Alibaba Cloud
ApsaraVideo for Live

API Reference

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Generic conventions

Table -1: Style conventions

Style	Description	Example
⛔	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	⛔ **Danger:** Resetting will result in the loss of user configuration data.
⚠️	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	⚠️ **Warning:** Restarting will cause business interruption. About 10 minutes are required to restore business.
📋	This indicates warning information, supplementary instructions, and other content that the user must understand.	📋 **Note:** Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	📋 **Note:** You can use **Ctrl** + **A** to select all files.
>	Multi-level menu cascade.	**Settings** > **Network** > **Set network type**
Bold	It is used for buttons, menus, page names, and other UI elements.	Click **OK**.
`Courier font`	It is used for commands.	Run the `cd /d C:/windows` command to enter the Windows system folder.
Italics	It is used for parameters and variables.	`bae log list --instanceid` *`Instance_ID`*
[] or [a|b]	It indicates that it is a optional value, and only one item can be selected.	`ipconfig` *`[-all|-t]`*
{} or {a|b}	It indicates that it is a required value, and only one item can be selected.	`swich` *`{stand	slave}`*

Contents

1 API authentication rules

Introduction

Use RAM to give a subaccount access to its primary account's live video resources.

- You can activate the Live service through an Alibaba Cloud account and create a CDN domain name, then all the live functions and CDN domain names are held as resources of this account . By default, accounts have full operation permissions on their resources.

- If you want to use Alibaba Cloud Resource Access Management (RAM) service, you can grant RAM sub-users the permission to access and manage the resources under your Alibaba Cloud account.

- Read Set subaccounts to log on to the ApsaraVideo Live console by using RAM set carefully before learning how to use RAM to grant authorization and access to live service.

- If you do not need to use RAM, skip this section.

Authentication rules

When a subaccount uses live service APIs to access live resources of primary account, the live service background performs RAM access examination to make sure the resource owner grants the caller the relavant access to relevant resources.

Each differrent liver service API determines the permissions of which resources are to be examined according to the involved resources and the meaning of API. The authentication rules of each API are listed as follows.

Action-name	Resource
`DescribeLiveStreamsPublishList`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamsOnlineList`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamsBlockList`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamsControlHistory`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamOnlineUserNum`	acs:cdn:*:$accountid:domain/$domainName
`ForbidLiveStream`	acs:cdn:*:$accountid:domain/$domainName
`ResumeLiveStream`	acs:cdn:*:$accountid:domain/$domainName
`SetLiveStreamsNotifyUrlConfig`	acs:cdn:*:$accountid:domain/$domainName
`AddLiveAppRecordConfig`	acs:cdn:*:$accountid:domain/$domainName
`CreateLiveStreamRecordIndexFiles`	acs:cdn:*:$accountid:domain/$domainName

Action-name	Resource
`DeleteLiveAppRecordConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveRecordConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamRecordContent`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamRecordIndexFile`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamRecordIndexFiles`	acs:cdn:*:$accountid:domain/$domainName
`AddLiveStreamTranscode`	acs:cdn:*:$accountid:domain/$domainName
`DeleteLiveStreamTranscode`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamTranscodeInfo`	acs:cdn:*:$accountid:domain/$domainName
`AddLiveAppSnapshotConfig`	acs:cdn:*:$accountid:domain/$domainName
`DeleteLiveAppSnapshotConfig`	acs:cdn:*:$accountid:domain/$domainName
`UpdateLiveAppSnapshotConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveSnapshotConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamSnapshotInfo`	acs:cdn:*:$accountid:domain/$domainName
`AddLiveSnapshotDetectPornConfig`	acs:cdn:*:$accountid:domain/$domainName
`AddLiveDetectNotifyConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveSnapshotDetectPornConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveDetectNotifyConfig.md`	acs:cdn:*:$accountid:domain/$domainName
`UpdateLiveSnapshotDetectPornConfig`	acs:cdn:*:$accountid:domain/$domainName
`UpdateLiveDetectNotifyConfig`	acs:cdn:*:$accountid:domain/$domainName
`DeleteLiveSnapshotDetectPornConfig`	acs:cdn:*:$accountid:domain/$domainName
`DeleteLiveDetectNotifyConfig`	acs:cdn:*:$accountid:domain/$domainName
`DescribeLiveStreamsFrameRateAndBitRateData`	acs:cdn:*:$accountid:domain/$domainName