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Inclass Assignment

Open AWS management console and create an S3 bucket and upload a file in it. Also enable the static website hosting for that bucket content.

The screenshot shows the AWS S3 Buckets page. At the top, there's an 'Account snapshot' section with metrics like Total storage (1.4 GB), Object count (199.2 k), and Average object size (7.2 KB). Below this is a table titled 'Buckets (42) Info' showing a list of buckets, their AWS Region, Access level, and Creation date. The buckets listed are: arlinweek11, aws-cloudtrail-logs-698668199773-b158ebd9, aws-cloudtrail-logs-698668199773-c0d6d55a, and aws-cloudtrail-logs-698668199773-c3f95060. The table includes columns for Name, AWS Region, Access, and Creation date.

The screenshot shows the 'Create bucket' page. Under 'General configuration', the 'Bucket name' field is set to 'akilas3bucketmicroservice'. The 'AWS Region' dropdown is set to 'US East (N. Virginia) us-east-1'. There's also a 'Choose bucket' button for copying settings from existing buckets. Under 'Object Ownership', it says 'Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.'

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

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Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

ACLs disabled (recommended)
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

⚠️ We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

Object Ownership

Bucket owner preferred
If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

Object writer
The object writer remains the object owner.

ⓘ If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)

Block Public Access settings for this bucket

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

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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 block all public access being turned off 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.

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

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Bucket Versioning

Disable

Enable

Tags - optional (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

No tags associated with this bucket.

Add tag

Default encryption Info

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type [Info](#)

Server-side encryption with Amazon S3 managed keys (SSE-S3)

Server-side encryption with AWS Key Management Service keys (SSE-KMS)

Dual-layer server-side encryption with AWS Key Management Service keys (DSS-E-KMS)
Secure your objects with two separate layers of encryption. For details on pricing, see [DSS-E-KMS pricing](#) on the Storage tab of the [Amazon S3 pricing page](#).

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

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Default encryption [Info](#)

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type [Info](#)

Server-side encryption with Amazon S3 managed keys (SSE-S3)

Server-side encryption with AWS Key Management Service keys (SSE-KMS)

Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)
Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the Storage tab of the [Amazon S3 pricing page](#).

Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

Disable Enable

Advanced settings

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel [Create bucket](#)

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s3.console.aws.amazon.com/s3/buckets?region=us-east-1

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Successfully created bucket "akilas3bucketmicroservice". To upload files and folders, or to configure additional bucket settings, choose [View details](#).

Amazon S3 > Buckets

Account snapshot

Last updated: Nov 8, 2023 by Storage Lens. Metrics are generated every 24 hours. [Learn more](#)

Total storage Object count Average object size You can enable advanced metrics in the "default-account-dashboard" configuration.

1.4 GB 199.2 k 7.2 KB

Buckets (44) Info

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

Find buckets by name

Name	AWS Region	Access	Creation date
akilas3bucketmicroservice	US East (N. Virginia) us-east-1	Objects can be public	November 9, 2023, 12:41:15 (UTC-07:00)
arlinbucket1	US East (N. Virginia) us-east-1	Objects can be public	November 9, 2023, 12:37:53 (UTC-07:00)
ardisweek11	US East (N. Virginia) us-east-1	Objects can be public	November 9, 2023, 11:31:52 (UTC-07:00)

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s3.console.aws.amazon.com/s3/buckets/akilas3bucketmicroservice?region=us-east-1&tab=objects

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Amazon S3 > Buckets > akilas3bucketmicroservice

akilas3bucketmicroservice [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (0)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Actions [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix

Name	Type	Last modified	Size	Storage class
No objects				
You don't have any objects in this bucket.				
Upload				

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s3.console.aws.amazon.com/s3/upload/akilas3bucketmicroservice?region=us-east-1

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Amazon S3 > Buckets > akilas3bucketmicroservice > Upload

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 folder](#).

Files and folders (1 Total, 839.0 B)					
<small>All files and folders in this table will be uploaded.</small>					
<input type="text"/> Find by name					
Name	Folder	Type	Size		
index.html	-	text/html	839.0 B		

Destination

Destination
s3://akilas3bucketmicroservice

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s3.console.aws.amazon.com/s3/upload/akilas3bucketmicroservice?region=us-east-1

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Upload succeeded

View details below.

Upload: status

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

Summary		
Destination	Succeeded	Failed
s3://akilas3bucketmicroservice	1 file, 839.0 B (100.00%)	0 files, 0 B (0%)

Files and folders Configuration

Files and folders (1 Total, 839.0 B)									
<input type="text"/> Find by name									
Name	Folder	Type	Size	Status	Error				
index.html	-	text/html	839.0 B	Succeeded					

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s3.console.aws.amazon.com/s3/buckets/akilas3bucketmicroservice?region=us-east-1&tab=properties

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Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. Object Lock works only in versioned buckets. [Learn more](#)

Object Lock
Disabled

Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact [Customer Support](#)

Requester pays

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays
Disabled

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting
Disabled

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Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting
 Disable
 Enable

Hosting type
 Host a static website
Use the bucket endpoint as the web address. [Learn more](#)
 Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#).

Index document
Specify the home or default page of the website.
index.html

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Also edit the ACL which is enable read and list for everyone.

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

Grantee	Objects	Bucket ACL
Bucket owner (your AWS account)	<input checked="" type="checkbox"/> List <input checked="" type="checkbox"/> Write	<input checked="" type="checkbox"/> Read <input checked="" type="checkbox"/> Write
Everyone (public access) Group: http://acs.amazonaws.com/groups/global/AllUsers	<input checked="" type="checkbox"/> List <input type="checkbox"/> Write	<input checked="" type="checkbox"/> Read <input type="checkbox"/> Write
Authenticated users group (anyone with an AWS account) Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers	<input type="checkbox"/> List <input type="checkbox"/> Write	<input type="checkbox"/> Read <input type="checkbox"/> Write

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Screenshot of the AWS S3 console showing the 'Objects' tab for the 'akilas3bucketmicroservice' bucket. The table lists one object: 'index.html' (html type, 839.0 B, Standard storage class). The 'Actions' dropdown menu is open, showing options like 'Rename object', 'Edit storage class', and 'Make public using ACL'. A tooltip for 'Make public using ACL' is visible.

Screenshot of the AWS S3 console showing the 'Edit public access' page for the 'akilas3bucketmicroservice' bucket. A green success message says 'Successfully edited public access'. The 'Summary' section shows 'Source: s3://akilas3bucketmicroservice' and 'Successfully edited public access: 1 object, 839.0 B'. The 'Failed to edit public access' section is empty. A tooltip for 'Failed to edit public access' is visible.

Screenshot of a web browser showing the website generated by the S3 bucket. The URL is 'https://s3.console.aws.amazon.com/s3/buckets/akilas3bucketmicroservice?region=us-east-1'. The page displays a travel video thumbnail for '10 Best Places to Visit in India - Travel Video' and a section titled 'INDIA PLACES' with a large image of a Indian city. Below the video thumbnail, there's a list of interesting things about India: Multiculture, Spicy foods, Traditional dresses, and Different festivals.

Now ccloudFront -> distribution -> new distribution

Classification: General

us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/create

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CloudFront > Distributions > Create

Create distribution

Origin

Origin domain
Choose an AWS origin, or enter your origin's domain name.

Origin path - optional Info
Enter a URL path to append to the origin domain name for origin requests.

Name
Enter a name for this origin.

Add custom header - optional
CloudFront includes this header in all requests that it sends to your origin.

Enable Origin Shield Info

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Here paste from the URL(Remove the https and / in the end) not from the dropdown select

us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/create

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Origin

Origin domain
Choose an AWS origin, or enter your origin's domain name.

Use: akilas3bucketmicroservice.s3-website-us-east-1.amazonaws.com

Amazon S3

- akilas3bucketmicroservice.s3.amazonaws.com
- arlinbucket1.s3.amazonaws.com
- arlinweek11.s3.amazonaws.com
- aws-cloudtrail-logs-698668199773-b158ebd9.s3.amazonaws.com

us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/create

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CloudFront > Distributions > Create

Create distribution

Origin

Origin domain
Choose an AWS origin, or enter your origin's domain name.

Protocol Info
 HTTP only
 HTTPS only
 Match viewer

HTTP port
Enter your origin's HTTP port. The default is port 80.

HTTPS port
Enter your origin's HTTPS port. The default is port 443.

Minimum origin SSL protocol Info

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us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/create

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HTTPS port
Enter your origin's HTTPS port. The default is port 443.

Minimum origin SSL protocol [Info](#)
The minimum SSL protocol that CloudFront uses with the origin.
 TLSv1.2
 TLSv1.1
 TLSv1
 SSLv3

Origin path - optional [Info](#)
Enter a URL path to append to the origin domain name for origin requests.

Name
Enter a name for this origin.

Add custom header - optional
CloudFront includes this header in all requests that it sends to your origin.

Enable Origin Shield [Info](#)

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Add header

Enable Origin Shield [Info](#)
Origin Shield is an additional caching layer that can help reduce the load on your origin and help protect its availability.
 No
 Yes

Additional settings

Connection attempts
The number of times that CloudFront attempts to connect to the origin, from 1 to 3. The default is 3.

Connection timeout
The number of seconds that CloudFront waits for a response from the origin, from 1 to 10. The default is 10.

Response timeout - only applicable to custom origins
The number of seconds that CloudFront waits for a response from the origin, from 1 to 60. The default is 30.

Keep-alive timeout - only applicable to custom origins
The number of seconds that CloudFront maintains an idle connection with the origin, from 1 to 60. The default is 5.

Default cache behavior

Path pattern [Info](#)

Compress objects automatically [Info](#)
 No
 Yes

Viewer

Viewer protocol policy
 HTTP and HTTPS
 Redirect HTTP to HTTPS
 HTTPS only

Allowed HTTP methods
 GET, HEAD
 GET, HEAD, OPTIONS
 GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE

Restrict viewer access
If you restrict viewer access, viewers must use CloudFront signed URLs or signed cookies to access your content.
 No
 Yes

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The screenshot shows the 'Cache key and origin requests' section of the AWS CloudFront distribution creation interface. It includes fields for 'Cache policy and origin request policy (recommended)', 'Legacy cache settings', 'Cache policy' (set to 'CachingOptimized'), 'Origin request policy - optional', 'Response headers policy - optional', and 'Additional settings'.

Here check the “Do not enable security protections” and leave everything as it is.

The screenshot shows the 'Function associations - optional' and 'Web Application Firewall (WAF)' sections. In the WAF section, the 'Do not enable security protections' option is selected, while 'Enable security protections' is unselected.

us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/create

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Settings

Price class [Info](#)
Choose the price class associated with the maximum price that you want to pay.

Use all edge locations (best performance)
 Use only North America and Europe
 Use North America, Europe, Asia, Middle East, and Africa

Alternate domain name (CNAME) - *optional*
Add the custom domain names that you use in URLs for the files served by this distribution.
[Add item](#)

To add a list of alternative domain names, use the [bulk editor](#).

Custom SSL certificate - *optional*
Associate a certificate from AWS Certificate Manager. The certificate must be in the US East (N. Virginia) Region (us-east-1).

[Choose certificate](#) [Edit](#)

Request certificate [Edit](#)

Supported HTTP versions
Add support for additional HTTP versions. HTTP/1.0 and HTTP/1.1 are supported by default.

HTTP/2
 HTTP/3

Default root object - *optional*
The object (file name) to return when a viewer requests the root URL (/) instead of a specific object.

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us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/create

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Services Search [Alt+S]

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Request certificate [Edit](#)

Supported HTTP versions
Add support for additional HTTP versions. HTTP/1.0 and HTTP/1.1 are supported by default.

HTTP/2
 HTTP/3

Default root object - *optional*
The object (file name) to return when a viewer requests the root URL (/) instead of a specific object.

Standard logging
Get logs of viewer requests delivered to an Amazon S3 bucket.

Off
 On

IPv6
 Off
 On

Description - *optional*

[Create distribution](#)

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us-east-1.console.aws.amazon.com/cloudfront/v4/home?region=us-east-1#/distributions/ESDQ5I6HDM7QF

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Services Search [Alt+S]

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Successfully created new distribution.

CloudFront > Distributions > ESDQ5I6HDM7QF

ESDQ5I6HDM7QF

[View metrics](#)

General Origins Behaviors Error pages Geographic restrictions Invalidations Tags

Details

Distribution domain name d3d0r1xp71cet.cloudfront.net	ARN arn:aws:cloudfront::698668199773:distribution/ESDQ5I6HDM7QF	Last modified Deploying
--	--	--

Settings

Description -	Alternate domain names -	Standard logging Off
Price class Use all edge locations (best performance)		Cookie logging Off
Supported HTTP versions		Default root object

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Cloudfront -> functions -> create function. Name your function

The screenshot shows the AWS CloudFront Functions list page. On the left, there's a sidebar with navigation links like Distributions, Policies, Functions (which is selected), Telemetry, Reports & analytics, Security, and others. The main area displays a table titled 'Functions (19)' with columns for Name, Status, Description, and Last modified. Most functions are in a 'Deployed' status, except for one labeled 'Updating'. The last modified column shows dates from November 8 to November 9, 2023.

Name	Status	Description	Last modified
Authentication-juju	Deployed	-	November 9, 2023 at 6:50:42 PM UTC
RaphaelFunction	Deployed	-	November 9, 2023 at 6:57:01 PM UTC
ash9999	Deployed	-	November 9, 2023 at 7:10:05 PM UTC
auth	Deployed	-	November 9, 2023 at 6:51:04 PM UTC
authenticationshulin	Deployed	-	November 9, 2023 at 6:51:55 PM UTC
basic-auth	Deployed	-	November 8, 2023 at 3:13:33 AM UTC
basic-auth-rehan	Updating	basic-auth-rehan	November 9, 2023 at 6:53:19 PM UTC
clcm3404-452090-auth	Deployed	-	November 9, 2023 at 6:51:01 PM UTC
ifeauthentication	Deployed	-	November 9, 2023 at 6:50:58 PM UTC
jayauthcheck	Deployed	-	November 9, 2023 at 6:55:19 PM UTC

The screenshot shows the 'Create function' details page. It has a 'Details' section with fields for 'Name' (containing 'cfauthakila') and 'Description - optional' (empty). At the bottom, there are 'Cancel' and 'Create function' buttons. The 'Create function' button is highlighted with a yellow background.

```

C: > Users > akila > Downloads > js basicauth.js > handler > authUser
1  function handler(event) {
2    var request = event.request;
3    var headers = request.headers;
4
5    console.log("Kindly input your credentials to login")
6
7    // basic auth
8    var authUser = 'akila'; // Specify any value
9    var authPass = 'admin'; // // Specify any value
10   var authString = 'Basic ' + (authUser + ':' + authPass).toString('base64');
11
12  if (typeof headers.authorization == 'undefined' || headers.authorization.value != authString) {
13    var response = {
14      statusCode: 401,
15      statusDescription: 'Unauthorized',
16      headers: {
17        'www-authenticate': {
18          'value' : 'Basic realm="Enter credentials."'
19        }
20      }
21    };
22    return response;
23  }
24
25  return request;
26 }

```

Ln 8, Col 24 Spaces: 4 UTF-8 CRLF {} JavaScript ⚡ Go Live 🌐

Paste the downloaded code in the function which is created

The screenshot shows the AWS CloudFront Functions console. At the top, the URL is `us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/functions/cfauthakila`. Below the URL, there's a navigation bar with links for BVC, CTS, IRCC, Cloud, others, and Get Ahead in Retail... On the left, there's a sidebar with CloudFront > Functions > cfauthakila. The main area shows the function details:

Name	cfauthakila	Description	-
ARN	<code>arn:aws:cloudfront::698668199773:function:cfauthakila</code>	Last modified	November 9, 2023 at 7:57:08 PM UTC

Below the details, there are tabs for Build, Test, and Publish. The Build tab is selected. Under the Function code section, there are Development and Live tabs, with Development selected. The code editor contains the following JavaScript code:

```

1  function handler(event) {
2    var request = event.request;
3    var headers = request.headers;
4
5    console.log("Kindly input your credentials to login")
6
7    // basic auth
8    var authUser = 'akila'; // Specify any value
9    var authPass = 'admin'; // // Specify any value
10   var authString = 'Basic ' + (authUser + ':' + authPass).toString('base64');
11
12  if (typeof headers.authorization == 'undefined' || headers.authorization.value != authString) {
13    var response = {
14      statusCode: 401,
15      statusDescription: 'Unauthorized',
16      headers: {
17        'www-authenticate': {
18          'value' : 'Basic realm="Enter credentials."'
19        }
20      }
21    };
22    return response;
23  }
24
25  return request;
26 }

```

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```

1▼ function handler(event) {
2  var request = event.request;
3  var headers = request.headers;
4
5  console.log("Kindly input your credentials to login")
6
7  // basic auth
8  var authUser = 'akila'; // Specify any value
9  var authPass = 'admin'; // // Specify any value
10 var authString = 'Basic ' + (authUser + ':' + authPass).toString('base64');
11
12▼ if (typeof headers.authorization == 'undefined' || headers.authorization.value != authString) {
13  var response = {
14    statusCode: 401,
15    statusDescription: 'Unauthorized',
16    headers: {
17      'www-authenticate': {
18        'value' : 'Basic realm="Enter credentials."'
19      }
20    }
21  };
22  return response;
23}
24

```

JavaScript Ln 26, Col 2 Errors: 0 Warnings: 0

After saving this click test function

arn:aws:cloudfront::698668199773:function:cfauthakila November 9, 2023 at 8:01:16 PM UTC

Test function

Edit JSON Save Test function

Select test event

+ New test event

Event type

The event type to test.

Viewer request Development

Request

HTTP method

GET /index.html

URL path

IP address

IP address of the request.

Click publish function

cfauthakila

Delete

Details

Name cfauthakila

ARN arn:aws:cloudfront::698668199773:function:cfauthakila

Description

-

Last modified November 9, 2023 at 8:01:16 PM UTC

Publish

Publish this function to copy it from the development stage to the live stage. Then you can associate the live function with one or more cache behaviors in your CloudFront distributions.

Publish function

Classification: General

Later edit the behaviour

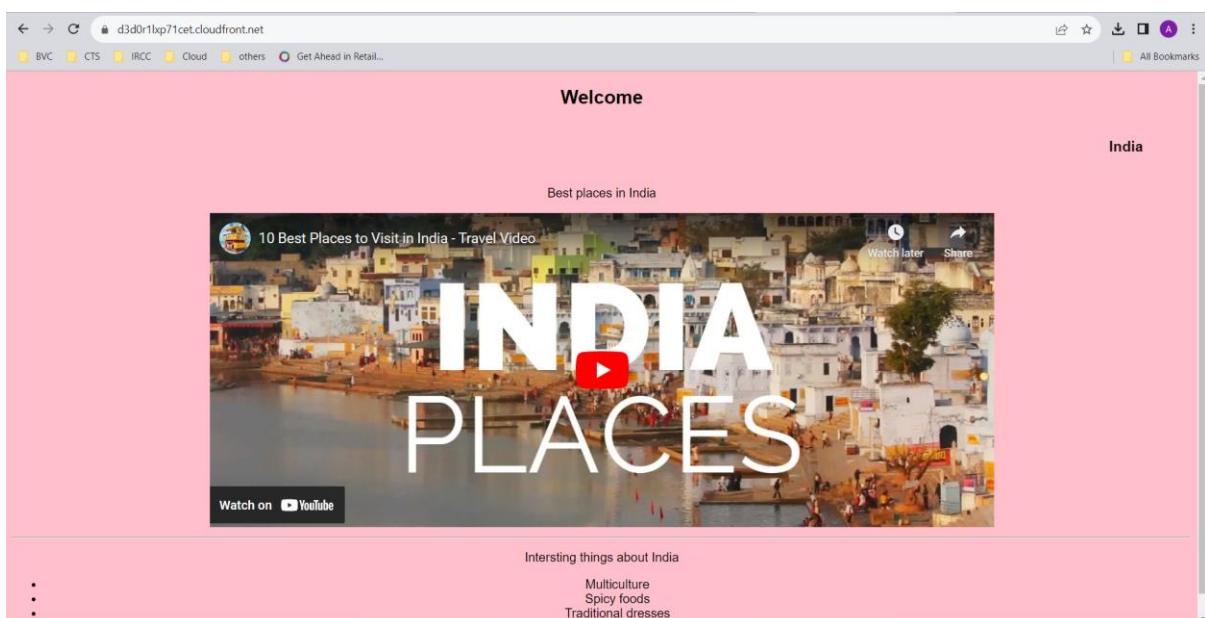
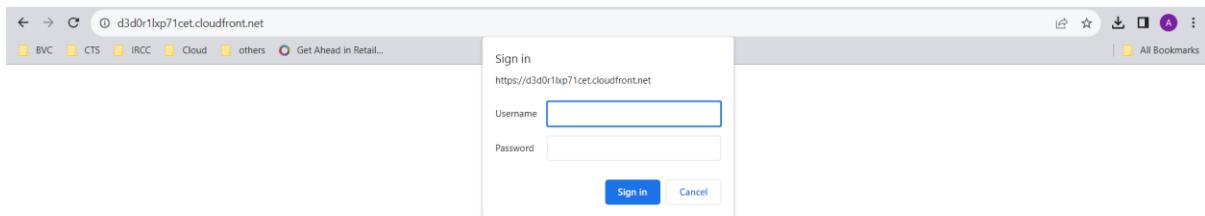
The screenshot shows the AWS CloudFront Behaviors page for distribution ESDQ5I6HDM7QF. The left sidebar includes sections for Distributions, Policies, Functions, Telemetry, Reports & analytics, Security, and CloudShell. The main content area displays a table titled 'Behaviors' with one row: 'Default (*)' with 'akilas3bucketmic...' as the origin or origin path, 'Redirect HTTP to ...' as the viewer protocol, and 'Managed-CachingOptim...' as the cache policy name.

Change the viewer request as cloudFront Functions and ur function name.

The screenshot shows the 'Create origin request policy' page. Under 'Function associations - optional', it lists associations for 'Viewer request', 'Viewer response', 'Origin request', and 'Origin response' using CloudFront Functions. The 'Viewer request' association is set to 'CloudFront Functions' with ARN 'cfauthakila'. The 'Save changes' button is visible at the bottom right.

Copy the link and check once

The screenshot shows the CloudFront Distribution Details page for distribution ESDQ5I6HDM7QF. A success message 'Distribution domain name copied' is displayed. The distribution details include ARN 'arn:aws:cloudfront::698668199773:distribution/ESDQ5I6HDM7QF' and 'Last modified' status 'Deploying'. The 'Edit' button is located in the top right of the settings section.



Cloudfront ->viewers

The screenshot shows the AWS CloudFront console under the 'Viewers' tab. The left sidebar contains a navigation menu with items such as Distributions, Policies, Functions, Telemetry, Reports & analytics, Viewers, Security, and CloudShell. The 'Viewers' section is currently selected. In the main content area, there is a pie chart illustrating the distribution of devices. The data is as follows:

Device Type	Percentage
Desktop	55.0%
Custom	40.7%
Mobile	1.7%
Bot/Crawler	2.7%

Below the pie chart, there are two input fields: 'Date range' (set to 'Last 7 days') and 'Filter displayed data' (with a dropdown menu labeled 'Filter data').

Signup in postman.com

The screenshot shows the official Postman website at [postman.com](https://www.postman.com). The main header includes links for Product, Pricing, Enterprise, Resources and Support, and Public API Network. A search bar and navigation buttons for Contact Sales, Sign In, and Sign Up for Free are also present. The central content area features a yellow banner with the text "Debug APIs together". Below it, a message encourages users to sign up or download the desktop app. The main workspace shows a request editor for a "Retain a database" endpoint, displaying query parameters, path variables, and a JSON response body. A cartoon illustration of three characters interacting with a rocket ship is visible in the bottom right corner.

New -> http -> paste the url and press send button

The screenshot shows the Postman workspace interface at [web.postman.co](https://web.postman.co/workspace/My-Workspace--93949305-7dad-431f-80f5-44916a1ac136/request/create?requestId=5f7539c7-752b-4447-90a0-130708d5b358). The left sidebar shows collections and environments. The main area displays a modal dialog for creating a new request titled "Untitled Request". The dialog includes tabs for GET, POST, PUT, and DELETE, with "HTTP" selected. It has sections for Params, Authorization, Query Params, Key, Response, and a note about the Hypertext Transfer Protocol. A "Send" button is located in the top right of the dialog. The background workspace shows a collection named "My first collection" with several items.

The screenshot shows the Postman workspace interface at [web.postman.co](https://web.postman.co/workspace/My-Workspace--93949305-7dad-431f-80f5-44916a1ac136/request/create?requestId=d5fb89f7-0e84-43c8-ba50-b9ec67c1cb6). The left sidebar shows collections and environments. The main area displays a request for "https://d3d0rlxp71cet.cloudfront.net/" using the GET method. The "Authorization" tab is selected, showing "Basic Auth" with fields for Username ("akila") and Password ("admin"). The response status is 401 Unauthorized. The bottom of the screen shows the Postbot, Runner, Auto-select agent, Cookies, and Trash buttons.

Once u given the username and password u can able to see the code

The screenshot shows the Postman application interface. On the left, there's a sidebar with 'My Workspace' containing 'Collections', 'History', and a 'Create a collection for your requests' section. A 'Collections' icon is highlighted. In the main area, a collection named 'My first collection' is expanded, showing two folders: 'First folder inside collection' and 'Second folder inside collection'. Below this, there's a note about collections: 'A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.' A 'Create Collection' button is visible. The central part of the screen shows a request configuration for 'GET https://d3d0r1xp71cet.cloudfront.net/'. The 'Authorization' tab is selected, showing 'Basic Auth' with 'Username' set to 'akila' and 'Password' set to 'admin'. A note says: 'The authorization header will be automatically generated when you send the request. Learn more about [authorization](#)'. Below this, the 'Body' tab is selected, showing the raw HTML response from the server:

```
18 <marquee>
19 | <h3>India</h3>
20 </marquee>
21 <p>Best places in India</p>
22
23 <iframe width="100%" height="400" src="https://www.youtube.com/embed/IgAnj6r104B7s1sV4UjEK3dgk1FB65"
24 | title="YouTube video player" frameborder="0"
25 allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"
26 allowfullscreen></iframe>
```

The response status is 'Status: 200 OK' with 'Time: 549 ms' and 'Size: 1.6 KB'. At the bottom, there are buttons for 'Save as example', 'Postbot', 'Runner', 'Auto-select agent', 'Cookies', 'Trash', and other options.

Open a command prompt and give as follows : “curl “+ url also “curl” + url and in the url add the uname and pwd next to https://

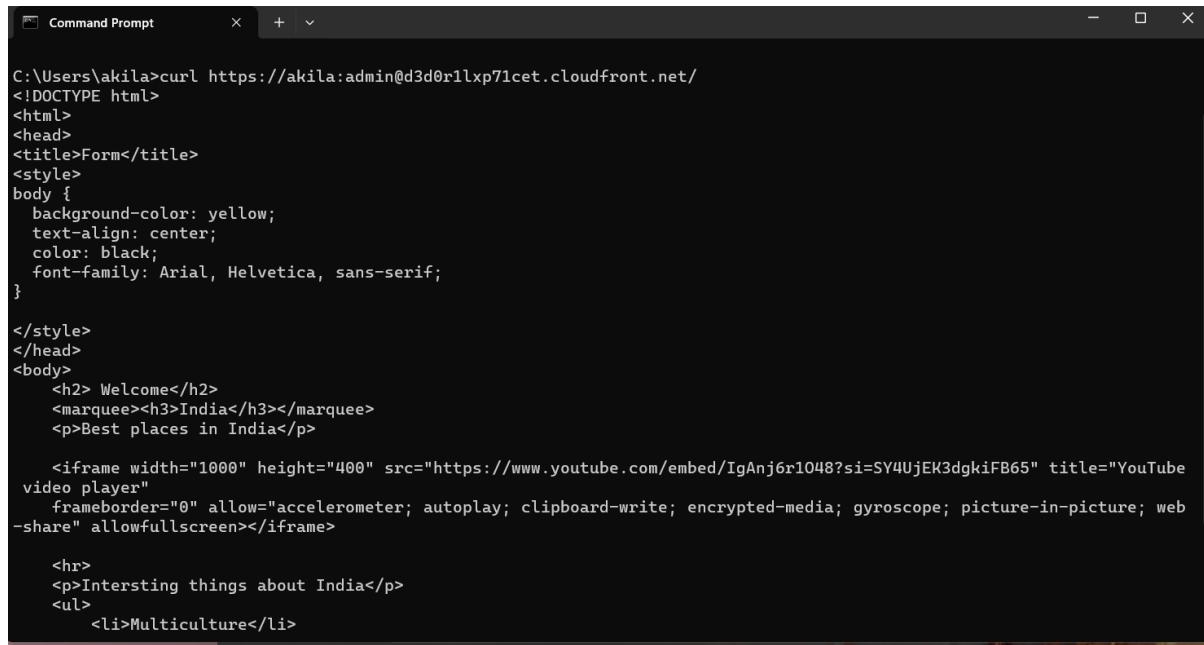
The screenshot shows a Windows Command Prompt window titled 'Command Prompt'. It displays two 'curl' commands:

```
C:\Users\akila>curl https://d3d0r1xp71cet.cloudfront.net/
C:\Users\akila>curl https://akila:admin@d3d0r1xp71cet.cloudfront.net/
```

The second command's output is shown in a pinkish-red background window. It contains the text 'Interesting things about India' followed by a list:

- Multiculture
- Spicy foods
- Traditional dresses

After that u can able to see the code here in the cmd



```
C:\Users\akila>curl https://akila:admin@d3d0rlxp71cet.cloudfront.net/
<!DOCTYPE html>
<html>
<head>
<title>Form</title>
<style>
body {
    background-color: yellow;
    text-align: center;
    color: black;
    font-family: Arial, Helvetica, sans-serif;
}

</style>
</head>
<body>
    <h2> Welcome</h2>
    <marquee><h3>India</h3></marquee>
    <p>Best places in India</p>

    <iframe width="1000" height="400" src="https://www.youtube.com/embed/IgAnj6r1048?si=SY4UjEK3dgkiFB65" title="YouTube
video player"
frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web
-share" allowfullscreen></iframe>

    <hr>
    <p>Intersting things about India</p>
    <ul>
        <li>Multiculture</li>
```