

Skill 4: Create a S3 bucket and host a static website with and without Cloud Front

The screenshot shows the AWS CloudFront console for a distribution named E3EQ55XHHEKP8Q. The left sidebar contains navigation links for CloudFront, Distributions, Policies, Functions, Static IPs, VPC origins, What's new, Telemetry, Reports & analytics, Security, and Key management. The main content area displays the distribution's details and settings. A blue banner at the top introduces the CloudFront Security Dashboard. The details section shows the distribution domain name as d1uljpploxrn.cloudfront.net, the ARN as arn:aws:cloudfront::533267383305:distribution/E3EQ55XHHEKP8Q, and the last modified date as January 9, 2025 at 9:19:11 AM UTC. The settings section includes a description, price class (Use all edge locations (best performance)), supported HTTP versions (HTTP/2, HTTP/1.1, HTTP/1.0), alternate domain names, standard logging (Off), cookie logging (Off), and default root object (-).

CloudFront > **Distributions** > E3EQ55XHHEKP8Q

Introducing the CloudFront Security Dashboard
The new security tab is a unified place to configure, manage, and monitor security for your CloudFront distribution. The built-in dashboard gives you visibility into top security trends, allowed and blocked traffic, as well as visibility and controls for bots. CloudFront geographic restrictions are now part of the security dashboard.

E3EQ55XHHEKP8Q [View metrics](#)

General | Security | Origins | Behaviors | Error pages | Invalidations | Tags | Logging

Details

Distribution domain name
d1uljpploxrn.cloudfront.net

ARN
arn:aws:cloudfront::533267383305:distribution/E3EQ55XHHEKP8Q

Last modified
January 9, 2025 at 9:19:11 AM UTC

Settings [Edit](#)

Description
-

Alternate domain names
-

Standard logging
Off

Price class
Use all edge locations (best performance)

Cookie logging
Off

Supported HTTP versions
HTTP/2, HTTP/1.1, HTTP/1.0

Default root object
-

The screenshot shows the AWS S3 console for a bucket named websitehosting404. The left sidebar contains navigation links for Amazon S3, General purpose buckets, Directory buckets, Access Grants, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings for this account, Storage Lens, Dashboards, Storage Lens groups, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area displays the bucket's details. A blue banner at the top introduces the Account snapshot. The details section shows the bucket's name, AWS Region (US East (N. Virginia) us-east-1), IAM Access Analyzer, and creation date (January 9, 2025, 14:29:36 (UTC+05:30)).

Amazon S3 > **Buckets**

Account snapshot - updated every 24 hours [View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. [Learn more](#)

General purpose buckets | Directory buckets

General purpose buckets (1) [Info](#) [All AWS Regions](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3.

Name	AWS Region	IAM Access Analyzer	Creation date
websitehosting404	US East (N. Virginia) us-east-1	View analyzer for us-east-1	January 9, 2025, 14:29:36 (UTC+05:30)

The screenshot shows the AWS Management Console for the bucket 'websitehosting404'. The left sidebar contains navigation options like 'General purpose buckets', 'Access Grants', and 'Storage Lens'. The main content area displays the 'Bucket policy' section, which includes a JSON policy document. The policy allows the 'cloudfront:user/CloudFront Origin Access Identity EAGCNFG7TR2LE' to perform the 's3:GetObject' action on the bucket. There are 'Edit', 'Delete', and 'Copy' buttons for the policy. Below the policy, the 'Object Ownership' section is visible with an 'Edit' button. The bottom of the console shows the 'CloudShell' and 'Feedback' links, along with the copyright notice '© 2025, Amazon Web Services, Inc. or its affiliates'.

Amazon S3

General purpose buckets

Directory buckets

Table buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

▼ **Storage Lens**

Dashboards

Storage Lens groups

AWS Organizations settings

Feature spotlight 10

► AWS Marketplace for S3

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

```
{
  "Version": "2008-10-17",
  "Id": "PolicyForCloudFrontPrivateContent",
  "Statement": [
    {
      "Sid": "1",
      "Effect": "Allow",
      "Principal": {
        "AWS": "arn:aws:iam::cloudfront:user/CloudFront Origin Access Identity EAGCNFG7TR2LE"
      },
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::websitehosting404/*"
    }
  ]
}
```

Object Ownership

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The screenshot shows the homepage of the 'Kider' website. The header includes the 'Kider' logo, navigation links for 'Home', 'About Us', 'Classes', 'Pages', and 'Contact Us', and a 'Join Us' button. The main content area features a large image of a young child playing with educational cards. Overlaid on the image is the text 'Best Kindergarten School for Your Child' and a paragraph of placeholder text. A 'Learn More' button is visible in the bottom right corner. The website has a clean, modern design with a white background and orange accents.

Kider

Home About Us Classes Pages Contact Us

Join Us

Best Kindergarten School for Your Child

Ipsum dolor at sed stet sit diam no. Kasd rebum ipsum et diam justo clita et kasd rebum seam elit.

Learn More

The screenshot shows the AWS CloudFront console for a specific distribution. At the top, there's a navigation bar with the AWS logo and a search bar. Below it, the breadcrumb trail reads 'CloudFront > Distributions > E3EQ55XHHEKP8Q'. A blue notification banner at the top left introduces the CloudFront Security Dashboard. The main content area has tabs for 'General', 'Security', 'Origins', 'Behaviors', 'Error pages', 'Invalidations', 'Tags', and 'Logging'. The 'General' tab is active, showing 'Details' and 'Settings' sections. The 'Details' section includes the distribution domain name 'd1uljjpplxorn.cloudfront.net', the ARN 'arn:aws:cloudfront::533267383305:distribution/E3EQ55XHHEKP8Q', and the last modified status 'Deploying'. The 'Settings' section includes the description, price class (Use all edge locations), supported HTTP versions (HTTP/2, HTTP/1.1, HTTP/1.0), alternate domain names, standard logging (Off), cookie logging (Off), and default root object. A 'View metrics' button is located in the top right corner of the details section. At the bottom, there's a footer with 'CloudShell', 'Feedback', and copyright information for Amazon Web Services.

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E3EQ55XHHEKP8Q

[View metrics](#)

General | Security | Origins | Behaviors | Error pages | Invalidations | Tags | Logging

Details

Distribution domain name d1uljjpplxorn.cloudfront.net	ARN arn:aws:cloudfront::533267383305:distribution/E3EQ55XHHEKP8Q	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 HTTP/2, HTTP/1.1, HTTP/1.0		Default root object -

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The screenshot shows the homepage of the Kider website. The header features the Kider logo, navigation links for 'Home', 'About Us', 'Classes', 'Pages', and 'Contact Us', and a 'Join Us' button. The main content area has a large hero image of a child playing with educational toys. Overlaid on the image is the text 'The Best Kindergarten School For Your Child' and a paragraph of placeholder text. Below the text are two buttons: 'Learn More' and 'Our Classes'. The footer is not visible in this screenshot.

Kider

Home About Us Classes Pages Contact Us

Join Us

The Best Kindergarten School For Your Child

Vero elit justo clita lorem. Ipsum dolor at sed stet sit diam no. Kasd rebum ipsum et diam justo clita et kasd rebum sea elit.

Learn More Our Classes