VOD on EdgeOne

Getting Started

Product Documentation

Service Statement

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Getting Started

Last updated：2024-01-30 16:32:08

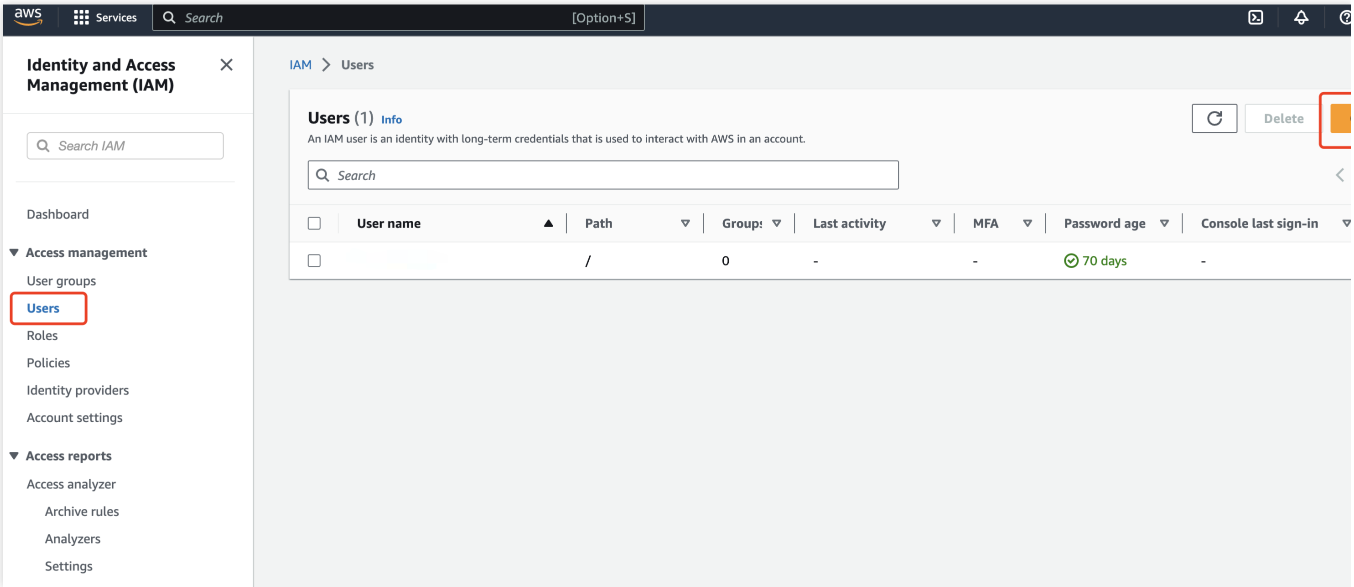
This guide will lead you through the process of activating VOD on EO, and creating a functional application within VOD on EO.

Preparations

A registered Tencent Cloud account has been established.
A third-party storage service has been registered and a bucket that already loaded with uploaded media file data is prepared. Take AWS's S3 storage service as an example. A functional AWS S3 bucket, named BucketforVodeo, is located in the Asia Pacific (Sydney) ap-southeast-2 region.

Step One: Create an AWS sub-user and save the user's secret key

1. Navigate to the Identity and Access Management (IAM), click **Users**, then click **Create user** to add a new user.

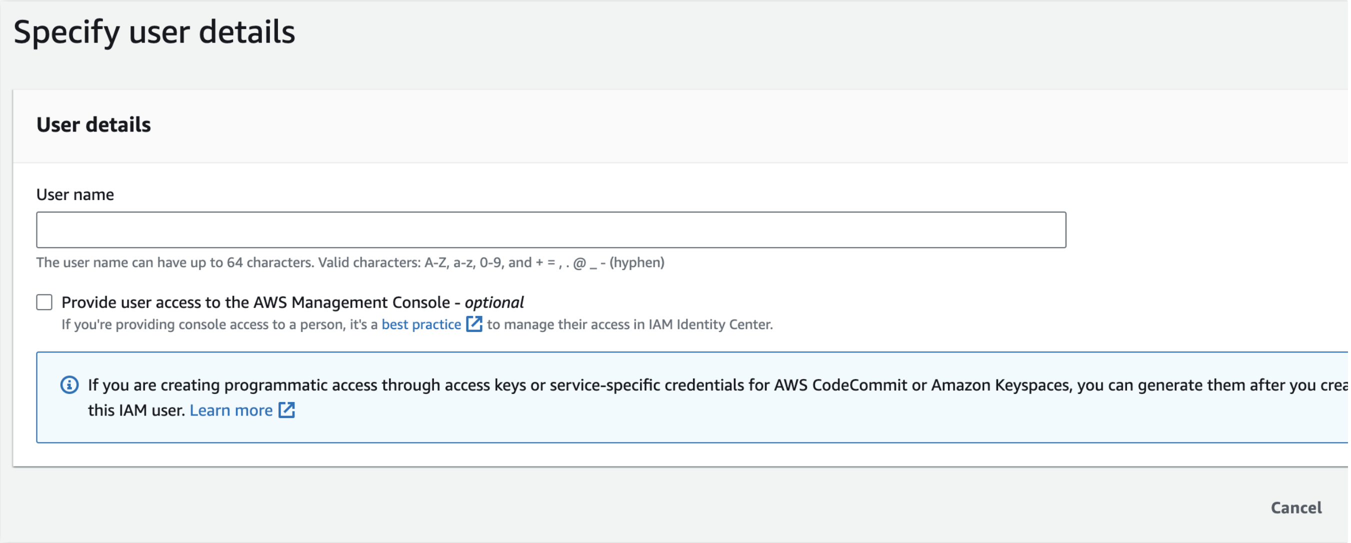


Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

□	User name	Path	Groups	Last activity	MFA	Password age	Console last sign-in
□		/	0	-	-	✓ 70 days	-

2. Enter the **User name**, then click **Next** in the lower right corner.



Specify user details

User details

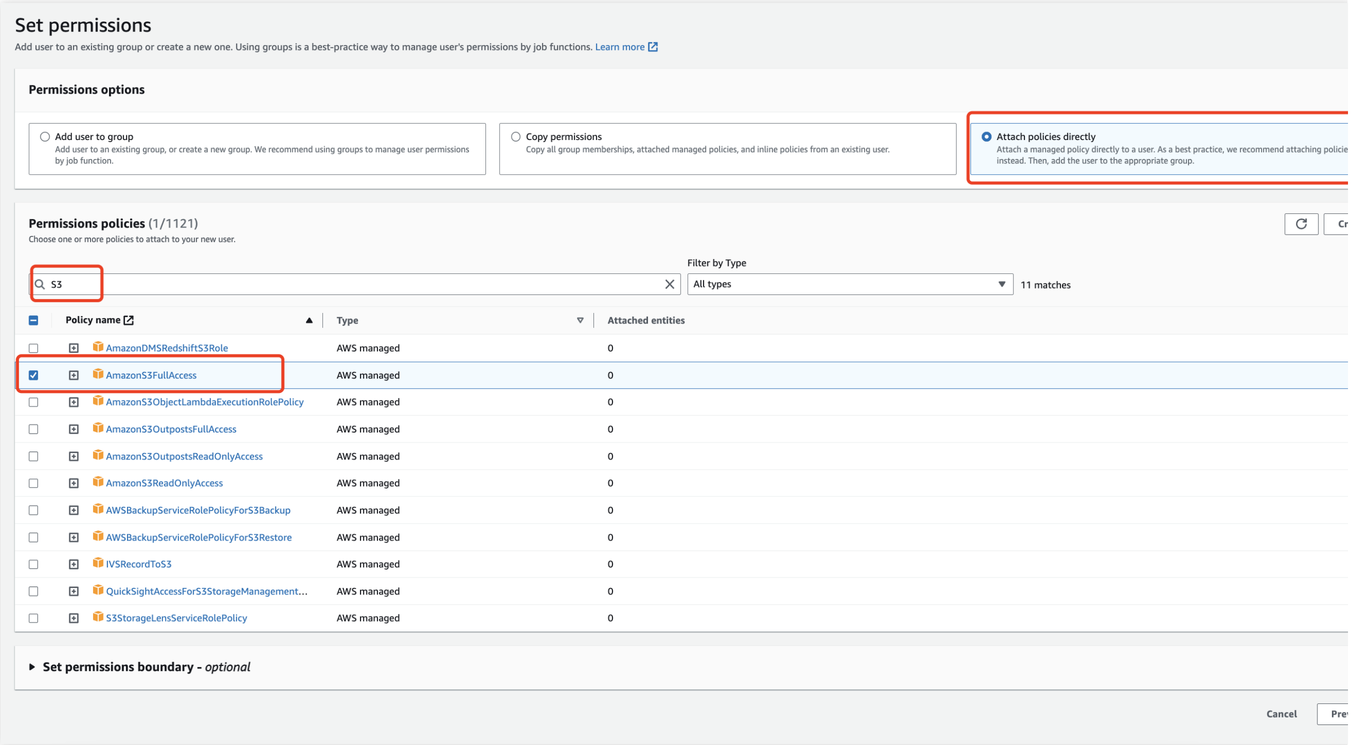
User name

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)

□ Provide user access to the AWS Management Console - *optional*
If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.

If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you crea
this IAM user. Learn more

3. Select **Attach policies directly**, enter S3 in the search box, locate **AmazonS3FullAccess** in the search results and check it, then click **Next** in the lower right corner.



Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. Learn more

Permissions options

○ Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

○ Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.

● Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policie
instead. Then, add the user to the appropriate group.

Permissions policies (1/1121)
Choose one or more policies to attach to your new user.

S3

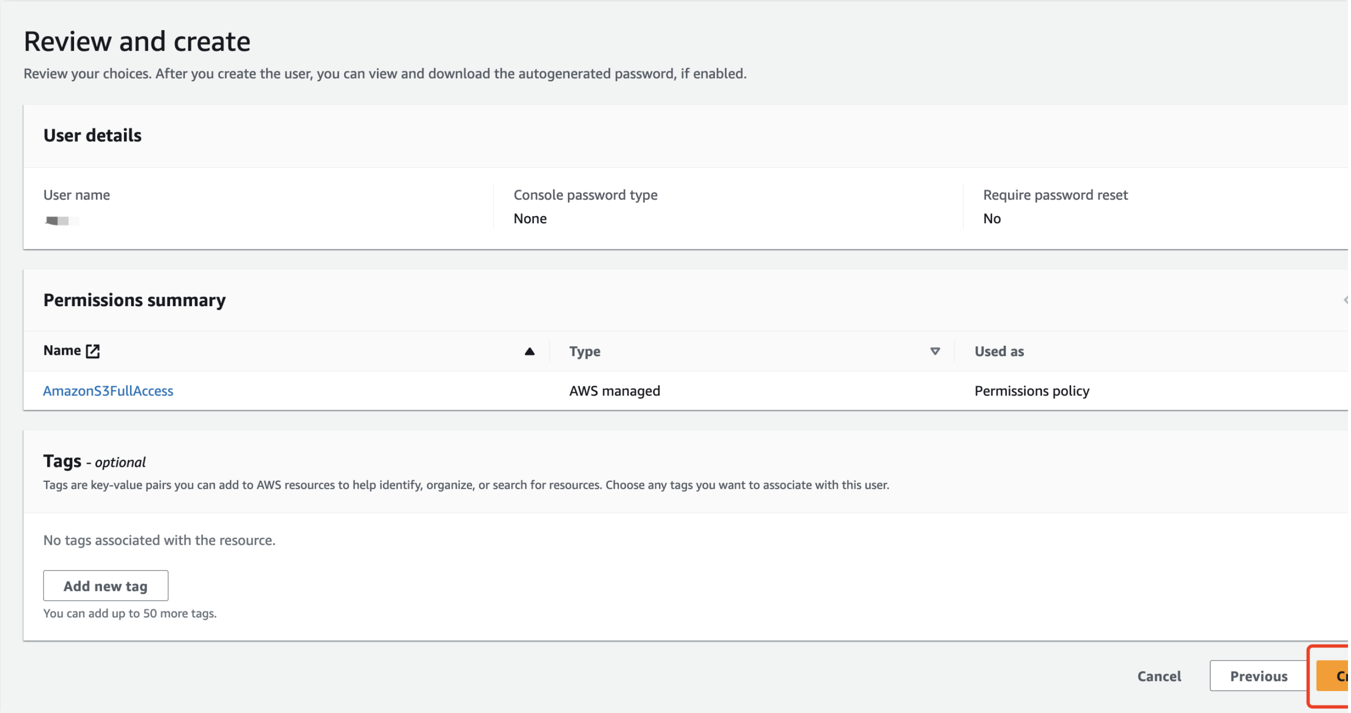
Filter by Type: All types

11 matches

	Policy name	Type	Attached entities
□	AmazonDMSRedshiftS3Role	AWS managed	0
☑	AmazonS3FullAccess	AWS managed	0
□	AmazonS3ObjectLambdaExecutionRolePolicy	AWS managed	0
□	AmazonS3OutpostsFullAccess	AWS managed	0
□	AmazonS3OutpostsReadOnlyAccess	AWS managed	0
□	AmazonS3ReadOnlyAccess	AWS managed	0
□	AWSBackupServiceRolePolicyForS3Backup	AWS managed	0
□	AWSBackupServiceRolePolicyForS3Restore	AWS managed	0
□	IVSRecordToS3	AWS managed	0
□	QuickSightAccessForS3StorageManagement...	AWS managed	0
□	S3StorageLensServiceRolePolicy	AWS managed	0

▸ Set permissions boundary - *optional*

4. Click **Create user** to complete the user creation process.



Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

User details

User name	Console password type	Require password reset
[redacted]	None	No

Permissions summary

Name	Type	Used as
AmazonS3FullAccess	AWS managed	Permissions policy

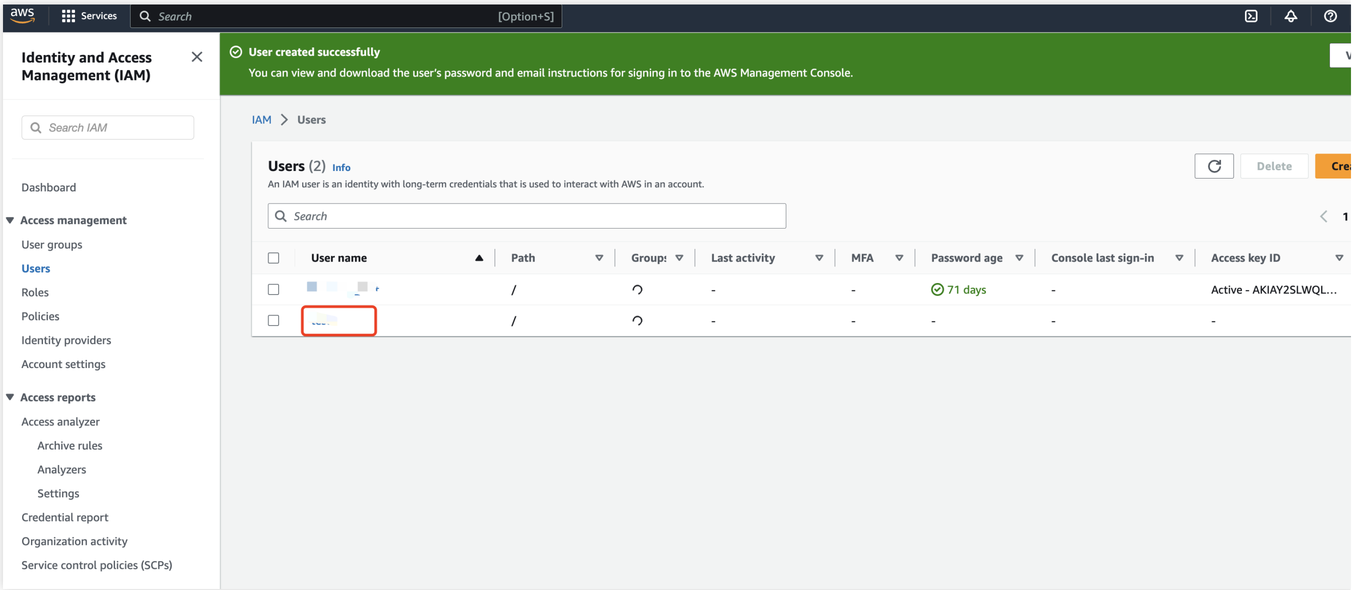
Tags - *optional*

Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

You can add up to 50 more tags.

5. After creating the user, click the newly created **User name** in the Users list.



User created successfully

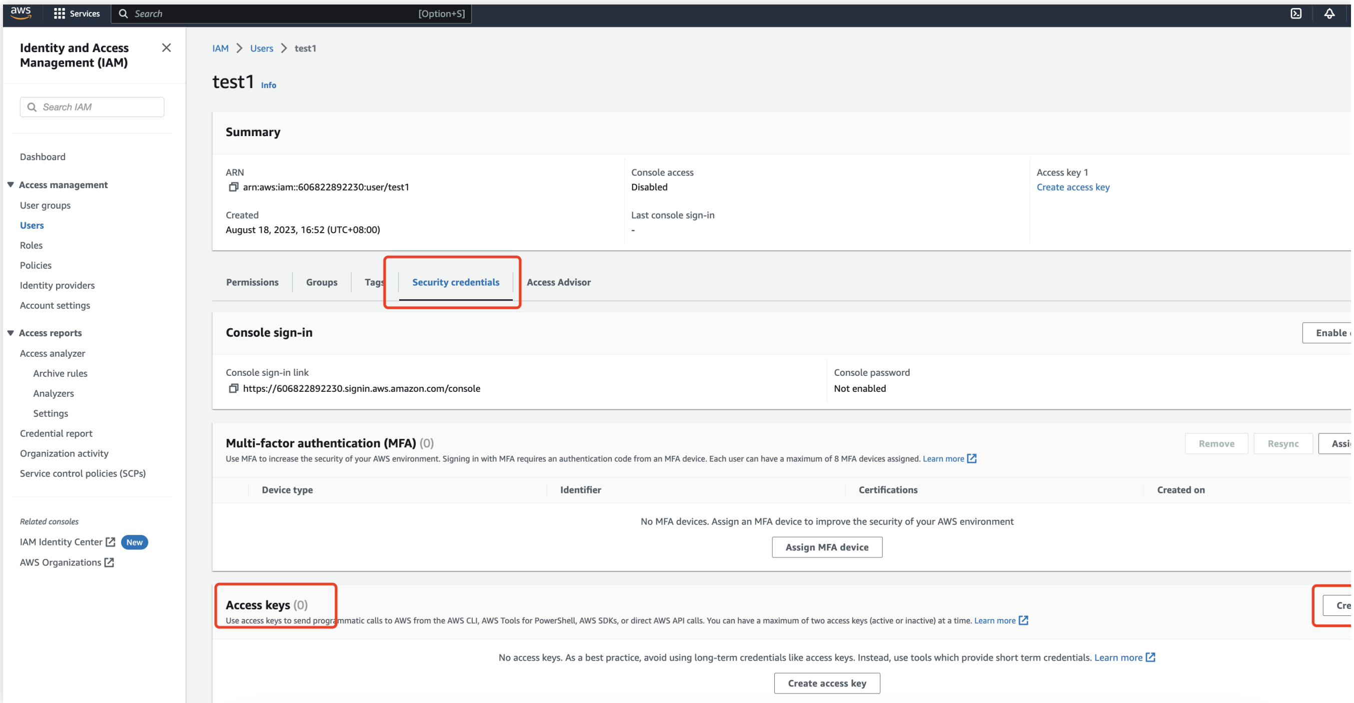
You can view and download the user's password and email instructions for signing in to the AWS Management Console.

Users (2) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

□	User name	Path	Groups	Last activity	MFA	Password age	Console last sign-in	Access key ID
□	[redacted]	/	◌	-	-	✓ 71 days	-	Active - AKIAY2SLWQL...
□	[redacted]	/	◌	-	-	-	-	-

6. Click **Security credentials**, locate **Access Keys**, then click **Create access key**.



test1

Summary

ARN
arn:aws:iam::606822892230:user/test1

Created
August 18, 2023, 16:52 (UTC+08:00)

Console access
Disabled

Last console sign-in
-

Access key 1
Create access key

Console sign-in

Console sign-in link
https://606822892230.signin.aws.amazon.com/console

Console password
Not enabled

Multi-factor authentication (MFA) (0)

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. Learn more

Device type	Identifier	Certifications	Created on

No MFA devices. Assign an MFA device to improve the security of your AWS environment

Access keys (0)

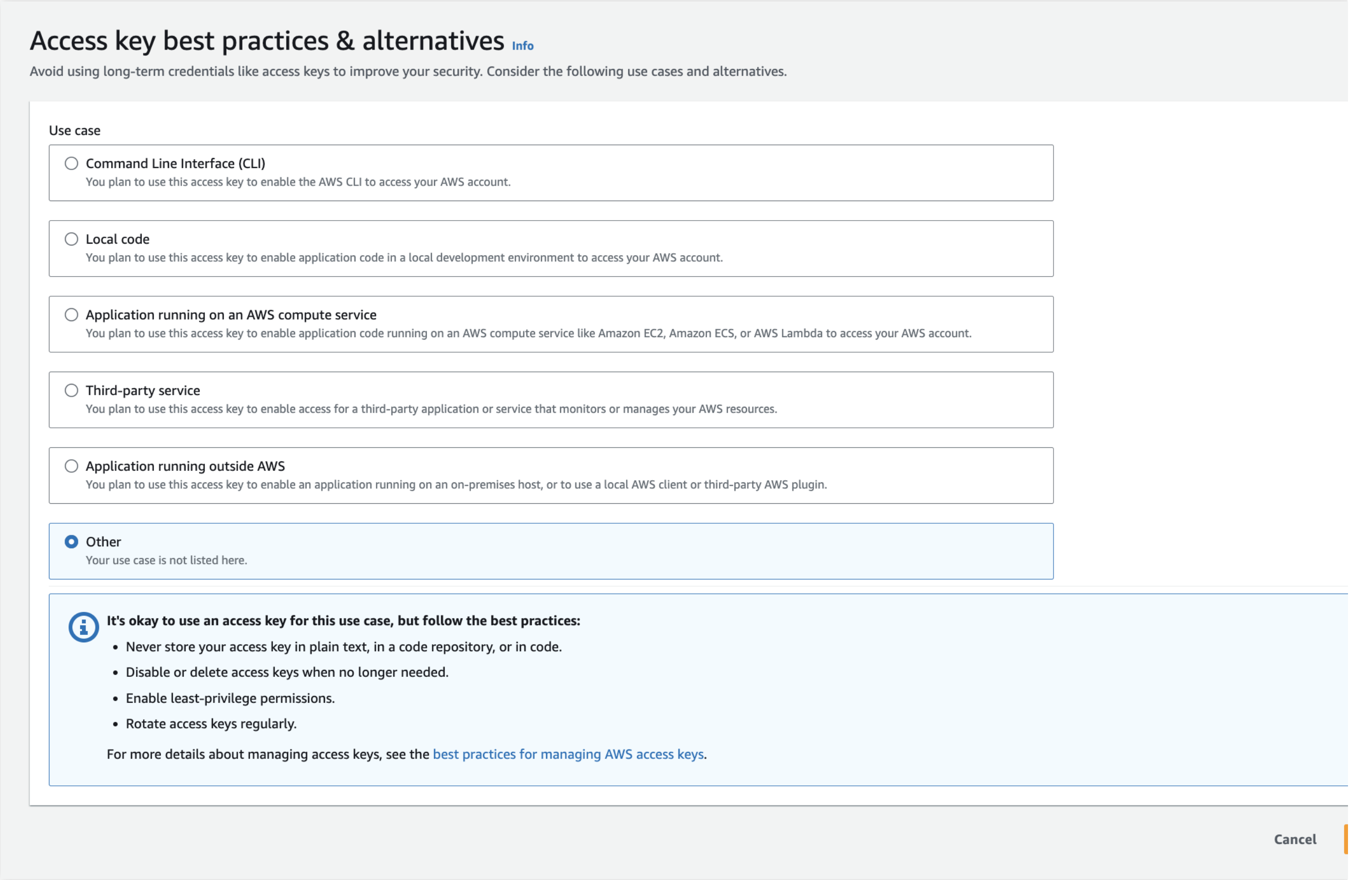
Use access keys to send programmatic calls to AWS from the AWS CLI, AWS Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time. Learn more

No access keys. As a best practice, avoid using long-term credentials like access keys. Instead, use tools which provide short term credentials. Learn more

7. In the Use Case, select **Other**, click **Next** to create, and save the generated **Access key ID** and **Secret access key**.

Note:

The Secret Access Key for AWS S3 cannot be viewed subsequently, please ensure to copy and store it securely after creation.



Access key best practices & alternatives

Avoid using long-term credentials like access keys to improve your security. Consider the following use cases and alternatives.

Use case

○ Command Line Interface (CLI)
You plan to use this access key to enable the AWS CLI to access your AWS account.

○ Local code
You plan to use this access key to enable application code in a local development environment to access your AWS account.

○ Application running on an AWS compute service
You plan to use this access key to enable application code running on an AWS compute service like Amazon EC2, Amazon ECS, or AWS Lambda to access your AWS account.

○ Third-party service
You plan to use this access key to enable access for a third-party application or service that monitors or manages your AWS resources.

○ Application running outside AWS
You plan to use this access key to enable an application running on an on-premises host, or to use a local AWS client or third-party AWS plugin.

● Other
Your use case is not listed here.

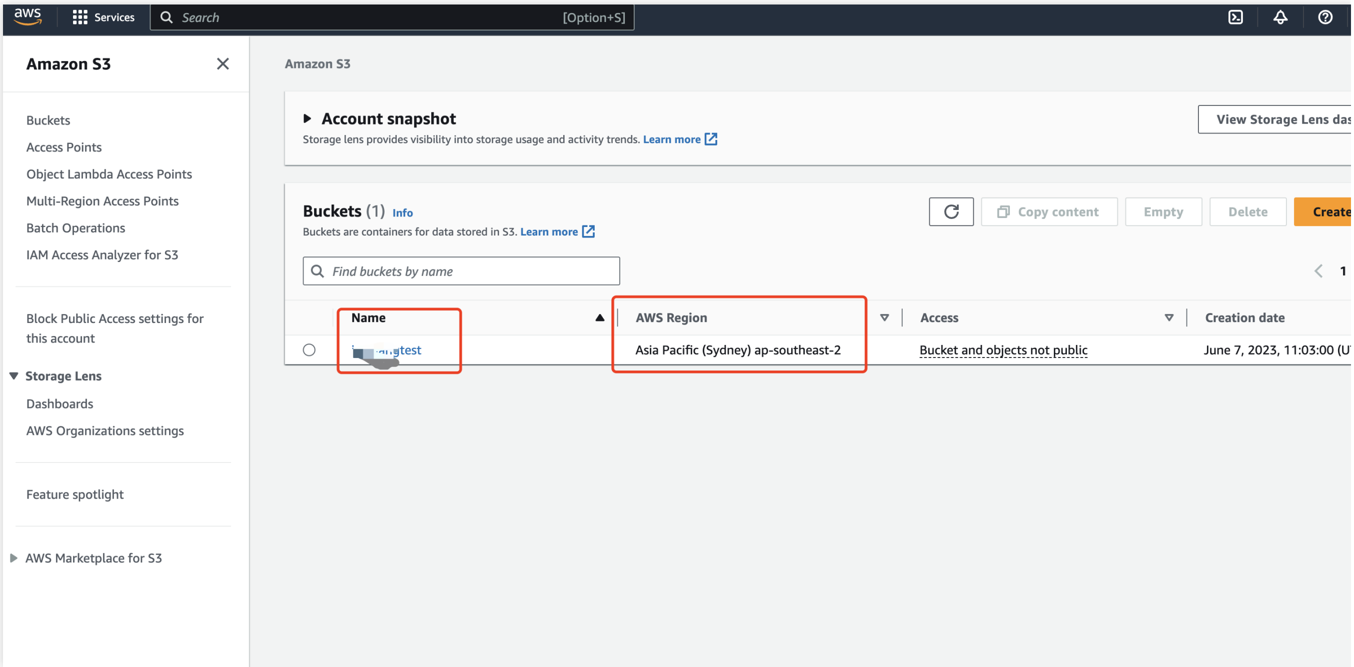
It's okay to use an access key for this use case, but follow the best practices:

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access keys when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the best practices for managing AWS access keys.

Step Two: Retrieve AWS S3 bucket information

1. Navigate to the AWS S3 bucket list and copy the name and region information of the bucket you wish to bind.



Account snapshot

Storage lens provides visibility into storage usage and activity trends. Learn more

Buckets (1) Info

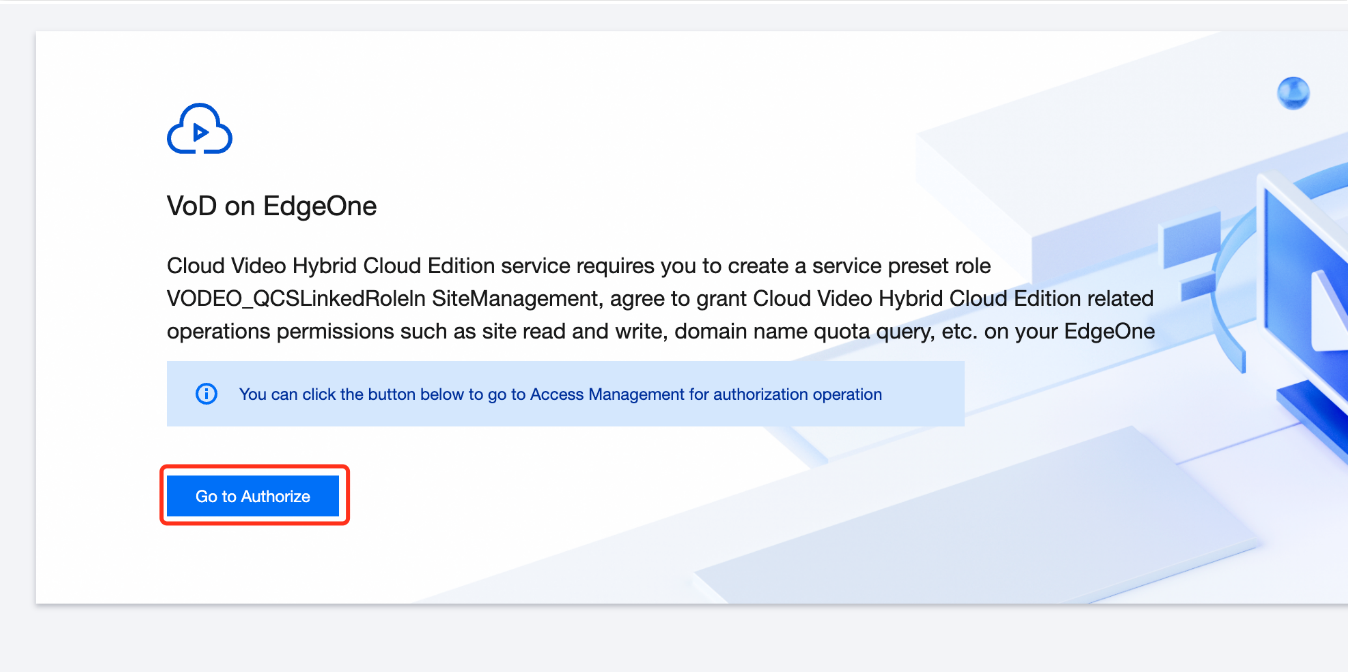
Buckets are containers for data stored in S3. Learn more

Find buckets by name

Name	AWS Region	Access	Creation date
[redacted]gtest	Asia Pacific (Sydney) ap-southeast-2	Bucket and objects not public	June 7, 2023, 11:03:00 (U

Step Three: Create a VOD on EO application

1. Navigate to the VOD on EO Console, then click **Go to Authorize**.



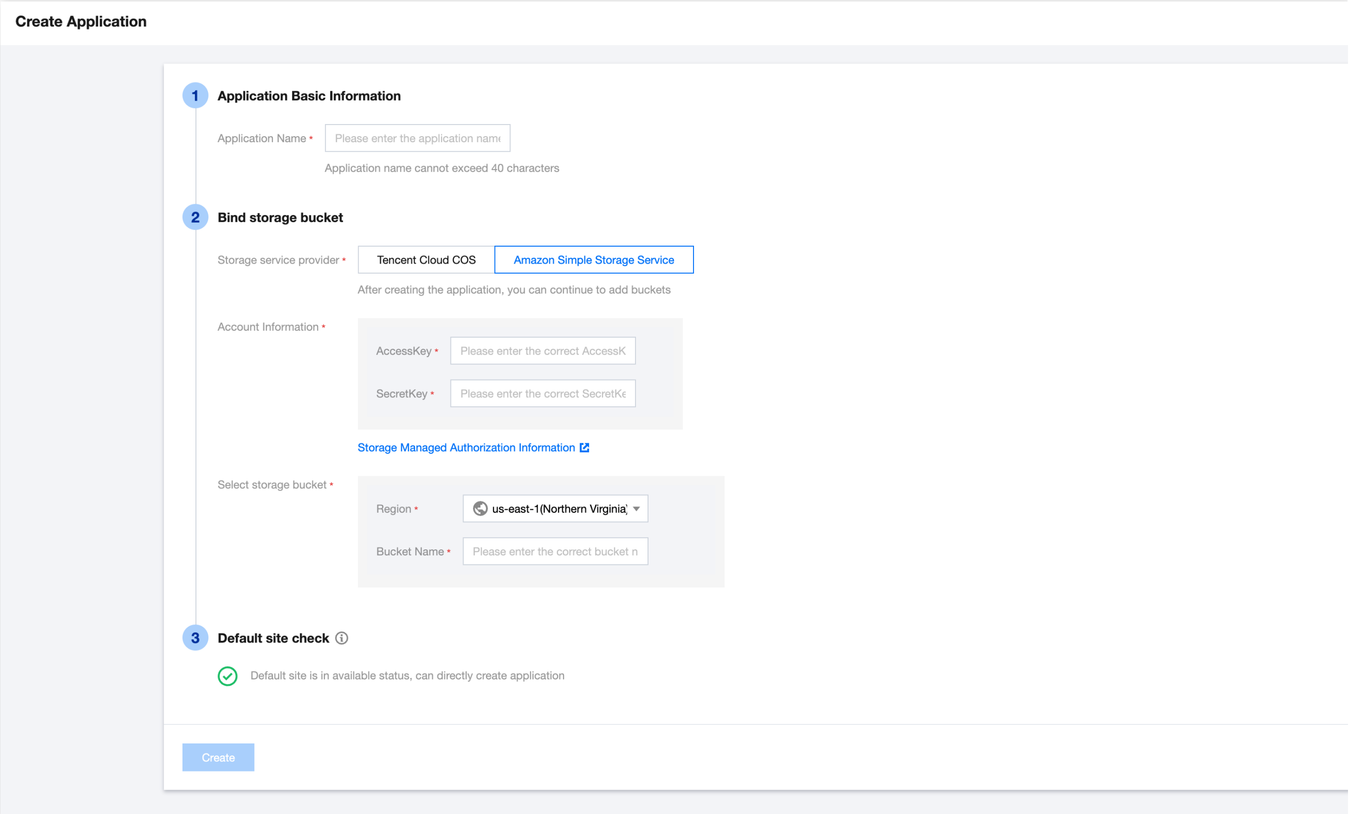
VoD on EdgeOne

Cloud Video Hybrid Cloud Edition service requires you to create a service preset role VODEO_QCSLinkedRoleIn SiteManagement, agree to grant Cloud Video Hybrid Cloud Edition related operations permissions such as site read and write, domain name quota query, etc. on your EdgeOne

You can click the button below to go to Access Management for authorization operation

2. On the application creation page, fill in the application name (within 40 characters).

3. Enter the Access key ID and Secret access key created in Step One, along with the bucket information retrieved in Step Two. Select the corresponding region for the bucket, then click **Create** to complete the application creation.



Create Application

1 Application Basic Information

Application Name * Please enter the application name

Application name cannot exceed 40 characters

2 Bind storage bucket

Storage service provider * Tencent Cloud COS | Amazon Simple Storage Service

After creating the application, you can continue to add buckets

Account Information *

AccessKey * Please enter the correct AccessK

SecretKey * Please enter the correct SecretKe

Storage Managed Authorization Information

Select storage bucket *

Region * us-east-1(Northern Virginia)

Bucket Name * Please enter the correct bucket n

3 Default site check

Default site is in available status, can directly create application