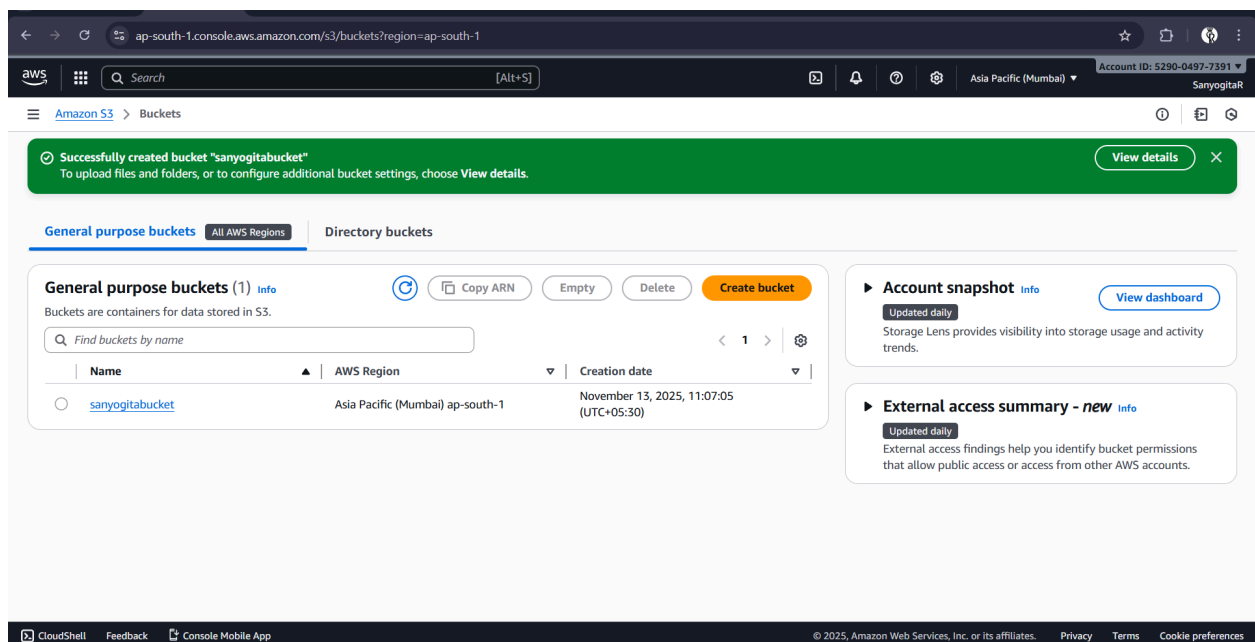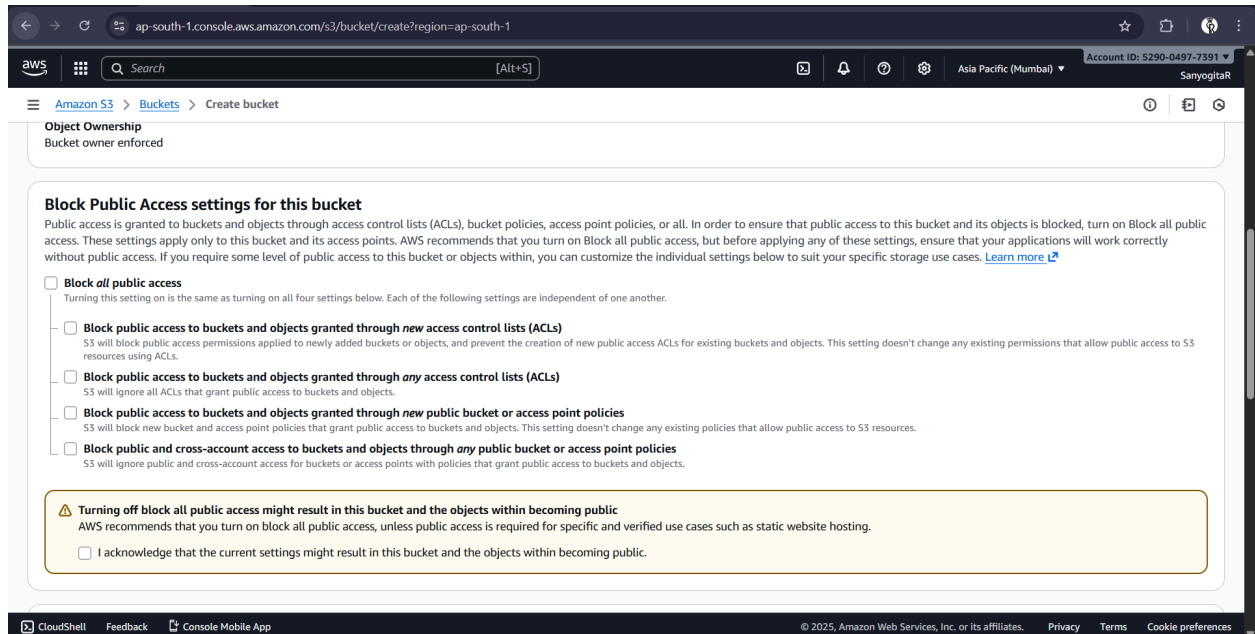Created and configured an AWS S3 static website, integrated it with CloudFront for global content delivery, and mapped it using Route 53 for custom domain access.

aws

Search [Alt+S]

Account ID: 5290-0497-7391 ▼

SanyogitaR

Asia Pacific (Mumbai) ▼

☰

⊘ **Upload succeeded**
For more information, see the **Files and folders** table.

✕

ⓘ After you navigate away from this page, the following information is no longer available.

Summary

Destination
s3://sanyogitabucket

Succeeded
⊘ 1 file, 248.2 KB (100.00%)

Failed
⊖ 0 files, 0 B (0%)

Files and folders Configuration

Files and folders (1 total, 248.2 KB)

🔍 Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
CSE3016_AWS-SOLUTION-ARC...	-	application/pdf	248.2 KB	⊘ Succeeded	-

25°C

ENG

11:10 AM

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼<Error>
   <Code>AccessDenied</Code>
   <Message>Access Denied</Message>
   <RequestId>BX6YBJWB75EH4RR4</RequestId>
   <HostId>8/vR+ssRvsqlT8Vs0U68Zg3rp2LqZUHBoUb4193hxvgp7cOqISmwnCNOQvUGTE8KbhgiRcKbeRc=</HostId>
</Error>
```

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SanyogitaR

CloudFront > Distributions > Create distribution

Step 1
Get started

Step 2
Specify origin

Step 3
Enable security

Step 4
Get TLS certificate

Step 5
Review and create

Get started

Connect your websites, apps, files, video streams, and other content to CloudFront. We optimize the performance, reliability, and security for your web traffic.

Distribution options   Info

Distribution name
Name will be stored as a tag on the resource. You can add a name, or more tags, later.

sanyogitaRCLOUDfront

Description - *optional*

Distribution type

● Single website or app
Choose if each website or application will have a unique configuration.

○ Multi-tenant architecture - New
Choose when you have multiple domains that need to share configurations. This is a common architecture for SaaS providers.

Domain   Info

Route 53 managed domain - *optional*
Enter a domain that's already registered with Route 53 in your AWS account. CloudFront will provision a TLS certificate for you. If you have a domain from a different DNS provider, skip this step and configure your domain later.

---

aws

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CloudFront > Distributions > Create distribution

Deliver end-to-end live events or video on demand (VOD).

Deliver applications and content hosted within private VPCs, such as EC2 instances and Application Load Balancers.

Refer to any AWS or non-AWS origin through its publicly resolvable URL.

Ori

S3 o
Choo

M

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The d

/p

Select S3 location   ✕

Buckets (1)   Last updated
                                        November 13, 2025, 11:20 AM GMT+5:30   ⟳

🔍 Find bucket   ‹ 1 ›

Bucket name ▽	Creation date ▽
● sanyogitabucket	Thu, 13 Nov 2025 05:37:05 GMT

Cancel   **Choose**

S3

Settings   Info
CloudFront provides default origin and cache settings based on what origin you selected. View default settings for S3 ↗

Allow private S3 bucket access to CloudFront   Info
CloudFront will update your S3 bucket policy to allow CloudFront to access your S3 bucket. The policy allows CloudFront to access the bucket only when the request is on behalf of the CloudFront distribution that contains the S3 origin.
☑ Allow private S3 bucket access to CloudFront - *Recommended*

Origin settings
Origin settings control how CloudFront connects to the specified origin.

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Global ▼

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☰ CloudFront > Distributions > Create distribution

Origin path - *optional*
The directory path within your origin where your content is stored. Learn more ↗

/path

Settings Info

CloudFront provides default origin and cache settings based on what origin you selected. View default settings for S3 ↗

Allow private S3 bucket access to CloudFront Info
CloudFront will update your S3 bucket policy to allow CloudFront to access your S3 bucket. The policy allows CloudFront to access the bucket only when the request is on behalf of the CloudFront distribution that contains the S3 origin.

☑ Allow private S3 bucket access to CloudFront - *Recommended*

Origin settings
Origin settings control how CloudFront connects to the specified origin.

🔘 Use recommended origin settings   ⚪ Customize origin settings

Cache settings
Cache settings determine when CloudFront serves cached content and when it fetches new content from the origin.

🔘 Use recommended cache settings tailored to serving S3 content   ⚪ Customize cache settings

Cancel   Previous   Next

---

aws

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Global ▼

Account ID: 5290-0497-7391 ▼
SanyogitaR

☰ CloudFront > Distributions > Create distribution

Step 1
Get started

Step 2
Specify origin

Step 3
Enable security

Step 4
Review and create

Enable security

Web Application Firewall (WAF) Info

⚪ **Enable security protections**
Keep your application secure from the most common web threats and security vulnerabilities using AWS WAF. Blocked requests are stopped before they reach your web servers.

🔘 **Do not enable security protections**
Select this option if your application does not need security protections from AWS WAF.

Cancel   Previous   Next

aws | Search [Alt+S]

Global ▼
Account ID: 5290-0497-7391 ▼
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CloudFront > Distributions > Create distribution

Step 4
Review and create

Origin

[Edit]

ⓘ Because you granted CloudFront access to your origin, CloudFront can write and update S3 bucket policies that restrict access to your S3 origin to CloudFront.

S3 origin
sanyogitabucket.s3.ap-south-1.amazonaws.com

Origin path
-

Grant CloudFront access to origin
Yes

Enable Origin Shield
No

Connection attempts
3

Connection timeout
10

Cache settings

[Edit]

CloudFront will apply default cache settings tailored to serving content from a S3 origin. You can customize settings after you create your distribution.

Security

[Edit]

Security protections
None

Use monitor mode
No

Use existing WAF configuration
No

Cancel   Previous   **Create distribution**

CloudShell   Feedback   Console Mobile App

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Route 53 > Get started

Get started Info

Choose your starting point

Register a domain
Register the name, such as example.com, that your users use to access your application.

Transfer domain
You can transfer domain names to Route 53 that you registered with another domain registrar.

Create hosted zones
A hosted zone tells Route 53 how to respond to DNS queries for a domain such as example.com.

Configure health checks
Health checks monitor your applications and web resources, and direct DNS queries to healthy resources.

Configure traffic flow
A visual tool that lets you easily create policies for multiple endpoints in complex configurations.

Configure resolvers
A regional service that lets you route DNS queries between your VPCs and your network.

Cancel   Get started

Route 53 > Hosted zones > Create hosted zone

Create hosted zone Info

Hosted zone configuration
A hosted zone is a container that holds information about how you want to route traffic for a domain, such as example.com, and its subdomains.

Domain name Info
This is the name of the domain that you want to route traffic for.

sanyogita.com

Valid characters: a-z, 0-9, ! " # $ % & ' ( ) * + , - / : ; < = > ? @ [\ ] ^ _ ` { | } . ~

Description - optional Info
This value lets you distinguish hosted zones that have the same name.

The hosted zone is used for...

The description can have up to 256 characters. 0/256

Type Info
The type indicates whether you want to route traffic on the internet or in an Amazon VPC.

Public hosted zone
A public hosted zone determines how traffic is routed on the internet.

Private hosted zone
A private hosted zone determines how traffic is routed within an Amazon VPC.

Tags Info