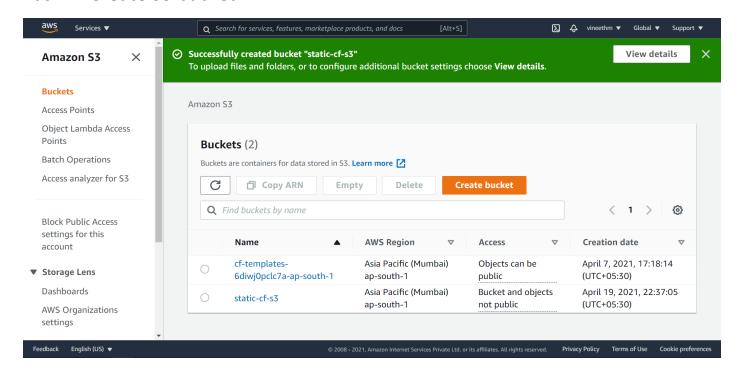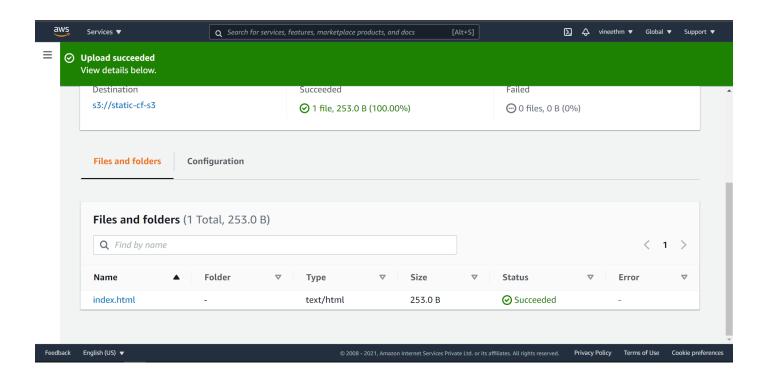Lab Assignment-09

CloudFront with S3 Bucket Origin

In this lab, we will host a static web content in an Amazon S3 bucket, protected and accelerated by Amazon CloudFront.
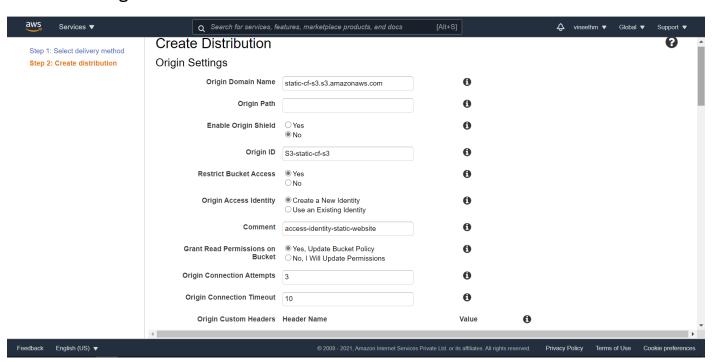
Task-1: Create S3 bucket.

Task-2: Upload html file of the static webpage.

Code for the website:

aws Services ▼   Search for services, features, marketplace products, and docs   [Alt+S]   vineethm ▼   Global ▼   Support ▼

✓ Upload succeeded
View details below.

Destination	Succeeded	Failed
s3://static-cf-s3	✓ 1 file, 253.0 B (100.00%)	☺ 0 files, 0 B (0%)

Files and folders   Configuration

Files and folders (1 Total, 253.0 B)

🔍 Find by name   < 1 >

Name ▲	Folder ▽	Type ▽	Size ▽	Status ▽	Error ▽
index.html	-	text/html	253.0 B	✓ Succeeded	-

Task-3: Configure Amazon CloudFront

aws Services ▼   Search for services, features, marketplace products, and docs   [Alt+S]   vineethm ▼   Global ▼   Support ▼

Step 1: Select delivery method
Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name	static-cf-s3.s3.amazonaws.com ⓘ
Origin Path	ⓘ
Enable Origin Shield	○ Yes ⦿ No ⓘ
Origin ID	S3-static-cf-s3 ⓘ
Restrict Bucket Access	⦿ Yes ○ No ⓘ
Origin Access Identity	⦿ Create a New Identity ○ Use an Existing Identity ⓘ
Comment	access-identity-static-website ⓘ
Grant Read Permissions on Bucket	⦿ Yes, Update Bucket Policy ○ No, I Will Update Permissions ⓘ
Origin Connection Attempts	3 ⓘ
Origin Connection Timeout	10 ⓘ
Origin Custom Headers	Header Name Value ⓘ

aws Services ▼

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

vineethm ▼   Global ▼   Support ▼

Step 1: Select delivery method
Step 2: Create distribution

Learn more about using custom SSL/TLS certificates with CloudFront.
Learn more about using ACM.

Supported HTTP Versions
- ⦿ HTTP/2, HTTP/1.1, HTTP/1.0
- ○ HTTP/1.1, HTTP/1.0

Default Root Object   `index.html`

Standard Logging
- ○ On
- ⦿ Off

S3 Bucket for Logs

Log Prefix

Cookie Logging
- ○ On
- ○ Off

Enable IPv6   ☑
Learn more

Comment

Distribution State
- ⦿ Enabled
- ○ Disabled

Privacy Policy   Terms of Use   Cookie preferences

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aws Services ▼

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vineethm ▼   Global ▼   Support ▼

CloudFront

Use CloudFront to serve a static website hosted on Amazon Simple Storage Service. 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.

Distributions
Policies
What's new ✳

▼ Telemetry
Monitoring
Alarms
Logs [NEW]

▼ Reports & analytics
Cache statistics
Popular objects
Top referrers
Usage
Viewers

▼ Security
Origin access identity

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	E2N2Q7F5DN697E	drj3uvvcxja5o.clo	-	static-cf-s3	-	⟳ In Progr	Enabled	2021-04-19 22:46

« ‹ Viewing 1 to 1 of 1 Items › »

Privacy Policy   Terms of Use   Cookie preferences

Task-4: Access the static website using the CloudFront Domain Name.