

TASK - 24

Cloud Front:

- Amazon CloudFront is a global Content Delivery Network (CDN) service from AWS that speeds up the distribution of web content like static and dynamic files, videos, and APIs to users worldwide.
- It achieves this by caching content in a global network of edge locations that are physically closer to end-users, reducing latency and improving performance.

Create a bucket in s3:

The screenshot shows the AWS S3 console interface. At the top, there are tabs for 'General purpose buckets' and 'All AWS Regions'. Below this, a table lists a single bucket: '01-bucketcloudfront'. The table includes columns for Name, AWS Region, and Creation date. To the right of the table, there are two informational boxes: 'Account snapshot' and 'External access summary - new'. At the bottom of the page, there are links for 'CloudShell', 'Feedback', and 'Console Mobile App', along with copyright information for 2025 and links for 'Privacy', 'Terms', and 'Cookie preferences'.

Upload the object:

The screenshot shows the AWS S3 console interface, specifically the 'Objects' tab for the '01-bucketcloudfront' bucket. The table lists four objects: 'index.html', 'templatem-sleeky-pro.css', 'templatem-sleeky-scripts.js', and a folder named 'images/'. The table includes columns for Name, Type, Last modified, Size, and Storage class. Action buttons for each object include Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload. At the bottom of the page, there are links for 'CloudShell', 'Feedback', and 'Console Mobile App', along with copyright information for 2025 and links for 'Privacy', 'Terms', and 'Cookie preferences'.

Create a distribution:

The screenshot shows the AWS CloudFront Distributions list page. The left sidebar includes sections for CloudFront, SaaS, Telemetry, and Reports & analytics. The main area displays a table titled 'Distributions (1)'. The table has columns for ID, Status, Description, Type, Domain name, Alternate domain names, Origins, and Last modified. One distribution is listed: E1QPZGMUXQL8C7, which is Enabled, cloudfront type, Standard, with domain name d25ndbbkx4qdrf.cloudfront.net, last modified on October 31, 2025.

The screenshot shows the AWS CloudFront Distribution details page for 'mycloudfrontdis'. The left sidebar is identical to the previous screenshot. The main area shows the distribution configuration under the 'General' tab. Key details include the distribution domain name (d25ndbbkx4qdrf.cloudfront.net), ARN (arn:aws:cloudfront::393827457998:distribution/E1QPZGMUXQL8C7), and last modified date (October 31, 2025 at 11:42:25 AM UTC). The 'Settings' tab shows the description (cloudfront), price class (Use all edge locations (best performance)), supported HTTP versions (HTTP/2, HTTP/1.1, HTTP/1.0), alternate domain names (empty), standard logging (Off), cookie logging (Off), and default root object (empty).

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

```
<ListBucketResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
<Name>01-bucketcloudfront</Name>
<Prefix/>
<Marker/>
<MaxKeys>1000</MaxKeys>
<IsTruncated>false</IsTruncated>
<Contents>
<Key>images/unplash-image-01.jpg</Key>
<LastModified>2025-10-31T11:40:12.000Z</LastModified>
<ETag>"1bfdf64a9fd49775d9966c56c832d4"</ETag>
<ChecksumAlgorithm>CRC64AVNME</ChecksumAlgorithm>
<ChecksumType>FULL_OBJECT</ChecksumType>
<Size>106321</Size>
<StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
<Key>images/unplash-image-02.jpg</Key>
<LastModified>2025-10-31T11:40:12.000Z</LastModified>
<ETag>"475fccc38798951890a2284a3d6531c9"</ETag>
<ChecksumAlgorithm>CRC64AVNME</ChecksumAlgorithm>
<ChecksumType>FULL_OBJECT</ChecksumType>
<Size>75156</Size>
<StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
<Key>images/unplash-image-03.jpg</Key>
<LastModified>2025-10-31T11:40:12.000Z</LastModified>
<ETag>"5afee2ad50c761243284eca6c5e25c"</ETag>
<ChecksumAlgorithm>CRC64AVNME</ChecksumAlgorithm>
<ChecksumType>FULL_OBJECT</ChecksumType>
<Size>148101</Size>
<StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
<Key>images/unplash-image-04.jpg</Key>
<LastModified>2025-10-31T11:40:12.000Z</LastModified>
<ETag>"cd27595ecc2c53dc5db363184a1b0c4"</ETag>
<ChecksumAlgorithm>CRC64AVNME</ChecksumAlgorithm>
<ChecksumType>FULL_OBJECT</ChecksumType>
<Size>146721</Size>
<StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
<Key>images/unplash-image-05.jpg</Key>
<LastModified>2025-10-31T11:40:13.000Z</LastModified>
```