

727721EUIT167

SWATHI R

CLOUD COMPUTING – CC1

Q3

The screenshot displays the AWS Management Console interface for creating a new S3 bucket. The browser tabs at the top include SKCET, Instances | EC2 Management Co..., S3 bucket, EC2 Instance Connect, and IAM Management Console. The console header shows the AWS logo, a search bar, and the user's name 'SWATHI R'. The breadcrumb navigation indicates the path: Amazon S3 > Buckets > Create bucket. The main heading is 'Create bucket' with an 'Info' link. Below this, a sub-header states: 'Buckets are containers for data stored in S3. Learn more'. The 'General configuration' section contains a 'Bucket name' field with the value 'awsbucketcc1-167' and a note that the name must be globally unique. The 'AWS Region' is set to 'EU (Stockholm) eu-north-1'. There is an option to 'Copy settings from existing bucket - optional' with a 'Choose bucket' button. The 'Object Ownership' section explains that it controls ownership of objects written to the bucket. Two radio buttons are present: 'ACLs disabled (recommended)' and 'ACLs enabled'. The 'ACLs enabled' option is selected. Below this, a warning message advises disabling ACLs unless necessary. Under 'Object Ownership', two radio buttons are shown: 'Bucket owner preferred' (selected) and 'Object writer'. A final note states that if enforcing object ownership, a bucket policy must specify that the bucket-owner-full-control canned ACL is required.

SKCET x Instances | EC2 Management Co... x S3 bucket x EC2 Instance Connect x IAM Management Console x +

s3.console.aws.amazon.com/s3/bucket/create?region=eu-north-1

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

- ☐ **Block all public access**
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.
- ☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- ☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☐ **Block public access to buckets and objects granted through new public bucket or access point policies**
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Turning off block all public access might result in this bucket and the objects within becoming public
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

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SKCET x Instances | EC2 Management Co... x S3 Management Console x EC2 Instance Connect x IAM Management Console x +

s3.console.aws.amazon.com/s3/buckets?region=eu-north-1

Amazon S3

Successfully created bucket "awsbucketcc1-167"
To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3 > Buckets

Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

[View Storage Lens dashboard](#)

Buckets (2) Info
Buckets are containers for data stored in S3. [Learn more](#)

	Name	AWS Region	Access	Creation date
<input type="radio"/>	awsbucket-167	Asia Pacific (Singapore) ap-southeast-1	Objects can be public	May 3, 2023, 12:05:20 (UTC+05:30)
<input type="radio"/>	awsbucketcc1-167	EU (Stockholm) eu-north-1	Objects can be public	May 3, 2023, 15:46:54 (UTC+05:30)

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SKCET x Instances | EC2 Management Co x S3 Management Console x EC2 Instance Connect x IAM Management Console x +

s3.console.aws.amazon.com/s3/upload/awbucketcc1-167?region=eu-north-1

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose [Add files](#), or [Add folders](#).

Files and folders (1 Total, 33.0 B) [Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	accounts.txt	-	text/plain	33.0 B

Destination

Destination
s3://awbucketcc1-167

[Destination details](#)
Bucket settings that impact new objects stored in the specified destination.

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SKCET x Instances | EC2 Management Co x S3 Management Console x EC2 Instance Connect x IAM Management Console x +

s3.console.aws.amazon.com/s3/upload/awbucketcc1-167?region=eu-north-1

Permissions

Grant public access and access to other AWS accounts.

Access control list (ACL)

Grant basic read/write permissions to other AWS accounts. [Learn more](#)

[AWS recommends using S3 bucket policies or IAM policies for access control. Learn more](#)

Access control list (ACL)

☒ Choose from predefined ACLs

☐ Specify individual ACL permissions

Predefined ACLs

☐ Private (recommended)
Only the object owner will have read and write access.

☒ Grant public-read access
Anyone in the world will be able to access the specified objects. The object owner will have read and write access. [Learn more](#)

Granting public-read access is not recommended
Anyone in the world will be able to access the specified objects. [Learn more](#)

☒ I understand the risk of granting public-read access to the specified objects.

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SKCET x Instances | EC2 Management Console x S3 Management Console x EC2 Instance Connect x IAM Management Console x

s3.console.aws.amazon.com/s3/upload/awsbucketcc1-167?region=eu-north-1

aws Services Search [Alt+S]

Upload succeeded
View details below.

Summary

Destination s3://awsbucketcc1-167	Succeeded 1 file, 33.0 B (100.00%)	Failed 0 files, 0 B (0%)
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Files and folders Configuration

Files and folders (1 Total, 33.0 B)

Find by name

Name	Folder	Type	Size	Status	Error
accounts.txt	-	text/plain	33.0 B	Succeeded	-

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SKCET x Instances | EC2 Management Console x awsbucketcc1-167 - S3 bucket x EC2 Instance Connect x IAM Management Console x https://awsbucketcc1-167.s3.eu-north-1.amazonaws.com/accounts.txt

awsbucketcc1-167.s3.eu-north-1.amazonaws.com/accounts.txt

Bucket creation - coding contest1

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