

Lab Assignment-9

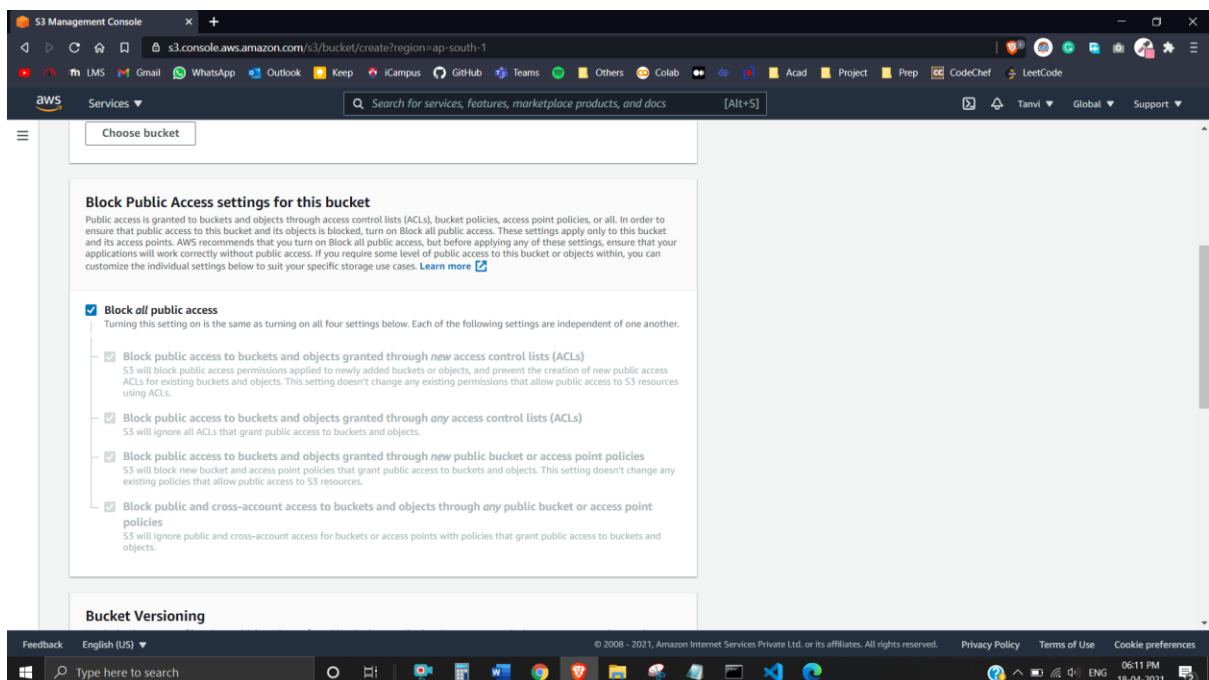
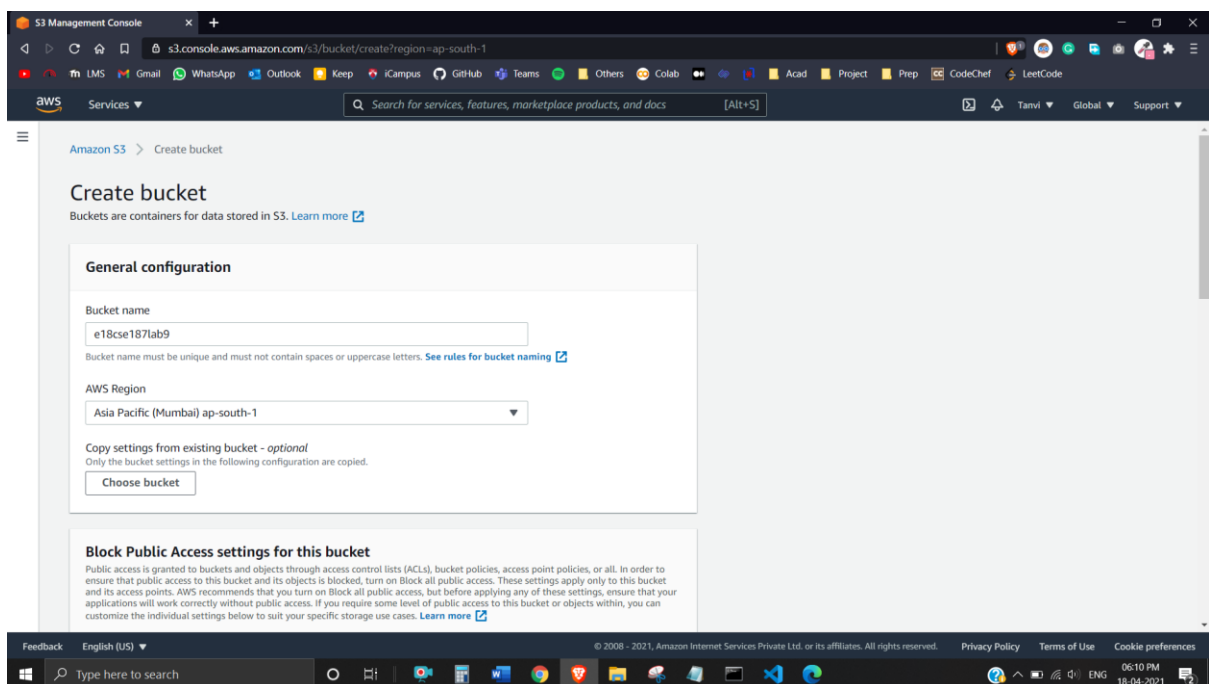
ECSE373L: Cloud Infrastructure and Services

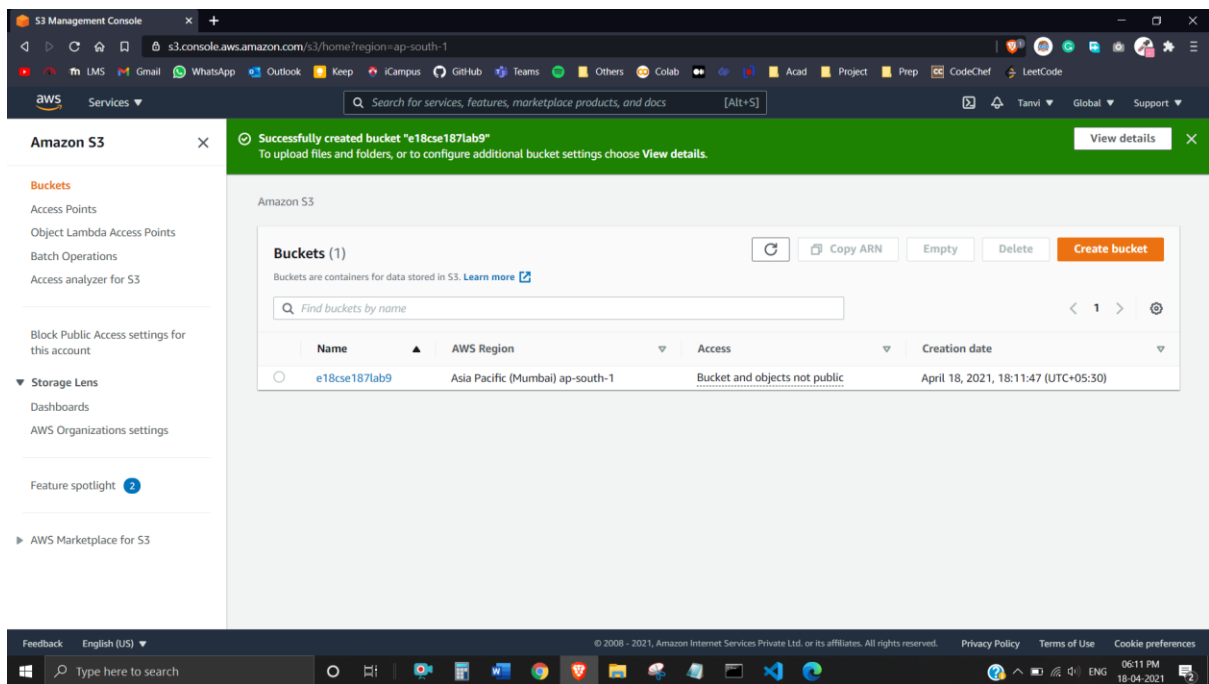
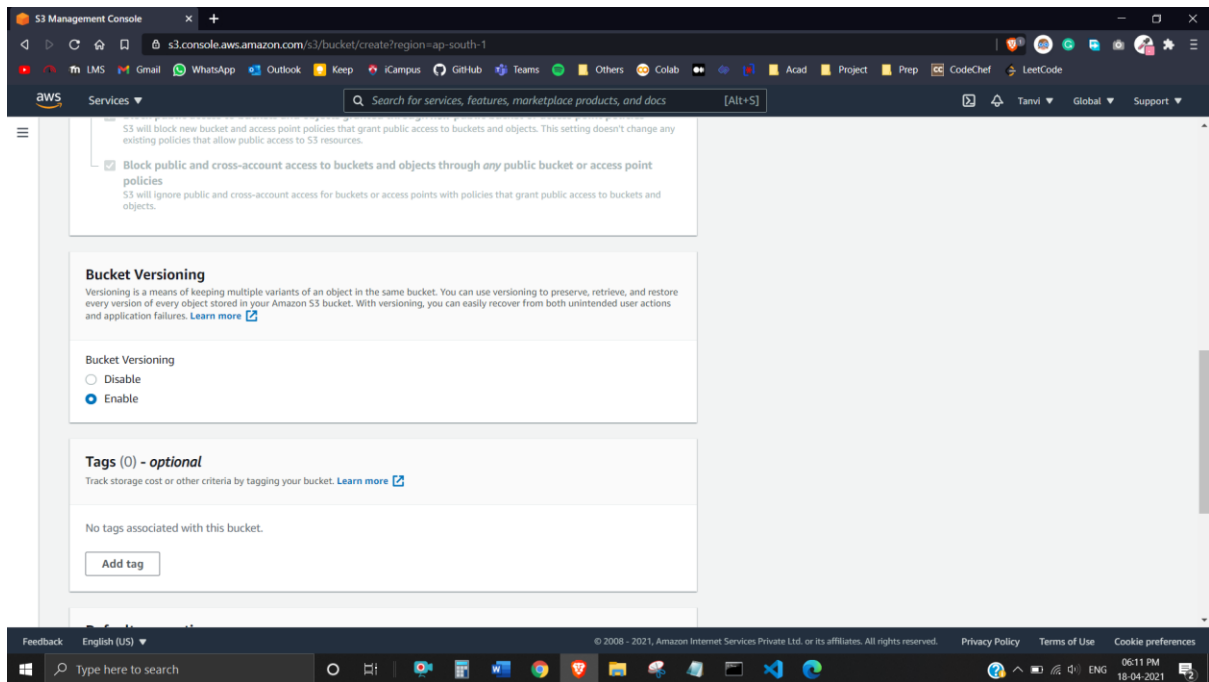
Name: Tanvi Penumudy

Enroll no: E18CSE187

Batch: EB02

Step-by-Step Implementation: Demonstration of Amazon CloudFront





S3 Management Console

s3.console.aws.amazon.com/s3/home?region=ap-south-1

Search for services, features, marketplace products, and docs [Alt+S]

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Successfully created bucket "e18cse187lab9"

To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3

Buckets (1)

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

Find buckets by name

| Name | AWS Region | Access | Creation date |
|---------------|----------------------------------|-------------------------------|--------------------------------------|
| e18cse187lab9 | Asia Pacific (Mumbai) ap-south-1 | Bucket and objects not public | April 18, 2021, 18:11:47 (UTC+05:30) |

index - Notepad

```
<!DOCTYPE html>
<html>
<head>
<title>Example</title>
</head>
<body>
<h1>Example Heading</h1>
<p>Example paragraph.</p>
</body>
</html>
```

Feedback English (US)

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Type here to search

S3 Management Console

s3.console.aws.amazon.com/s3/upload/e18cse187lab9?region=ap-south-1

Search for services, features, marketplace products, and docs [Alt+S]

Upload succeeded

View details below.

The information below will no longer be available after you navigate away from this page.

Summary

| | | |
|--------------------|---------------------------|-------------------|
| Destination | Succeeded | Failed |
| s3://e18cse187lab9 | 1 file, 163.0 B (100.00%) | 0 files, 0 B (0%) |

Files and folders Configuration

Files and folders (1 Total, 163.0 B)

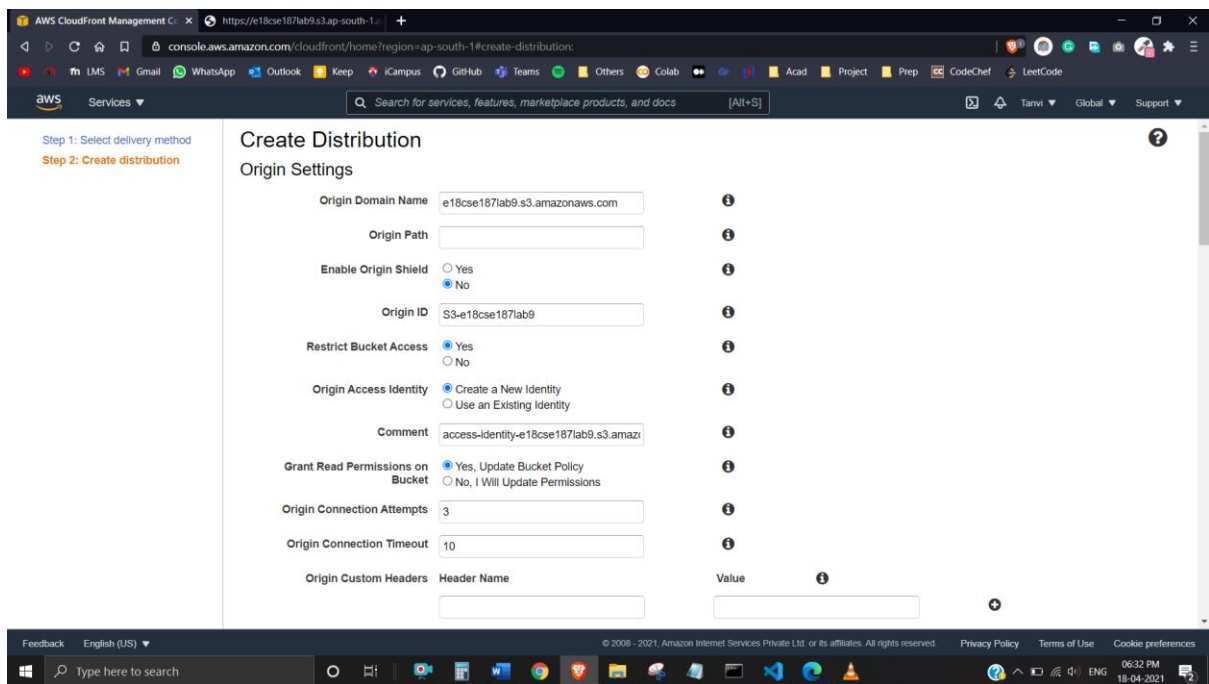
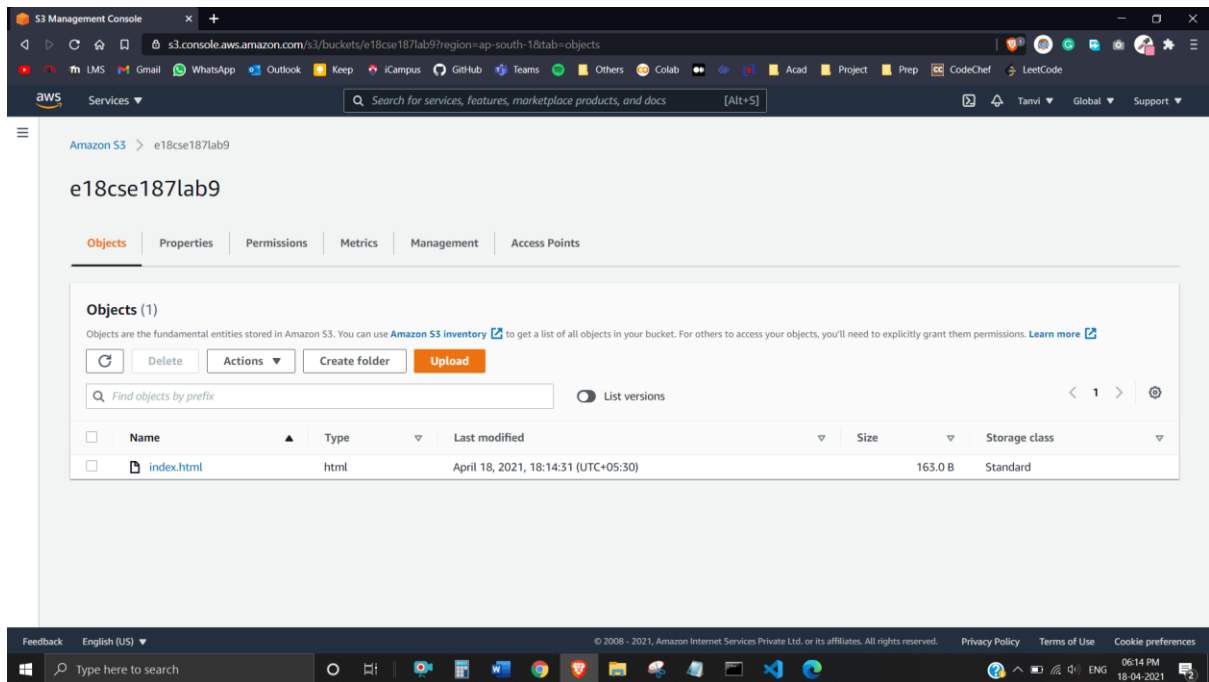
Find by name

| Name | Folder | Type | Size | Status | Error |
|------------|--------|-----------|---------|-----------|-------|
| index.html | - | text/html | 163.0 B | Succeeded | - |

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Type here to search



AWS CloudFront Management Console

Step 1: Select delivery method
Step 2: Create distribution

Default Cache Behavior Settings

| | | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Path Pattern | Default (*) | ? |
| Viewer Protocol Policy | <input checked="" type="radio"/> HTTP and HTTPS <input type="radio"/> Redirect HTTP to HTTPS <input type="radio"/> HTTPS Only | ? |
| Allowed HTTP Methods | <input checked="" type="radio"/> GET, HEAD <input type="radio"/> GET, HEAD, OPTIONS <input type="radio"/> GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE | ? |
| Field-level Encryption Config | | ? |
| Cached HTTP Methods | GET, HEAD (Cached by default) | ? |
| Cache and origin request settings | <input checked="" type="radio"/> Use a cache policy and origin request policy <input type="radio"/> Use legacy cache settings | ? |
| Cache Policy | Managed-CachingOptimized | Create a new policy ? |
| | View policy details | |
| | Learn More | |
| Origin Request Policy | | Create a new policy ? |
| | View policy details | |
| | Learn More | |

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AWS CloudFront Management Console

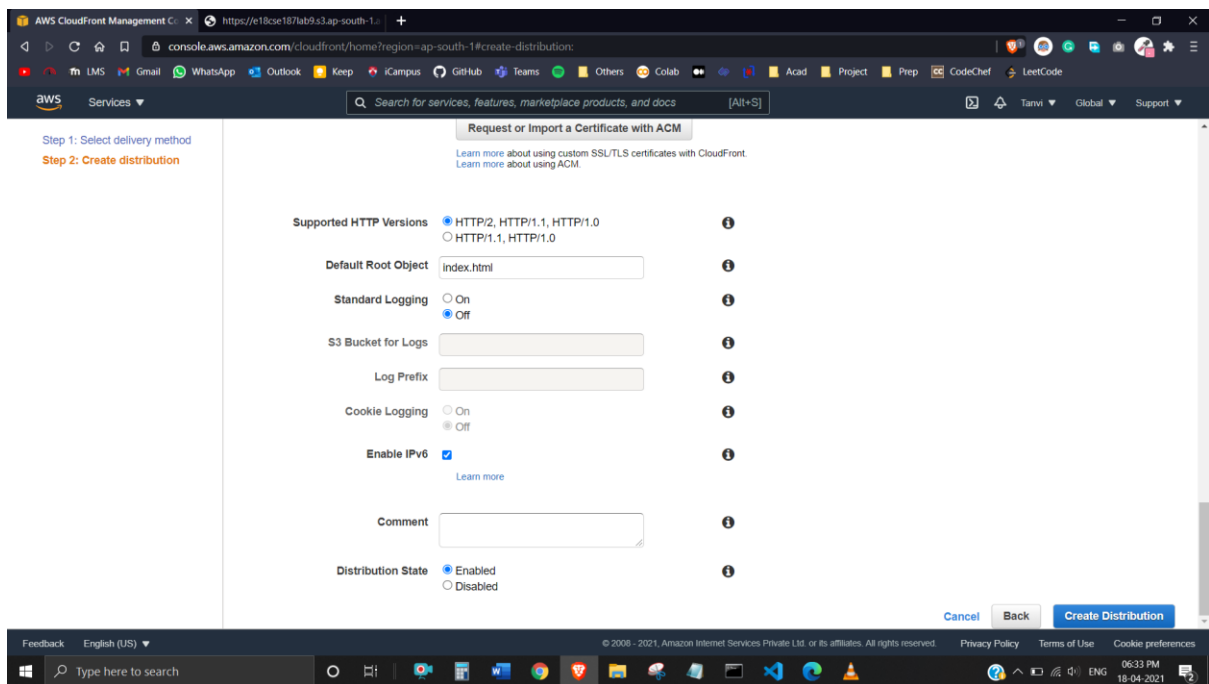
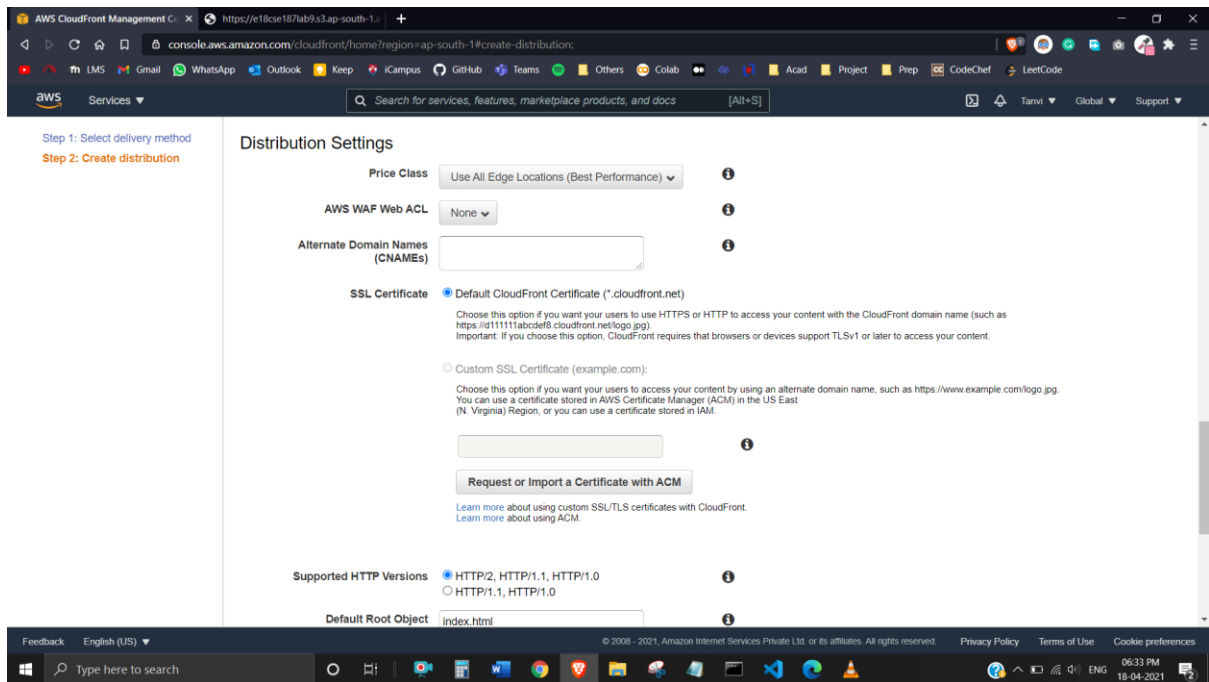
Step 1: Select delivery method
Step 2: Create distribution

| | | |
|---------------------------------------------------------------|------------------------------------------------------------------|---|
| Smooth Streaming | <input type="radio"/> Yes <input checked="" type="radio"/> No | ? |
| Restrict Viewer Access (Use Signed URLs or Signed Cookies) | <input type="radio"/> Yes <input checked="" type="radio"/> No | ? |
| Compress Objects Automatically | <input type="radio"/> Yes <input checked="" type="radio"/> No | ? |
| | Learn More | |
| Lambda Function Associations | | ? |
| CloudFront Event | Select Event Type | |
| | Learn More | |
| Enable Real-time Logs | <input type="radio"/> Yes <input checked="" type="radio"/> No | ? |

Distribution Settings

| | | |
|---------------------------------|------------------------------------------------------------------------------------|---|
| Price Class | Use All Edge Locations (Best Performance) | ? |
| AWS WAF Web ACL | None | ? |
| Alternate Domain Names (CNAMEs) | | ? |
| SSL Certificate | <input checked="" type="radio"/> Default CloudFront Certificate (*.cloudfront.net) | |

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AWS CloudFront Management Console screenshot showing the CloudFront Distributions page. The page displays a single distribution with ID E20F79CGQPM793, Domain Name d28suc05a5extd.cloudfront.net, and Status In Progress: Enabled. The page includes a sidebar with navigation options like Distributions, Policies, Telemetry, Reports & analytics, and Security. A warning banner at the top indicates a migration of the Certificate Authority for *.cloudfront.net certificates starting on March 23, 2021.

Follow the best practices for debugging CloudFront and Lambda@Edge. [Learn more](#)

Important: On March 23, 2021, CloudFront will begin migrating the Certificate Authority for the *.cloudfront.net certificate. For more information, refer to the [AWS Knowledge Center](#).

CloudFront Distributions

[Create Distribution](#) [Distribution Settings](#) [Delete](#) [Enable](#) [Disable](#)

Viewing: Any Delivery Method Any State << < Viewing 1 to 1 of 1 Items > >>

| Delivery Method | ID | Domain Name | Comment | Origin | CNAMEs | Status | State | Last Modified |
|-----------------|----------------|-------------------------------|---------|--------------|--------|----------------------|---------|---------------------|
| Web | E20F79CGQPM793 | d28suc05a5extd.cloudfront.net | - | e18cse187lal | - | In Progress: Enabled | Enabled | 2021-04-18 18:33 UT |

<< < Viewing 1 to 1 of 1 Items > >>

AWS CloudFront Management Console screenshot showing the CloudFront Distributions page. The page displays a single distribution with ID E20F79CGQPM793, Domain Name d28suc05a5extd.cloudfront.net, and Status Deployed. The page includes a sidebar with navigation options like Distributions, Policies, Telemetry, Reports & analytics, and Security. A warning banner at the top indicates a migration of the Certificate Authority for *.cloudfront.net certificates starting on March 23, 2021.

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Important: On March 23, 2021, CloudFront will begin migrating the Certificate Authority for the *.cloudfront.net certificate. For more information, refer to the [AWS Knowledge Center](#).

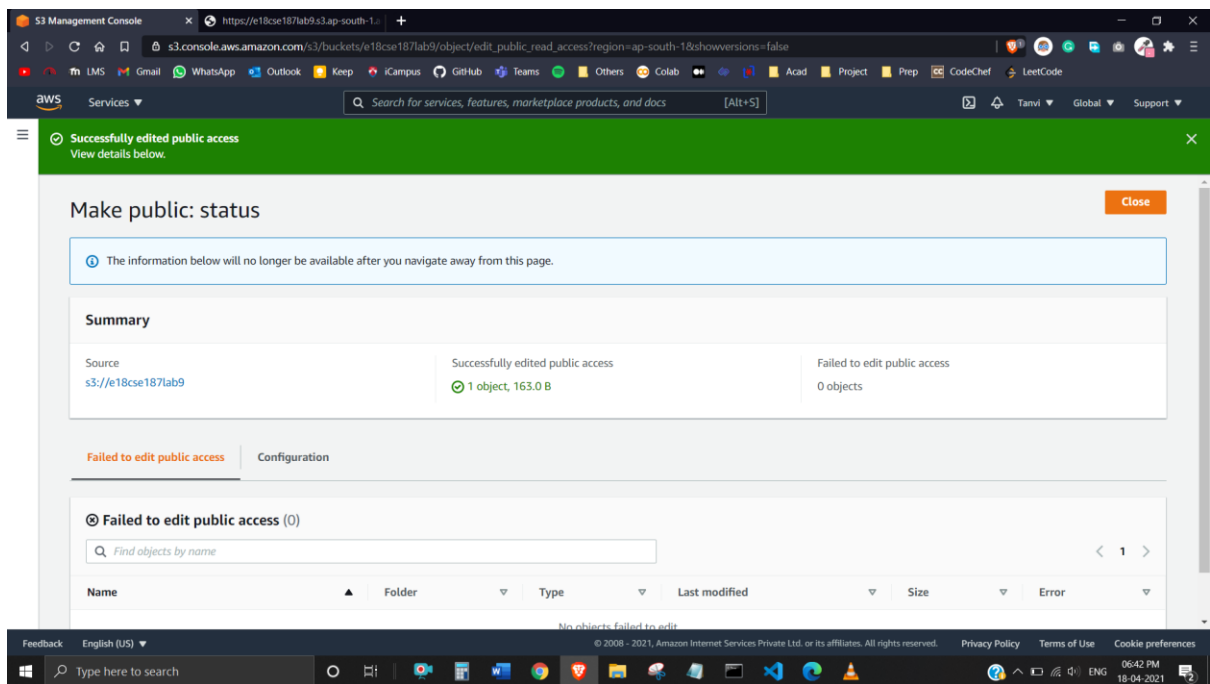
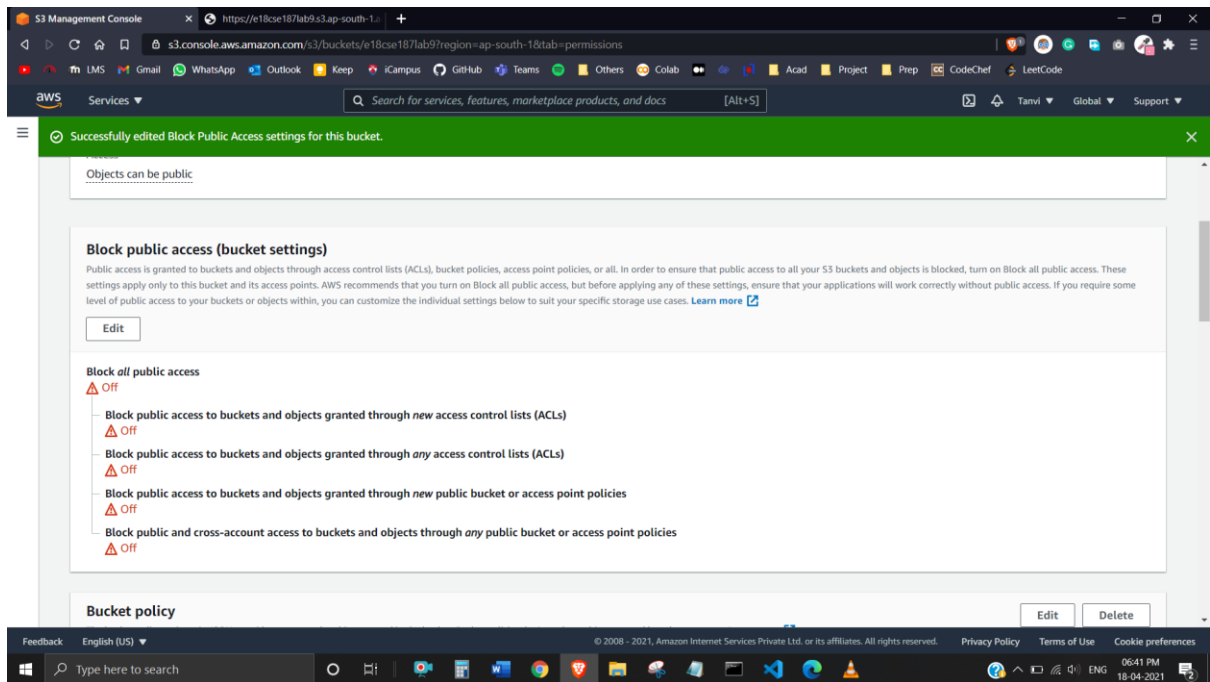
CloudFront Distributions

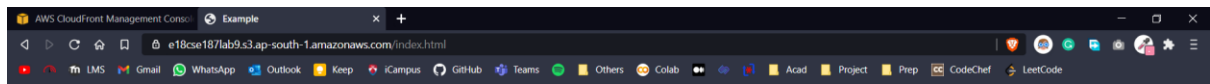
[Create Distribution](#) [Distribution Settings](#) [Delete](#) [Enable](#) [Disable](#)

Viewing: Any Delivery Method Any State << < Viewing 1 to 1 of 1 Items > >>

| Delivery Method | ID | Domain Name | Comment | Origin | CNAMEs | Status | State | Last Modified |
|-----------------|----------------|-------------------------------|---------|--------------|--------|----------|---------|---------------------|
| Web | E20F79CGQPM793 | d28suc05a5extd.cloudfront.net | - | e18cse187lal | - | Deployed | Enabled | 2021-04-18 18:33 UT |

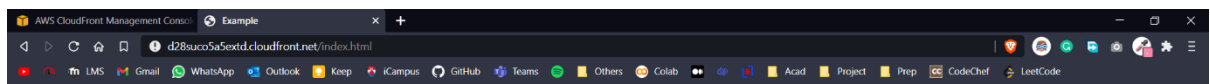
<< < Viewing 1 to 1 of 1 Items > >>





Example Heading

Example paragraph.



Example Heading

Example paragraph.

