

# CSC-SKILL-7

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Sec:13

The screenshot shows the Amazon S3 console homepage. On the left, there's a sidebar with navigation links like 'Buckets', 'Access Points', 'Object Lambda Access Points', etc. The main content area features the 'Amazon S3' logo and the tagline 'Store and retrieve any amount of data from anywhere'. Below this, there's a section titled 'How it works' with a video thumbnail. To the right, there are three callout boxes: 'Create a bucket', 'Pricing', and 'Resources'. The 'Create a bucket' box contains instructions and a 'Create bucket' button. The 'Pricing' box mentions no minimum fees and provides a link to the AWS Simple Monthly Calculator. The 'Resources' box links to more information. The browser status bar at the bottom shows the URL s3.console.aws.amazon.com/s3/get-started?region=us-east-1&region=us-east-1.

The screenshot shows the 'Create bucket' configuration page. The top navigation bar includes 'Amazon S3 > Buckets > Create bucket'. The main form is divided into sections: 'General configuration' and 'Object Ownership'. In 'General configuration', fields include 'Bucket name' (awsskill7) and 'AWS Region' (US East (N. Virginia) us-east-1). A 'Choose bucket' button is also present. In 'Object Ownership', options for 'ACLs disabled (recommended)' and 'ACLs enabled' are shown, with 'ACLs enabled' being selected. The browser status bar at the bottom shows the URL s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1.

B.Sc. GEEKS - Internet | IoT Based Air Quality | Introduction to HTML | CSC-20CS3281AA-AI | DandaKadiyal - Lyric | CLOUD-20CS3281AA 2 | S3 bucket

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

aws Services Search [Alt+S]

**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.

**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.

**Upcoming permission changes to enable ACLs**  
Starting in April 2023, to enable ACLs when creating buckets by using the S3 console, you must have the s3:PutBucketOwnershipControls permission. Learn more ↗

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Search 25° Global Nitin @ 30510 21:47 ENG IN 31-01-2023

B.Sc. GEEKS - Internet | IoT Based Air Quality | Introduction to HTML | CSC-20CS3281AA-AI | DandaKadiyal - Lyric | CLOUD-20CS3281AA 2 | S3 bucket

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

aws Services Search [Alt+S]

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 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.

I acknowledge that the current settings might result in this bucket and the objects within becoming public.

**Upcoming permission changes to disable any Block Public Access setting**  
Starting in April 2023, to disable any Block Public Access setting when creating buckets by using the S3 console, you must have the s3:PutBucketOwnershipControls permission. Learn more ↗

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Search 25° Global Nitin @ 30510 21:47 ENG IN 31-01-2023

Screenshot of the AWS S3 Bucket Creation page:

**Bucket Versioning:** Disable (radio button selected)

**Tags (0) - optional:** 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 key type:** Info

Amazon S3-managed keys (SSE-S3) (radio button selected)

AWS Key Management Service key (SSE-KMS)

**Bucket Key:**

When KMS encryption is used to encrypt new objects in this bucket, the bucket key reduces encryption costs by lowering calls to AWS KMS.

Learn more

Disable (radio button selected)

Enable (radio button selected)

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40 ENG IN 21:47 31-01-2023

Screenshot of the AWS S3 Buckets page:

**Amazon S3**

**Buckets:**

- 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
- AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

**Amazon S3 > Buckets**

**Account snapshot:**

Last updated: Jan 30, 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.
1.0 MB	46	22.3 KB	

**Buckets (5) - Info:**

Buckets are containers for data stored in S3. Learn more

Name	AWS Region	Access	Creation date
awsskill7	US East (N. Virginia) us-east-1	Objects can be public	January 31, 2023, 21:47:30 (UTC+05:30)
my1bucket30625	US East (N. Virginia) us-east-1	Objects can be public	January 25, 2023, 10:33:33 (UTC+05:30)
jainendra-274	US East (N. Virginia) us-east-1	Objects can be public	January 19, 2023, 11:52:10 (UTC+05:30)
skill02	US East (N. Virginia) us-east-1	Objects can be public	December 28, 2022, 11:42:55 (UTC+05:30)
static-website-hosting12	US East (N. Virginia) us-east-1	Objects can be public	December 21, 2022, 11:24:56 (UTC+05:30)

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42 ENG IN 21:49 31-01-2023

Screenshot of the AWS S3 console showing the upload process for a file named "index.html.html".

The "Destination" section shows the target bucket as "s3://awsskill7".

The "Permissions" section indicates public access is granted.

The "Properties" section shows the file type as "text/html" and size as "197.0 B".

The status bar at the bottom shows the date and time as "31-01-2023 21:53".

Screenshot of the AWS S3 console showing the upload status for the file "index.html.html".

The summary table shows:

Destination	Succeeded	Failed
s3://awsskill7	1 file, 197.0 B (100.00%)	0 files, 0 B (0%)

The status bar at the bottom shows the date and time as "31-01-2023 21:53".

The screenshot shows the AWS S3 console interface. The top navigation bar includes tabs for B.Sc. GEEKS, IoT Based Air, Introduction, CSC-20CS328, DandaKadiyal, CLOUD-20CS328, awsskill7 - S3, SKILL-7 - One, and SKILL-7-Pres. The main title is "awsskill7". The left sidebar shows "Amazon S3 > Buckets > awsskill7". The main content area is titled "Objects (1)". It displays a single object named "index.html.html" with type "html", last modified on "January 31, 2023, 21:53:15 (UTC+05:30)", size "197.0 B", and storage class "Standard". Below the table are buttons for Actions (Copy S3 URI, Copy URL, Download, Open, Delete, Create folder, Upload), a search bar ("Find objects by prefix"), and pagination controls (1 of 1).

The screenshot shows the AWS S3 console interface. The top navigation bar includes tabs for B.Sc. GEEKS, IoT Based Air, Introduction, CSC-20CS328, DandaKadiyal, CLOUD-20CS328, awsskill7 - S3 bucket, and SKILL-7 - One. The main title is "awsskill7 - S3 bucket". The left sidebar shows "Amazon S3" and "Buckets" (Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3). The right pane is titled "Bucket policy" and contains the following JSON code:

```
{  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Sid": "PublicRead",  
      "Effect": "Allow",  
      "Principal": "*",  
      "Action": [  
        "s3:GetObject",  
        "s3:GetObjectVersion"  
      ],  
      "Resource": "arn:aws:s3:::awsskill7/*"  
    }  
  ]  
}
```

The status bar at the bottom indicates the URL as "https://s3.console.aws.amazon.com/s3/#" and the date as "01-02-2023".

CLOUD-20CS3281AA 2022-23 EVE awsskill7 - S3 bucket

s3.console.aws.amazon.com/s3/bucket/awsskill7/property/website/edit?region=us-east-1

aws Services Search [Alt+S]

Amazon S3 > Buckets > awsskill7 > Edit static website hosting

## Edit static website hosting Info

**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](#)

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

**Error document - optional**  
This is returned when an error occurs.

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88 ENG IN 08:00 01-02-2023

This screenshot shows the 'Edit static website hosting' configuration page for the 'awsskill7' bucket in the AWS S3 console. The 'Hosting type' is set to 'Host a static website'. The 'Index document' field contains 'index.html'. A note at the bottom left indicates that for public access, content must be publicly readable and S3 Block Public Access settings must be edited. The navigation bar includes links for Feedback, Unified Settings, Privacy, Terms, and Cookie preferences, along with system status icons.

CLOUD-20CS3281AA 2022-23 EVE awsskill7 - S3 bucket

s3.console.aws.amazon.com/s3/bucket/awsskill7/property/website/edit?region=us-east-1

aws Services Search [Alt+S]

Amazon S3 > Buckets > awsskill7 > Edit static website hosting

## Edit static website hosting Info

**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](#)

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

**Error document - optional**  
This is returned when an error occurs.  
error.html

**Redirection rules - optional**  
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

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88 ENG IN 08:01 01-02-2023

This screenshot shows the 'Edit static website hosting' configuration page for the 'awsskill7' bucket in the AWS S3 console. The 'Hosting type' is set to 'Host a static website'. The 'Index document' field contains 'index.html' and the 'Error document' field contains 'error.html'. A note at the top left indicates that for public access, content must be publicly readable and S3 Block Public Access settings must be edited. The navigation bar includes links for Feedback, Unified Settings, Privacy, Terms, and Cookie preferences, along with system status icons.

CLOUD-20CS3281AA 2022-23 EVE S3 bucket

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

aws Services Search [Alt+S]

Amazon S3 > Buckets > Create bucket

### Create bucket Info

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

**General configuration**

Bucket name: Nitin.net  
Bucket name must be globally unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region: US East (N. Virginia) us-east-1

Copy settings from existing bucket - optional  
Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

**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

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

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87 ENG IN 01-02-2023

This screenshot shows the 'Create bucket' wizard in the AWS S3 console. It includes fields for the bucket name ('Nitin.net'), AWS region ('US East (N. Virginia) us-east-1'), and object ownership settings ('ACLs enabled'). The 'Object Ownership' section explains that objects can be owned by other AWS accounts and access can be controlled via ACLs. The bottom of the page features a feedback link and standard AWS footer links.

CLOUD-20CS3281AA 2022-23 EVE S3 Management Console

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

aws Services Search [Alt+S]

Amazon S3

**Buckets**

- 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
- AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

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

**Account snapshot**  
Last updated: Jan 30, 2023 by Storage Lens. Metrics are generated every 24 hours. [Learn more](#)

Total storage	Object count	Average object size	Configure advanced metrics
1.0 MB	46	22.3 KB	You can enable advanced metrics in the "default-account-dashboard" configuration.

**Buckets (6) Info**  
Buckets are containers for data stored in S3. [Learn more](#)

Name	AWS Region	Access	Creation date
nitin.net	US East (N. Virginia) us-east-1	Bucket and objects not public	February 1, 2023, 08:05:18 (UTC+05:30)
awsskill7	US East (N. Virginia) us-east-1	Public	January 31, 2023, 21:47:30 (UTC+05:30)
my1bucket30625	US East (N. Virginia) us-east-1	Objects can be public	January 25, 2023, 10:33:33 (UTC+05:30)
jainendra-274	US East (N. Virginia) us-east-1	Objects can be public	January 19, 2023, 11:52:10 (UTC+05:30)
skill02	US East (N. Virginia) us-east-1	Objects can be public	December 28, 2022, 11:42:55 (UTC+05:30)
static-website-hosting12	US East (N. Virginia) us-east-1	Objects can be public	December 21, 2022, 11:24:56 (UTC+05:30)

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87 ENG IN 01-02-2023

This screenshot shows the 'Buckets' page in the AWS S3 management console. It displays a summary of the account's storage usage and a list of six buckets. The newly created 'nitin.net' bucket is highlighted with a green success message. The table lists each bucket's name, region, access level (e.g., 'Bucket and objects not public' or 'Public'), and creation date. The bottom of the page features a feedback link and standard AWS footer links.

CLOUD-20CS3281AA 2022-23 EVE nitin.net - S3 bucket

s3.console.aws.amazon.com/s3/bucket/nitin.net/property/website/edit?region=us-east-1

aws Services Search [Alt+S]

Amazon S3 Edit static website hosting

**Buckets**

- 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
- AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

**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](#)

**Host name**

nitin.net

Target bucket website address or personal domain

**Protocol - Optional**

none

http

https

Cancel Save changes

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CLOUD-20CS3281AA 2022-23 EVE CloudFront

us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/distributions/create

aws Services Search [Alt+S]

Create distribution

**Origin**

**Origin domain**

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

awsskill7.s3-website-us-east-1.amazonaws.com

**Origin path - optional** [Info](#)

Enter a URL path to append to the origin domain name for origin requests.

Enter the origin path

**Name**

Enter a name for this origin.

awsskill7.s3-website-us-east-1.amazonaws.com

**Add custom header - optional**

CloudFront includes this header in all requests that it sends to your origin.

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

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85 ENG IN 08:11 01-02-2023

CLOUD-20CS3281AA 2022-23 EVE CloudFront

us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/distributions/create

aws Services Search [Alt+S]

Path pattern [Info](#)  
Default (\*)

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

**Cache key and origin requests**  
We recommend using a cache policy and origin request policy to control the cache key and origin requests.

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Q Search 23\* ENG IN 08:12 01-02-2023

CLOUD-20CS3281AA 2022-23 EVE CloudFront

us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/distributions

aws Services Search [Alt+S]

CloudFront > Distributions

**Distributions (2) [Info](#)**

ID	Description	Type	Domain name	Alternate dom...	Origins	Status	Last modified
E2XE9A7OAE8136	-	Production	d1k8hpjgjlglvh.cl...	-	static-website-hosting1	<input type="radio"/> Disabled	<input type="radio"/> Deploying
E1PWCAPPFZM35N	-	Production	d3veo4bdka47vd...	-	awsskill7.s3-website-us	<input checked="" type="radio"/> Enabled	<input type="radio"/> Deploying

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Q Search 23\* ENG IN 08:12 01-02-2023

CLOUD-20CS3281AA 2022-23 EVE CloudFront

us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/distributions/E1PWCAPPFZM35N

CloudFront Services Search [Alt+S]

CloudFront > Distributions > E1PWCAPPFZM35N

## E1PWCAPPFZM35N

General Origins Behaviors Error pages Geographic restrictions Invalidations Tags View metrics

### Details

Distribution domain name d3veo4bdka47vd.cloudfront.net	ARN arn:aws:cloudfront::572836073348:distribution/E1PWCAPPFZM35N	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
AWS WAF		

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Q Search 23\* ENG IN 08:13 01-02-2023

CLOUD-20CS3281AA 2022-23 EVE CloudFront AWS Certificate Manager

us-east-1.console.aws.amazon.com/acm/home?region=us-east-1#/welcome

aws Services Search [Alt+S]

AWS Certificate Manager (ACM) List certificates Request certificate Import certificate AWS Private CA

① Launch announcement You can now issue Elliptic Curve Digital Signature Algorithm (ECDSA) certificates from ACM. Learn more and let us know what you think.

② View all of your certificates acm>ListCertificates now supports more details in each certificate summary. You can also view up to 500 certificates per page in the certificates table. Click the gear icon in the list certificates page to set your table preferences. Learn more and let us know what you think.

Security, Identity, & Compliance

# AWS Certificate Manager

Easily provision, manage, deploy, and renew SSL/TLS certificates

New ACM managed certificate

Request a public certificate from Amazon or a private certificate from your organization's certificate authority (CA).

Request a certificate

Import certificates that you obtained outside of AWS

Import a certificate

Create private certificate authority (CA) hierarchies for your organization

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Q Search 23\* ENG IN 08:17 01-02-2023

CLOUD-20C53281AA 2022-23 EVE | CloudFront | AWS Certificate Manager

aws Services Search [Alt+S]

AWS Certificate Manager (ACM)

List certificates Request certificate Import certificate AWS Private CA

Launch announcement You can now issue Elliptic Curve Digital Signature Algorithm (ECDSA) certificates from ACM. Learn more and let us know what you think.

View all of your certificates acm>ListCertificates now supports more details in each certificate summary. You can also view up to 500 certificates per page in the certificates table. Click the gear icon in the list certificates page to set your table preferences. Learn more and let us know what you think.

AWS Certificate Manager > Certificates > Request certificate

## Request certificate

**Certificate type** Info ACM certificates can be used to establish secure communications access across the internet or within an internal network. Choose the type of certificate for ACM to provide.

Request a public certificate Request a public SSL/TLS certificate from Amazon. By default, public certificates are trusted by browsers and operating systems.  
 Request a private certificate No private CAs available for issuance.

Requesting a private certificate requires the creation of a private certificate authority (CA). To create a private CA, visit AWS Private Certificate Authority.

Cancel Next

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84 ENG IN 08:17 01-02-2023

CLOUD-20C53281AA 2022-23 EVE | CloudFront | AWS Certificate Manager

aws Services Search [Alt+S]

AWS Certificate Manager (ACM)

List certificates Request certificate Import certificate AWS Private CA

acm>ListCertificates now supports more details in each certificate summary. You can also view up to 500 certificates per page in the certificates table. Click the gear icon in the list certificates page to set your table preferences. Learn more and let us know what you think.

AWS Certificate Manager > Certificates > Request certificate > Request public certificate

## Request public certificate

**Domain names** Provide one or more domain names for your certificate.

Fully qualified domain name Info www.nitin.net Remove  
nitin.net Remove

Add another name to this certificate You can add additional names to this certificate. For example, if you're requesting a certificate for "www.example.com", you might want to add the name "example.com" so that customers can reach your site by either name.

**Validation method** Info Select a method for validating domain ownership.

DNS validation - recommended Choose this option if you are authorized to modify the DNS configuration for the domains in your certificate request.  
 Email validation Choose this option if you do not have permission or cannot obtain permission to modify the DNS configuration for the domains in your certificate request.

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84 ENG IN 08:18 01-02-2023

CLOUD-20CS3281AA 2022-23 EVE | CloudFront | AWS Certificate Manager

CloudFront AWS Certificate Manager [Alt+S]

AWS Services Search N. Virginia Nitin @ 30510

**AWS Certificate Manager (ACM)**

**List certificates**

Request certificate Import certificate AWS Private CA

**Launch announcement**  
You can now issue Elliptic Curve Digital Signature Algorithm (ECDSA) certificates from ACM. Learn more and let us know what you think.

**View all of your certificates**  
acm:ListCertificates now supports more details in each certificate summary. You can also view up to 500 certificates per page in the certificates table. Click the gear icon in the list certificates page to set your table preferences. Learn more and let us know what you think.

**Successfully requested certificate with ID 5f3574ba-550a-47a5-8ab7-56ad29422ab0**  
A certificate request with a status of pending validation has been created. Further action is needed to complete the validation and approval of the certificate. **View certificate**

**AWS Certificate Manager > Certificates**

**Certificates (1)**

Certificate ID	Domain name	Type	Status	In use	Renewal eligibility	Key algorithm
5f3574ba-550a-47a5-8ab7-56ad29422ab0	www.nitin.net	Amazon Issued	Pending validation	No	Ineligible	RSA 2048

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Q Search 23\* ENG IN 08:19 01-02-2023

CLOUD-20CS3281AA 2022-23 EVE | CloudFront | Route 53 - dashboard

CloudFront Route 53 - dashboard [Alt+S]

AWS Services Search N. Virginia Nitin @ 30510

**Route 53**

**Dashboard**

Hosted zones Health checks

**IP-based routing**

CIDR collections

**Traffic flow**

Traffic policies Policy records

**Domains**

Registered domains Pending requests

**Resolver**

VPCs Inbound endpoints Outbound endpoints Rules Query logging

**DNS Firewall**

**Introducing the new Route 53 console**  
We've redesigned the Route 53 console to make it easier to use. Let us know what you think. We are continuing to make improvements to the user experience based on your feedback, stay tuned! If you'd prefer to use the old console, click here.

**Route 53 Dashboard** Info

**DNS management**  
A hosted zone tells Route 53 how to respond to DNS queries for a domain such as example.com. **Create hosted zone**

**Traffic management**  
A visual tool that lets you easily create policies for multiple endpoints in complex configurations. **Create policy**

**Availability monitoring**  
Health checks monitor your applications and web resources, and direct DNS queries to healthy resources. **Create health check**

**Domain registration**  
A domain is the name, such as example.com, that your users use to access your application. **Register domain**

**Register domain**

Find and register an available domain, or transfer your existing domains to Route 53. **Enter a domain name**

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CLOUD-20CS3281AA 2022-23 EVE | CloudFront | Hosted zone - create | us-east-1.console.aws.amazon.com/route53/v2/hostedzones#CreateHostedZone

aws Services Search [Alt+S]

Introducing the new Route 53 console  
We've redesigned the Route 53 console to make it easier to use. Let us know what you think. We are continuing to make improvements to the user experience based on your feedback, stay tuned! If you'd prefer to use the old console, click here.

### Create hosted zone Info

**Hosted zone configuration**  
A hosted zone is a container that holds information about how you want to route traffic for a domain, such as example.com, and its subdomains.

**Domain name Info**  
This is the name of the domain that you want to route traffic for.  
 Valid characters: a-z, 0-9, !#\$%&'^()\*, -/\_; <=>?@[\]^\_`{|} - .

**Description - optional Info**  
This value lets you distinguish hosted zones that have the same name.

The description can have up to 256 characters. 0/256

**Type Info**  
The type indicates whether you want to route traffic on the internet or in an Amazon VPC.  
 **Public hosted zone** A public hosted zone determines how traffic is routed on the internet.  
 **Private hosted zone** A private hosted zone determines how traffic is routed within an Amazon VPC.

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### Create record Info

**Quick create record** Switch to wizard

**Record 1**

**Record name Info**  **Record type Info**  A – Routes traffic to an IPv4 address and some AWS resources

Keep blank to create a record for the root domain.

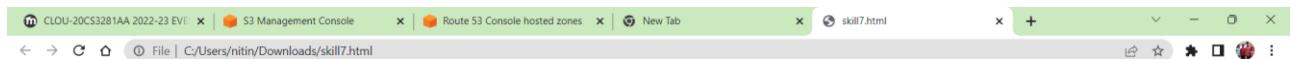
**Alias**

**Route traffic to Info**   An alias to a CloudFront distribution and another record in the same hosted zone are global and available only in US East (N. Virginia).

**Routing policy Info**  **Evaluate target health**  No

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SKILL 7

