Name	Description
addAction	Adds a new permission object to the account.
getAction	Retrieves a permission object using its ID.
updateAction	Updates an existing permission object.
deleteAction	Deletes an existing permission object.
listAction	Lists permission objects that are associated with an account.
getCurrentPermissions	Retrieves a list of permissions that apply to the current KS.

4.3.1 addAction

Adds a new permission object to the account.

```
public function addAction(KalturaPermission $permission)
```

Parameters

Name	Input/Output	Type	Description
`permission`	Input	`KalturaPermission`	The new permission

Return Value

Type	Description
`KalturaPermission`	The added permission object

Errors

Name	Description
PROPERTY_VALIDATION_CANNOT_BE_NULL	The property [*name*] cannot be NULL.
PROPERTY_VALIDATION_NOT_UPDATABLE	The property [*name*] cannot be updated.

4.3.2 getAction

Retrieves a permission object using its ID.

```
public function getAction($permissionName)
```

Parameters

Name	Input/Output	Type	Description
permissionName	Input	String	The name assigned to the permission

Return Value

Type	Description
KalturaPermission	The retrieved permission object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.3.3 updateAction

Updates an existing permission object.

```
public function updateAction($permissionName, KalturaPermission
$permission)
```

Parameters

Name	Input/Output	Type	Description
permissionName	Input	String	The name assigned to the permission
permission	Input	KalturaPermission	The updated permission

Return Value

Type	Description
`KalturaPermission`	The updated permission object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.3.4 deleteAction

Deletes an existing permission object.

```
public function deleteAction($permissionName)
```

Parameters

Name	Input/Output	Type	Description
`permissionName`	Input	String	The name assigned to the permission

Return Value

Type	Description
`KalturaPermission`	The deleted permission object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.3.5 listAction

Lists permission objects that are associated with an account.

```
public function listAction(KalturaPermissionFilter  $filter = null,
KalturaFilterPager $pager = null)
```

Remarks

Blocked permissions are listed unless you use a filter to exclude them.

Deleted permissions are not listed unless you use a filter to include them.

Parameters

Name	Input/Output	Type	Description
`filter`	Input (Optional)	`KalturaPermissionFilter`	A filter used to exclude specific types of permissions
`pager`	Input (Optional)	`KalturaFilterPager`	A limit for the number of records to display on a page

Return Value

Type	Description
`KalturaPermissionListResponse`	The list of permission objects

4.3.6 getCurrentPermissions

Retrieves a list of permissions that apply to the current KS.

```
public function getCurrentPermissions()
```

Remarks

The data is extracted from the KS as follows:

- The data is taken from the user's role when there is a `userId`.
- The data is taken according to the `sessionType` in the following cases:
    - There is no `userID`.

- The user is not associated with a role.

Return Value

Type	Description
String	A comma-separated list of current permission names

4.4 PERMISSIONITEMSERVICE

A service API class that creates and manages permission items.

Extends

`KalturaBaseService`

Actions

Name	Description
addAction	Adds a new permission item object to the account.
getAction	Retrieves a permission item object using its ID.
updateAction	Lists permission item objects that are associated with an account.
deleteAction	Deletes an existing permission item object.
listAction	Lists permission item objects that are associated with an account.

4.4.1 addAction

Adds a new permission item object to the account.

```
public function addAction(KalturaPermissionItem $permissionItem)
```

Remarks

This action is available only to Kaltura system administrators.

Parameters

Name	Input/Output	Type	Description
`permissionItem`	Input	`KalturaPermissionItem`	The new permission item

Return Value

Type	Description
`KalturaPermissionItem`	The added permission item object

Errors

Name	Description
PROPERTY_VALIDATION_CANNOT_BE_NULL	The property [*name*] cannot be NULL.
PROPERTY_VALIDATION_NOT_UPDATABLE	The property [*name*] cannot be updated.

4.4.2 getAction

Retrieves a permission item object using its ID.

```
public function getAction($permissionItemId)
```

Parameters

Name	Input/Output	Type	Description
`permissionItemId`	Input	Integer	The permission item's unique identifier

Return Value

Type	Description
`KalturaPermissionItem`	The retrieved permission item object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.4.3 updateAction

Updates an existing permission item object.

```
public function updateAction($permissionItemId, KalturaPermissionItem $permissionItem)
```

Remarks

This action is available only to Kaltura system administrators.

Parameters

Name	Input/Output	Type	Description
`permissionItemId`	Input	Integer	The permission item's unique identifier
`permissionItem`	Input	`KalturaPermissionItem`	The updated permission item

Return Value

Type	Description
`KalturaPermissionItem`	The updated permission item object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.4.4 deleteAction

Deletes an existing permission item object.

```
public function deleteAction($permissionItemId)
```

Remarks

This action is available only to Kaltura system administrators.

Parameters

Name	Input/Output	Type	Description
`permissionItemId`	Input	Integer	The permission item's unique identifier

Return Value

Type	Description
`KalturaPermissionItem`	The deleted permission item object

Errors

Name	Description
INVALID_OBJECT_ID	The object identifier is not valid.

4.4.5 listAction

Lists permission item objects that are associated with an account.

```
public function listAction(KalturaPermissionItemFilter  $filter = null,
KalturaFilterPager $pager = null)
```

Parameters

Name	Input/Output	Type	Description
`filter`	Input (Optional)	`KalturaPermissionItemFilter`	A filter used to exclude specific types of permission items
`pager`	Input (Optional)	`KalturaFilterPager`	A limit for the number of records to display on a page

Return Value

Type	Description
`KalturaPremissionItemListResponse`	The list of permission item objects

5 ADDING A USER

5.1 USE CASE

To add a user to a partner account:

1. Log on to the Kaltura system.
2. A KS is generated to identify and authenticate the user.
3. Send the following API request to the server: `UserService->addAction`
    - Specify the user parameters as a `KalturaUser` object.
4. The server processes the API request and returns the new user object.

5.2 SAMPLE CODE

```
/** Include the KalturaClient class */
require_once('KalturaClient.php');

/** Initiate a new KalturaClient object with the partner details */
$partnerId = <PARTNER_ID_HERE>; // replace with your partner ID
$config = new KalturaConfiguration($partnerId);
$config->serviceUrl = 'http://www.kaltura.com/'; // set serviceUrl if different
$client = new KalturaClient($config);

/** Set user login variables and call user->loginByLoginId action */
$loginId = '<USER_LOGIN_EMAIL_HERE>';     // replace with user's login email
$password = '<USER_LOGIN_PASSWORD_HERE>'; // replace with user's login password
$ks = $client->user->loginByLoginId($loginId, $password, $partnerId);

/** Set the client to use the KS that is returned */
$client->setKs($ks);

/** Create a new KalturaUser object to be added */
$newUser = new KalturaUser();
$newUser->id = 'NEW_USER_ID';
```

```
$newUser->firstName = 'first name';
$newUser->lastName = 'last name';
$newUser->email = 'new_user@kaltura.com';
$newUser->isAdmin = true;
$newUser->roleIds = 30; // must match an existing user role ID

/** Call the user->add action with the new user object */
$addedUser = $client->user->add($newUser);
```

6 Creating a New Role Based on an Existing Role

6.1 Use Case

To create a new role from an existing role:

1. Log on to the Kaltura system.
2. A KS is generated to identify and authenticate the user.
3. Send the following API request to the server: UserRoleService->cloneAction
    - Specify the user role to copy.
4. The server processes the API request and returns the duplicate user role object.

6.2 Sample Code

```
/** Include the KalturaClient class */
require_once('KalturaClient.php');

/** Initiate a new KalturaClient object with the partner details */
$partnerId = <PARTNER_ID_HERE>; // replace with your partner ID
$config = new KalturaConfiguration($partnerId);
$config->serviceUrl = 'http://www.kaltura.com/'; // set serviceUrl if different
$client = new KalturaClient($config);

/** Set user login variables and call user->loginByLoginId action */
$loginId = '<USER LOGIN EMAIL HERE>';     // replace with user's login email
$password = '<USER_LOGIN_PASSWORD_HERE>'; // replace with user's login password
$ks = $client->user->loginByLoginId($loginId, $password, $partnerId);

/** Set the client to use the KS that is returned */
$client->setKs($ks);

/** Set the original user role ID*/
$originalRoleId = <ORIGINAL_USER_ROLE_ID>; // must match an existing user role ID
```

```
/** Call the userRole->clone action */
$duplicatedRole = $client->userRole->cloneAction($originalRoleId);
```

7 MODIFYING A PERMISSION

7.1 USE CASE

To modify a permission:

1. Log on to the Kaltura system.
2. A KS is generated to identify and authenticate the user.
3. Send the following API request to the server: PermissionService->updateAction
    - Specify the following:
        - The current permission name
        - The properties to update as a `KalturaPermission` object
4. The server processes the API request and returns the updated permission object.

7.2 SAMPLE CODE

```
/** Include the KalturaClient class */
require_once('KalturaClient.php');

/** Initiate a new KalturaClient object with the partner details */
$partnerId = <PARTNER ID HERE>; // replace with your partner ID
$config = new KalturaConfiguration($partnerId);
$config->serviceUrl = 'http://www.kaltura.com/'; // set serviceUrl if different
$client = new KalturaClient($config);

/** Set user login variables and call user->loginByLoginId action */
$loginId = '<USER LOGIN EMAIL HERE>';     // replace with user's login email
$password = '<USER_LOGIN_PASSWORD_HERE>'; // replace with user's login password
$ks = $client->user->loginByLoginId($loginId, $password, $partnerId);

/** Set the client to use the KS that is returned */
```

```
$client->setKs($ks);

/** Set the existing permission's name */
$permissionName = '<PERMISSION_NAME_HERE>'; // must match an existing permission name

/** Set a KalturaPermission object with the required parameters to update */
$updatePermission = new KalturaPermission();
$updatePermission->name = 'NEW_PERMISSION_NAME';
$updatePermission->permissionItemsIds = '<LIST_OF_PERMISSION_ITEM_IDS>'; // must match existing permission item IDs

/** Call the permission->update action */
$updatedPermission = $client->permission->update($permissionName, $updatePermission);
```

8 LISTING AN ACCOUNT'S PERMISSION ITEMS

8.1 USE CASE

To list the permission items that are associated with an account:

1. Log on to the Kaltura system.
2. A KS is generated to identify and authenticate the user.
3. Send the following API request to the server: PermissionItemService->listAction
    - You may specify:
        - A filter
        - A limit on the number of records to display on a page
4. The server processes the API request and returns the list of permission item objects.

8.2 SAMPLE CODE

```
/** Include the KalturaClient class */
require_once('KalturaClient.php');

/** Initiate a new KalturaClient object with the partner details */
$partnerId = <PARTNER_ID_HERE>; // replace with your partner ID
$config = new KalturaConfiguration($partnerId);
$config->serviceUrl = 'http://www.kaltura.com/'; // set serviceUrl if different
$client = new KalturaClient($config);

/** Set user login variables and call user->loginByLoginId action */
$loginId = '<USER_LOGIN_EMAIL_HERE>';     // replace with user's login email
$password = '<USER_LOGIN_PASSWORD_HERE>'; // replace with user's login password
$ks = $client->user->loginByLoginId($loginId, $password, $partnerId);

/** Set the client to use the KS that is returned */
```

```
$client->setKs($ks);

/** Set a KalturaPermissionItemFilter object - optional */
$filter = new KalturaPermissionItemFilter();
$filter->typeIn = KalturaPermissionItemType::API_ACTION_ITEM; // example of listing only action permission items

/** Set a KalturaFilterPager object - optional */
$pager = new KalturaFilterPager();
$pager->pageIndex = 1; // get only page 1
$pager->pageSize = 20; // page size must be 20

/** Call the permissionItem->list action */
$permissionItemList = $client->permissionItem->listAction($filter, $pager);
```

9 APPLYING A ROLE TO A USER

9.1 USE CASE

To apply a role to a user:

1. Log on to the Kaltura system.
2. A KS is generated to identify and authenticate the user.
3. Send the following API request to the server: UserService->updateAction
    - Specify the following:
        - The user role ID
        - A `KalturaUser` object with a parameter that specifies the new user role identifier
4. The server processes the API request and returns the user role object.

9.2 SAMPLE CODE

```
/** Include the KalturaClient class */
require_once('KalturaClient.php');

/** Initiate a new KalturaClient object with the partner details */
$partnerId = <PARTNER ID HERE>; // replace with your partner ID
$config = new KalturaConfiguration($partnerId);
$config->serviceUrl = 'http://www.kaltura.com/'; // set serviceUrl if different
$client = new KalturaClient($config);

/** Set user login variables and call user->loginByLoginId action */
$loginId = '<USER LOGIN EMAIL HERE>';     // replace with user's login email
$password = '<USER_LOGIN_PASSWORD_HERE>'; // replace with user's login password
$ks = $client->user->loginByLoginId($loginId, $password, $partnerId);

/** Set the client to use the KS that is returned */
```

```
$client->setKs($ks);

/** Set the existing user's ID */
$userId = 'user_id'; // must match an existing user ID

/** Create a new KalturaUser object and set the roleIds parameter to the required user role ID */
$updateUser = new KalturaUser();
$updateUser->roleIds = '<NEW_ROLE_ID_HERE>'; // must match an existing user role ID

/** Call the user->update action */
$updatedUser = $client->user->update($userId, $updateUser);
```

10 UNDERSTANDING SERVER DATA FLOWS

This section describes the basic data flow of the Kaltura server for users, roles, and permissions.

1. A user logs into the system using a unique email and password or the account's user/admin secret.
2. A successful login request generates a KS string that is returned to the user. The KS holds elements that identify the user, such as `partnerId`, `userId`, and `sessionType`.
3. The user uses the KS to issue an API request.
4. The server receives the API request for a specific service and action.
5. The server decodes the KS, identifies the user, and checks for the role associated with the user.
6. The server checks for the permissions contained in the user's role.
7. The server checks for the permission items contained in the user's permissions.
8. The server grants access to the requested service and action only if a suitable permission item is found for the user.
9. A request to insert or update a new object property that requires special permission succeeds only if the user has the insert or update permission for the property. The request fails if the user does not have the permission.
10. The response includes an object property that requires special permission only if the user has the permission item that allows reading the property.

11 UNDERSTANDING APPLICATION DATA FLOWS

11.1 KMC

This section describes the basic data flow of the KMC for users, roles, and permissions.

1. A user logs into the KMC.
2. Using an API request, the KMC requests a list of permissions associated with the user from the server.
3. The KMC displays and hides specific UI objects according to the user's permissions.

11.2 ADMIN CONSOLE

This section describes the basic data flow of the Admin Console for users, roles, and permissions.

1. A user logs into the Admin Console.
2. Using an API request, the Admin Console requests a list of permissions associated with the user from the server.
3. According to the user's permissions, the Admin Console:
    - Displays and hides specific UI objects
    - Enables and blocks Admin Console actions

11.3 KALTURA MEDIASPACE

TBD

12 APPENDIX A: SYSTEM DEFAULTS

This section describes the system defaults for:

Mapping Roles to Permission Names

Mapping Permission Names to Permission Items

12.1 MAPPING ROLES TO PERMISSION NAMES

Understanding Default Roles defines the default roles.

The other sections list the roles and permissions included in each default role.

12.1.1 Understanding Default Roles

The Kaltura system provides the following types of default roles:

- Partner (0) Roles
  Every partner may use the roles but cannot edit them.
- Template Partner (99) Roles
  The roles are copied to every partner when the partner is created. Every partner may use and edit the roles.
- Admin Console Partner (-2) Roles
  Only an Admin Console partner may use and edit the roles.

12.1.2 Partner (0) Roles

Role	Permissions
Basic User Session Role	BASE_USER_SESSION_PERMISSION
Publisher Administrator	All permissions allowed for the current partner.

12.1.3 Template Partner (99) Roles

Role	Permissions
Manager	KMC_ACCESS

Role	Permissions
	KMC_READ_ONLY
	CONTENT_INGEST_UPLOAD
	CONTENT_INGEST_BULK_UPLOAD
	CONTENT_INGEST_FEED
	CONTENT_MANAGE_DISTRIBUTION_BASE
	CONTENT_MANAGE_DISTRIBUTION_WHERE
	CONTENT_MANAGE_DISTRIBUTION_SEND
	CONTENT_MANAGE_DISTRIBUTION_REMOVE
	CONTENT_MANAGE_DISTRIBUTION_PROFILE_MODIFY
	CONTENT_MANAGE_VIRUS_SCAN
	CONTENT_MANAGE_MIX
	CONTENT_MANAGE_BASE
	CONTENT_MANAGE_METADATA
	CONTENT_MANAGE_ASSIGN_CATEGORIES
	CONTENT_MANAGE_THUMBNAIL
	CONTENT_MANAGE_SCHEDULE
	CONTENT_MANAGE_ACCESS_CONTROL
	CONTENT_MANAGE_CUSTOM_DATA
	CONTENT_MANAGE_DELETE
	CONTENT_MANAGE_RECONVERT
	CONTENT_MANAGE_EDIT_CATEGORIES
	CONTENT_MANAGE_ANNOTATION
	CONTENT_MANAGE_SHARE
	CONTENT_MANAGE_DOWNLOAD
	LIVE_STREAM_ADD
	LIVE_STREAM_UPDATE
	CONTENT_MODERATE_BASE
	CONTENT_MODERATE_METADATA
	CONTENT_MODERATE_CUSTOM_DATA

Role	Permissions
	CONTENT_MODERATE_APPROVE_REJECT PLAYLIST_BASE PLAYLIST_ADD PLAYLIST_UPDATE PLAYLIST_DELETE SYNDICATION_BASE SYNDICATION_ADD SYNDICATION_UPDATE SYNDICATION_DELETE STUDIO_BASE STUDIO_ADD_UICONF STUDIO_UPDATE_UICONF STUDIO_DELETE_UICONF ACCOUNT_BASE INTEGRATION_BASE ACCESS_CONTROL_BASE ACCESS_CONTROL_ADD ACCESS_CONTROL_UPDATE ACCESS_CONTROL_DELETE TRANSCODING_BASE TRANSCODING_ADD TRANSCODING_UPDATE TRANSCODING_DELETE CUSTOM_DATA_PROFILE_BASE CUSTOM_DATA_PROFILE_ADD CUSTOM_DATA_PROFILE_UPDATE CUSTOM_DATA_PROFILE_DELETE CUSTOM_DATA_FIELD_ADD CUSTOM_DATA_FIELD_UPDATE

Role	Permissions
	CUSTOM_DATA_FIELD_DELETE ANALYTICS_BASE WIDGET_ADMIN SEARCH_SERVICE ANALYTICS_SEND_DATA AUDIT_TRAIL_BASE AUDIT_TRAIL_ADD ADVERTISING_BASE ADVERTISING_UPDATE_SETTINGS PLAYLIST_EMBED_CODE STUDIO_BRAND_UICONF STUDIO_SELECT_CONTENT CONTENT_MANAGE_EMBED_CODE PLAYLIST_EMBED_CODE
Content Uploader	KMC_ACCESS KMC_READ_ONLY CONTENT_INGEST_UPLOAD CONTENT_INGEST_BULK_UPLOAD CONTENT_MANAGE_BASE
Content Moderator	KMC_ACCESS KMC_READ_ONLY CONTENT_MODERATE_APPROVE_REJECT CONTENT_MODERATE_BASE CONTENT_MODERATE_METADATA CONTENT_MODERATE_CUSTOM_DATA
Player Designer	KMC_ACCESS KMC_READ_ONLY STUDIO_BASE

Role	Permissions
	STUDIO_ADD_UICONF STUDIO_UPDATE_UICONF STUDIO_DELETE_UICONF STUDIO_BRAND_UICONF

12.1.4 Admin Console Partner (-2) Roles

Role	Permissions
System Administrator	All
Support Manager	SYSTEM_ADMIN_BASE SYSTEM_ADMIN_PUBLISHER_BASE SYSTEM_ADMIN_PUBLISHER_KMC_ACCESS SYSTEM_ADMIN_PUBLISHER_CONFIG SYSTEM_ADMIN_PUBLISHER_BLOCK SYSTEM_ADMIN_PUBLISHER_ADD SYSTEM_ADMIN_PUBLISHER_USAGE SYSTEM_ADMIN_DEVELOPERS_TAB SYSTEM_ADMIN_BATCH_CONTROL SYSTEM_ADMIN_CONTENT_DISTRIBUTION_BASE SYSTEM_ADMIN_CONTENT_DISTRIBUTION_MODIFY
Publishers Administrator	SYSTEM_ADMIN_BASE SYSTEM_ADMIN_PUBLISHER_BASE SYSTEM_ADMIN_PUBLISHER_KMC_ACCESS SYSTEM_ADMIN_PUBLISHER_CONFIG SYSTEM_ADMIN_PUBLISHER_BLOCK SYSTEM_ADMIN_PUBLISHER_ADD SYSTEM_ADMIN_PUBLISHER_USAGE SYSTEM_ADMIN_DEVELOPERS_TAB

Role	Permissions
Guest	SYSTEM_ADMIN_BASE

12.2 MAPPING PERMISSION NAMES TO PERMISSION ITEMS

This section lists:

- Permission name (section title)
- Partner identifier
- Permission Items

A permission item may be:

- An API action, which includes a service and action
- An API parameter, which includes an object and property

12.2.1 CUSTOM_DATA_FIELD_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	delete
	update

12.2.2 CUSTOM_DATA_FIELD_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	update

12.2.3 CUSTOM_DATA_FIELD_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	add
	update

12.2.4 KMC_READ_ONLY

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
metadata_metadata	list
contentdistribution_distributionprofile	list
contentdistribution_entrydistribution	list
uiconf	list
	listtemplates
user	get
partner	getinfo
	getusage
playlist	list
mixing	getmixesbymediaid
baseentry	list
	get
	getcontextdata
report	getgraphs

Service	Actions
flavorparams	list
flavorasset	getbyentryid
	getwebplayablebyentryid
	getflavorassetswithparams
thumbasset	getbyentryid
accesscontrol	list
category	list
userrole	get
permission	list

12.2.5 KMC_ACCESS

Partner ID

0

12.2.6 AUDIT_TRAIL_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
audit_audittrail	add

12.2.7 AUDIT_TRAIL_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
audit_audittrail	list
	get

12.2.8 ANALYTICS_SEND_DATA

Partner ID

0

Permission Items: API Actions

Service	Actions
stats	collect
	kmccollect
	reportkceerror

12.2.9 SEARCH_SERVICE

Partner ID

0

Permission Items: API Actions

Service	Actions
search	search
	getmediainfo
	searchurl
	externallogin

12.2.10 WIDGET_ADMIN

Partner ID

0

Permission Items: API Actions

Service	Actions
widget	add
	clone
	get
	update
	list

12.2.11 ANALYTICS_SEND_DATA

Partner ID

0

12.2.12 WIDGET_ADMIN

Partner ID

0

12.2.13 ANALYTICS_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
report	getgraphs
	gettotal

Service	Actions
	gettable
	geturlforreportascsv
category	list

12.2.14 ADMIN_WHITE_BRANDING

Partner ID

0

12.2.15 ADMIN_PUBLISHER_MANAGE

Partner ID

0

12.2.16 ADMIN_ROLE_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
userrole	delete

12.2.17 ADMIN_ROLE_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
userrole	add
	clone

12.2.18 ADMIN_ROLE_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
userrole	update

12.2.19 ADMIN_USER_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
user	delete

12.2.20 ADMIN_USER_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
user	add

12.2.21 ADMIN_USER_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
user	update
	updatelogindata
	enablelogin
	disablelogin

12.2.22 ADMIN_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
user	get
	list
	notifyban
	getbyloginid
partner	getinfo
userrole	get

Service	Actions
	list
permission	get
	list
permissionitem	get
	list
uiconf	getavailabletypes

12.2.23 CUSTOM_DATA_PROFILE_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	delete

12.2.24 CUSTOM_DATA_PROFILE_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	update
	updatedefinitionfromfile
	updateviewsfromfile
	revert

12.2.25 CUSTOM_DATA_PROFILE_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	add
	addfromfile

12.2.26 CUSTOM_DATA_PROFILE_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
	get
	listfields

12.2.27 TRANSCODING_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
conversionprofile	delete
flavorparams	delete

12.2.28 TRANSCODING_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
conversionprofile	update
	addflavorparams
	removeflavorparams
flavorparams	update

12.2.29 TRANSCODING_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
conversionprofile	add
flavorparams	add

12.2.30 TRANSCODING_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
conversionprofile	get
	list
flavorparams	get
	list
	getbyconversionprofileid
	getdefault
thumbparams	list

12.2.31 ACCESS_CONTROL_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
accesscontrol	delete

12.2.32 ACCESS_CONTROL_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
accesscontrol	update

12.2.33 ACCESS_CONTROL_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
accesscontrol	add

12.2.34 ACCESS_CONTROL_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
accesscontrol	get
	list

12.2.35 INTEGRATION_UPDATE_SETTINGS

Partner ID

0

Permission Items: API Actions

Service	Actions
partner	update

12.2.36 INTEGRATION_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
partner	getinfo

Permission Items: API Parameters

Object	Properties
KalturaPartner	secret adminSecret

12.2.37 ACCOUNT_UPDATE_SETTINGS

Partner ID

0

Permission Items: API Actions

Service	Actions
partner	update

12.2.38 ACCOUNT_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
user	list
partner	getinfo
	getusage
userrole	list

12.2.39 ADVERTISING_UPDATE_SETTINGS

Partner ID

0

12.2.40 ADVERTISING_BASE

Partner ID

0

12.2.41 STUDIO_SELECT_CONTENT

Partner ID

0

Permission Items: API Actions

Service	Actions
playlist	list

12.2.42 STUDIO_BRAND_UICONF

Partner ID

0

12.2.43 STUDIO_DELETE_UICONF

Partner ID

0

Permission Items: API Actions

Service	Actions
uiconf	delete

12.2.44 STUDIO_UPDATE_UICONF

Partner ID

0

Permission Items: API Actions

Service	Actions
uiconf	update

12.2.45 STUDIO_ADD_UICONF

Partner ID

0

Permission Items: API Actions

Service	Actions
uiconf	add
	clone

12.2.46 STUDIO_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
uiconf	get
	list
	listtemplates

12.2.47 SYNDICATION_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
syndicationfeed	delete

12.2.48 SYNDICATION_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
syndicationfeed	update

12.2.49 SYNDICATION_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
syndicationfeed	add

12.2.50 SYNDICATION_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
syndicationfeed	get
	list
	getentrycount
	requestconversion

12.2.51 PLAYLIST_EMBED_CODE

Partner ID

0

12.2.52 PLAYLIST_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
playlist	delete

12.2.53 PLAYLIST_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
playlist	update
media	list
mixing	list
data	list
baseentry	list

12.2.54 PLAYLIST_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
playlist	add
media	list
mixing	list
data	list

Service	Actions
baseentry	list

12.2.55 PLAYLIST_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
playlist	get
	list
	execute
	executefromcontent
	executefromfilters
	getstatsfromcontent
media	list
mixing	list
data	list
baseentry	list

12.2.56 CONTENT_MODERATE_APPROVE_REJECT

Partner ID

0

Permission Items: API Actions

Service	Actions
media	reject
	approve
baseentry	reject
	approve

12.2.57 CONTENT_MODERATE_CUSTOM_DATA

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadata	add
	addfromfile
	addfromurl
	delete
	update
	updatefromfile

12.2.58 CONTENT_MODERATE_METADATA

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	update

Service	Actions
media	update
	anonymousrank
mixing	anonymousrank
data	update
baseentry	update
	anonymousrank
document	update

Permission Items: API Parameters

Object	Properties
KalturaBaseEntry	name tags description

12.2.59 CONTENT_MODERATE_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
contentdistribution_distributionprofile	list
playlist	list
media	list
	flag

Service	Actions
	listflags
livestream	list
mixing	list
data	list
baseentry	list
	count
	flag
	listflags
conversionprofile	list
flavorparams	list
category	list

12.2.60 LIVE_STREAM_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
livestream	update
baseentry	update

12.2.61 LIVE_STREAM_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
livestream	add

12.2.62 CONTENT_MANAGE_SHARE

Partner ID

0

12.2.63 CONTENT_MANAGE_ANNOTATION

Partner ID

0

Permission Items: API Actions

Service	Actions
annotation_annotation	update
	delete
	list
	add
	get

12.2.64 CONTENT_MANAGE_DOWNLOAD

Partner ID

0

Permission Items: API Actions

Service	Actions
flavorasset	getdownloadurl

Service	Actions
xinternal	xaddbulkdownload

12.2.65 CONTENT_MANAGE_VIRUS_SCAN

Partner ID

0

12.2.66 CONTENT_MANAGE_DISTRIBUTION_PROFILE_MODIFY

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
	listfields
contentdistribution_distributionprofile	add
	update
	updatestatus
	delete
flavorparams	list

12.2.67 CONTENT_MANAGE_DISTRIBUTION_REMOVE

Partner ID

0

Permission Items: API Actions

Service	Actions
contentdistribution_entrydistribution	submitdelete

12.2.68 CONTENT_MANAGE_DISTRIBUTION_SEND

Partner ID

0

Permission Items: API Actions

Service	Actions
contentdistribution_entrydistribution	submitadd
	submitupdate
	submitfetchreport
	retrysubmit

12.2.69 CONTENT_MANAGE_ASSIGN_CATEGORIES

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	update
media	update
data	update
baseentry	update
category	get
	list

Service	Actions
document	update

Permission Items: API Parameters

Object	Properties
KalturaBaseEntry	categories categoriesIds categoriesIds

12.2.70 CONTENT_MANAGE_THUMBNAIL

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	update
media	update
	updatethumbnail
	updatethumbnailjpeg
	updatethumbnailfromurl
	updatethumbnailfromsourceentry
livestream	updateofflinethumbnailjpeg
	updateofflinethumbnailfromurl
data	update
baseentry	update
	updatethumbnailjpeg

Service	Actions
	updatethumbnailfromurl
	updatethumbnailfromsourceentry
thumbparams	add
	get
	update
	delete
	list
	getbyconversionprofileid
	getdefault
thumbasset	get
	getbyentryid
	servebyentryid
	serve
	setasdefault
	generatebyentryid
	generate
	regenerate
	addfromurl
	addfromimage
	delete
	deletebyentryid
	list
document	update

12.2.71 CONTENT_MANAGE_SCHEDULE

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	update
media	update
data	update
baseentry	update
document	update

Permission Items: API Parameters

Object	Properties
KalturaBaseEntry	startDate endDate

12.2.72 CONTENT_MANAGE_ACCESS_CONTROL

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	update
media	update
data	update
baseentry	update

Service	Actions
document	update

Permission Items: API Parameters

Object	Properties
KalturaBaseEntry	accessControlId

12.2.73 CONTENT_MANAGE_CUSTOM_DATA

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadata	list
	add
	addfromfile
	addfromurl
	delete
	update
	updatefromfile

12.2.74 CONTENT_MANAGE_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	delete
media	delete
livestream	delete
mixing	delete
data	delete
baseentry	delete
flavorasset	delete
document	delete

12.2.75 CONTENT_MANAGE_RECONVERT

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	convert
	convertppttoswf
media	convert
	requestconversion
mixing	requestflattening
flavorasset	convert
	reconvert
syndicationfeed	requestconversion
document	convertppttoswf

12.2.76 CONTENT_MANAGE_EDIT_CATEGORIES

Partner ID

0

Permission Items: API Actions

Service	Actions
category	add
	get
	update
	delete

12.2.77 CONTENT_MANAGE_EMBED_CODE

Partner ID

0

Permission Items: API Actions

Service	Actions
shortlink_shortlink	list
	add
	update

12.2.78 CONTENT_MANAGE_DISTRIBUTION_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
contentdistribution_distributionprovider	list
contentdistribution_distributionprofile	get
	list
	listbypartner
contentdistribution_entrydistribution	get
	list
	validate
	servereturneddata
	servesentdata

12.2.79 CONTENT_MANAGE_DISTRIBUTION_WHERE

Partner ID

0

Permission Items: API Actions

Service	Actions
contentdistribution_entrydistribution	add
	update
	delete

12.2.80 SYSTEM_ADMIN_USER_MANAGE

Partner ID

-2

12.2.81 SYSTEM_ADMIN_PUBLISHER_USAGE

Partner ID

-2

Permission Items: API Actions

Service	Actions
systempartner_systempartner	getusage

12.2.82 SYSTEM_ADMIN_PUBLISHER_ADD

Partner ID

-2

12.2.83 SYSTEM_ADMIN_PUBLISHER_REMOVE

Partner ID

-2

Permission Items: API Actions

Service	Actions
systempartner_systempartner	updatestatus

12.2.84 SYSTEM_ADMIN_PUBLISHER_BLOCK

Partner ID

-2

Permission Items: API Actions

Service	Actions
systempartner_systempartner	updatestatus

12.2.85 SYSTEM_ADMIN_PUBLISHER_CONFIG

Partner ID

-2

Permission Items: API Actions

Service	Actions
systempartner_systempartner	updatestatus
	updateconfiguration

12.2.86 SYSTEM_ADMIN_PUBLISHER_KMC_ACCESS

Partner ID

-2

Permission Items: API Actions

Service	Actions
systempartner_systempartner	getadminsession

12.2.87 SYSTEM_ADMIN_PUBLISHER_BASE

Partner ID

-2

Permission Items: API Actions

Service	Actions
systempartner_systempartner	get
	list
	getconfiguration
	getpackages

12.2.88 SYSTEM_ADMIN_BASE

Partner ID

-2

Permission Items: API Actions

Service	Actions
session	impersonate
user	list
	getbyloginid

12.2.89 CONTENT_MANAGE_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
metadata_metadata	list
	get
document_documents	get
	list
	serve
	servebyflavorparamsid
media	get
	list
	count

Service	Actions
livestream	get
	list
mixing	get
	list
	count
	getmixesbymediaid
	getreadymediaentries
data	get
	list
	serve
baseentry	list
	count
	get
	getcontextdata
	getbyids
notification	getclientnotification
conversionprofile	list
flavorparams	list
flavorasset	get
	getbyentryid
	getwebplayablebyentryid
	getflavorassetswithparams
	list
category	get

Service	Actions
	list
document	get
	list
	serve
	servebyflavorparamsid

Permission Items: API Parameters

Object	Properties
KalturaLiveStreamAdminEntry	*

12.2.90 CONTENT_MANAGE_METADATA

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	update
media	update
data	update
baseentry	update
document	update

Permission Items: API Parameters

Object	Properties
KalturaBaseEntry	name tags description

12.2.91 CONTENT_INGEST_FEED

Partner ID

0

12.2.92 CONTENT_MANAGE_MIX

Partner ID

0

Permission Items: API Actions

Service	Actions
mixing	add
	update
	clone
	appendmediaentry
	requestflattening
	getmixesbymediaid
	getreadymediaentries

12.2.93 CONTENT_INGEST_UPLOAD

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	addfromuploadedfile
	addfromentry
	addfromflavorasset
	upload
media	addfromurl
	addfromsearchresult
	addfromuploadedfile
	addfromrecordedwebcam
	addfromentry
	addfromflavorasset
	upload
data	add
baseentry	addfromuploadedfile
	upload
conversionprofile	list
upload	upload
	getuploadedfiletokenbyfilename
uploadtoken	add
	get
	upload
	list
	delete
document	addfromuploadedfile

Service	Actions
	upload

12.2.94 CONTENT_INGEST_BULK_UPLOAD

Partner ID

0

Permission Items: API Actions

Service	Actions
bulkupload	add
	get
	delete
	list
conversionprofile	list

12.2.95 ALWAYS_ALLOWED_ACTIONS

Partner ID

0

Permission Items: API Actions

Service	Actions
document_documents	serve
	servebyflavorparamsid
shortlink_shortlink	goto
session	start
	startwidgetsession

Service	Actions
	end
	impersonate
uiconf	get
user	login
	loginbyloginid
	updatelogindata
	resetpassword
	setinitialpassword
widget	get
partner	register
	getsecrets
adminuser	updatepassword
	resetpassword
	login
	setinitialpassword
search	search
	getmediainfo
	searchurl
	externallogin
playlist	execute
media	flag
baseentry	flag
stats	collect
	kmccollect

Service	Actions
	reportkceerror
system	ping
thumbasset	servebyentryid
	serve
permission	getcurrentpermissions
document	serve
	servebyflavorparamsid

12.2.96 BATCH_BASE

Partner ID

-1

Permission Items: API Actions

Service	Actions
metadata_metadata	update
media	addfromuploadedfile
	upload
	addfrombulk
baseentry	addfromuploadedfile
jobs	abortmail
	abortbulkupload
	abortconvertcollection
	abortprovisionprovide
	abortprovisiondelete
	abortconvert

Service	Actions
	abortpostconvert
	abortextractmedia
	abortstorageexport
	abortstoragedelete
	abortimport
	abortpull
	abortnotification
	abortconvertprofile
	abortremoteconvert
	deletemail
	deletebulkupload
	deleteconvertcollection
	deleteprovisionprovide
	deleteprovisiondelete
	deleteconvert
	deletepostconvert
	deleteextractmedia
	deletestorageexport
	deletestoragedelete
	deleteimport
	deletepull
	deletenotification
	deleteconvertprofile
	deleteremoteconvert

Service	Actions
	retrymail
	retrybulkupload
	retryconvertcollection
	retryprovisionprovide
	retryprovisiondelete
	retryconvert
	retrypostconvert
	retryextractmedia
	retrystorageexport
	retrystoragedelete
	retryimport
	retrypull
	retrynotification
	retryconvertprofile
	retryremoteconvert
	getpullstatus
	getimportstatus
	getpostconvertstatus
	getextractmediastatus
	getstorageexportstatus
	getstoragedeletestatus
	getbulkuploadstatus
	getconvertcollectionstatus
	getprovisionprovidestatus

Service	Actions
	getprovisiondeletestatus
	getconvertstatus
	getnotificationstatus
	getconvertprofilestatus
	getremoteconvertstatus
	getmailstatus
batch	getqueuesize
	checkfileexists
	getexclusivepulljobs
	updateexclusivepulljob
	freeexclusivepulljob
	getexclusiveimportjobs
	updateexclusiveimportjob
	freeexclusiveimportjob
	cleanexclusivejobs
	addbulkuploadresult
	getbulkuploadlastresult
	updatebulkuploadresults
	addmediainfo
	getexclusivepostconvertjobs
	updateexclusivepostconvertjob
	freeexclusivepostconvertjob
	getexclusiveextractmediajobs
	updateexclusiveextractmediajob

Service	Actions
	freeexclusiveextractmediajob
	getexclusivestorageexportjobs
	getexclusivestoragedeletejobs
	updateexclusivestorageexportjob
	updateexclusivestoragedeletejob
	freeexclusivestorageexportjob
	freeexclusivestoragedeletejob
	getexclusivebulkuploadjobs
	getexclusiveconvertcollectionjobs
	getexclusiveprovisionprovidejobs
	getexclusiveprovisiondeletejobs
	updateexclusivebulkuploadjob
	updateexclusiveconvertcollectionjob
	updateexclusiveprovisionprovidejob
	updateexclusiveprovisiondeletejob
	freeexclusivebulkuploadjob
	freeexclusiveconvertcollectionjob
	freeexclusiveprovisionprovidejob
	freeexclusiveprovisiondeletejob
	getexclusiveconvertjobs
	updateexclusiveconvertjob
	freeexclusiveconvertjob
	getexclusivenotificationjobs
	updateexclusivenotificationjob

Service	Actions
	freeexclusivenotificationjob
	getexclusivemailjobs
	updateexclusivemailjob
	freeexclusivemailjob
	freeexclusiveconvertprofilejob
	freeexclusiveremoteconvertjob
	getexclusivebulkdownloadjobs
	updateexclusivebulkdownloadjob
	freeexclusivebulkdownloadjob
	getexclusivecapturethumbjobs
	updateexclusivecapturethumbjob
	freeexclusivecapturethumbjob
	logconversion
	resetjobexecutionattempts
	updateexclusiveconvertjobsubtype
	updateexclusiveconvertprofilejob
	getexclusivealmostdoneconvertjobs
	getexclusivealmostdoneconvertprofilejobs
	getexclusivealmostdonebulkuploadjobs
	getexclusivealmostdoneconvertcollectionjobs
	getexclusivealmostdoneprovisionprovidejobs
	getexclusivealmostdoneprovisiondeletejobs
	getexclusivealmostdoneremoteconvertjobs
	getexclusivealmostdonebulkdownloadjobs

Service	Actions
batchcontrol	configloaded
	reportstatus
	getcommand
	setcommandresult
	getfullstatus
emailingestionprofile	getbyemailaddress
	addmediaentry
filesync_filesync	sync
metadata_metadatabatch	getexclusiveimportmetadatajobs
	updateexclusiveimportmetadatajob
	freeexclusiveimportmetadatajob
	getexclusivetransformmetadatajobs
	updateexclusivetransformmetadatajob
	freeexclusivetransformmetadatajob
	gettransformmetadataobjects
	upgrademetadataobjects
metadata_metadata	invalidate
multicenters_filesyncimportbatch	updateexclusivefilesyncimportjob
	freeexclusivefilesyncimportjob
	getexclusivefilesyncimportjobs
	getexclusivealmostdonefilesyncimportjobs
virusscan_virusscanbatch	updateexclusivevirusscanjob
	freeexclusivevirusscanjob
	getexclusivevirusscanjobs

Service	Actions
contentdistribution_contentdistributionbatch	getexclusivedistributionsubmitjobs
	updateexclusivedistributionsubmitjob
	freeexclusivedistributionsubmitjob
	getexclusivealmostdonedistributionsubmitjobs
	getexclusivedistributionupdatejobs
	updateexclusivedistributionupdatejob
	freeexclusivedistributionupdatejob
	getexclusivealmostdonedistributionupdatejobs
	getexclusivedistributiondeletejobs
	updateexclusivedistributiondeletejob
	freeexclusivedistributiondeletejob
	getexclusivealmostdonedistributiondeletejobs
	getexclusivedistributionfetchreportjobs
	updateexclusivedistributionfetchreportjob
	freeexclusivedistributionfetchreportjob
	getexclusivealmostdonedistributionfetchreportjobs
	createrequiredjobs
	updatesunstatus

12.2.97 BASE_USER_SESSION_PERMISSION

Partner ID

0

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
	get
	listfields
metadata_metadata	list
	add
	addfromfile
	addfromurl
	delete
	get
	update
	updatefromfile
document_documents	addfromuploadedfile
	convert
	addfromentry
	addfromflavorasset
	get
	update
	delete
	list
	upload
	convertppttoswf
	serve
	servebyflavorparamsid

Service	Actions
annotation_annotation	update
	delete
	list
	add
	get
shortlink_shortlink	get
	list
	goto
session	start
	startwidgetsession
	end
	impersonate
uiconf	get
	list
user	login
	loginbyloginid
	updatelogindata
	resetpassword
	setinitialpassword
widget	add
	clone
	get
partner	register
	getsecrets

Service	Actions
adminuser	updatepassword
	resetpassword
	login
	setinitialpassword
search	search
	getmediainfo
	searchurl
	externallogin
playlist	get
	list
	execute
media	addfromurl
	addfromsearchresult
	addfromuploadedfile
	addfromrecordedwebcam
	get
	convert
	addfromentry
	addfromflavorasset
	update
	upload
	delete
	list
	count

Service	Actions
	updatethumbnail
	updatethumbnailjpeg
	updatethumbnailfromurl
	updatethumbnailfromsourceentry
	requestconversion
	flag
	anonymousrank
livestream	get
	list
	updateofflinethumbnailjpeg
	updateofflinethumbnailfromurl
mixing	add
	get
	update
	delete
	list
	count
	clone
	appendmediaentry
	requestflattening
	getmixesbymediaid
	getreadymediaentries
	anonymousrank
data	add

Service	Actions
	get
	update
	delete
	list
	serve
baseentry	addfromuploadedfile
	list
	count
	get
	getcontextdata
	update
	upload
	getbyids
	delete
	updatethumbnailjpeg
	updatethumbnailfromurl
	updatethumbnailfromsourceentry
	flag
	anonymousrank
stats	collect
	kmccollect
	reportkceerror
system	ping
notification	getclientnotification

Service	Actions
flavorasset	getbyentryid
	getwebplayablebyentryid
thumbasset	get
	getbyentryid
	servebyentryid
	serve
	generate
	addfromurl
	addfromimage
category	get
	list
upload	upload
	getuploadedfiletokenbyfilename
uploadtoken	add
	get
	upload
	list
	delete
permission	getcurrentpermissions
document	addfromuploadedfile
	get
	update
	delete
	list

Service	Actions
	upload
	convertpptoswf
	serve
	servebyflavorparamsid
thumbasset	list

Permission Items: API Parameters

Object	Properties
KalturaBaseEntry	categories categoriesIds name tags description

12.2.98 SYSTEM_ADMIN_SYSTEM_MONITOR

Partner ID

-2

12.2.99 SYSTEM_ADMIN_DEVELOPERS_TAB

Partner ID

-2

12.2.100 SYSTEM_ADMIN_BATCH_CONTROL

Partner ID

-2

Permission Items: API Actions

Service	Actions
jobs	addmailjob
	listbatchjobs
	abortjob
	retryjob
	deletejob
	addconvertprofilejob
batchcontrol	setscheduleconfig
	setworkerconfig
	stopschedule
	stopworker
	startworker
	kill
	getcommand
	setcommandresult
	getfullstatus
	listschedulers
	listworkers
	listcommands

12.2.101 SYSTEM_ADMIN_BATCH_CONTROL_INPROGRESS

Partner ID

-2

12.2.102 SYSTEM_ADMIN_BATCH_CONTROL_FAILED

Partner ID

-2

12.2.103 SYSTEM_ADMIN_BATCH_CONTROL_SETUP

Partner ID

-2

12.2.104 SYSTEM_ADMIN_STORAGE

Partner ID

-2

Permission Items: API Actions

Service	Actions
flavorparams	list
storageprofile_storageprofile	listbypartner
	updatestatus
	get
	update
	add

12.2.105 SYSTEM_ADMIN_VIRUS_SCAN

Partner ID

-2

Permission Items: API Actions

Service	Actions
virusscan_virusscanprofile	add

Service	Actions
	delete
	get
	list
	update
	scan

12.2.106 SYSTEM_ADMIN_EMAIL_INGESTION

Partner ID

-2

Permission Items: API Actions

Service	Actions
emailingestionprofile	add
	get
	update
	delete
	getbyemailaddress
	addmediaentry

12.2.107 SYSTEM_ADMIN_CONTENT_DISTRIBUTION_BASE

Partner ID

-2

Permission Items: API Actions

Service	Actions
contentdistribution_distributionprovider	list
contentdistribution_distributionprofile	get
	list
	listbypartner
contentdistribution_entrydistribution	list
contentdistribution_genericdistributionprovideraction	get
	list
	getbyproviderid
contentdistribution_genericdistributionprovider	get
	list

12.2.108 SYSTEM_ADMIN_CONTENT_DISTRIBUTION_MODIFY

Partner ID

-2

Permission Items: API Actions

Service	Actions
metadata_metadataprofile	list
	listfields
contentdistribution_distributionprofile	add
	update
	updatestatus
	delete

Service	Actions
flavorparams	list
contentdistribution_genericdistributionprovider	add
	update
	delete
contentdistribution_genericdistributionprovideraction	add
	addmrsstransform
	addmrsstransformfromfile
	addmrssvalidate
	addmrssvalidatefromfile
	addresultstransform
	addresultstransformfromfile
	update
	updatebyproviderid
	delete
	deletebyproviderid

12.2.109 SYSTEM_ADMIN_PERMISSIONS_MANAGE

Partner ID

-2

Permission Items: API Actions

Service	Actions
userrole	add
	delete
	get

Service	Actions
	list
	update
	clone
permission	add
	delete
	update
	get
	list
permissionitem	add
	delete
	update

12.2.110 SYSTEM_INTERNAL

Partner ID

-2

Permission Items: API Actions

Service	Actions
kalturainternaltools_kalturainternaltoolssystemhelper	fromsecurestring
	iptocountry
	getremoteaddress

12.2.111 SYSTEM_ADMIN_ENTRY_INVESTIGATION

Partner ID

-2

Permission Items: API Actions

Service	Actions
contentdistribution_entrydistribution	list
flavorparams	list
thumbparams	list
flavorasset	getbyentryid
	reconvert
thumbasset	getbyentryid
	regenerate
adminconsole_entryadmin	get
	gettracks
adminconsole_flavorparamsoutput	list
	list
adminconsole_mediainfo	list
filesync_filesync	list

12.2.112 SYSTEM_FILESYNC

Partner ID

-2

Permission Items: API Actions

Service	Actions
filesync_filesync	list

12.2.113 ADMIN_PERMISSION_ADD

Partner ID

0

Permission Items: API Actions

Service	Actions
permission	add

12.2.114 ADMIN_PERMISSION_UPDATE

Partner ID

0

Permission Items: API Actions

Service	Actions
permission	update

12.2.115 ADMIN_PERMISSION_DELETE

Partner ID

0

Permission Items: API Actions

Service	Actions
permission	delete

12.2.116 SHORT_LINK_BASE

Partner ID

0

Permission Items: API Actions

Service	Actions
shortlink_shortlink	get
	list
	add
	update
	delete

12.2.117 SHORT_LINK_MODIFY

Partner ID

0

Permission Items: API Actions

Service	Actions
shortlink_shortlink	add
	update
	delete