

CLOUDFLARE

Screenshot of the Cloudflare DNS interface showing the configuration for the zone `asixcloud2024.cat`.

Zone Overview:

- Overview
- AI Audit (Beta)
- Analytics & Logs
- DNS
- Records** (selected)
- Analytics
- Settings
- Email
- SSL/TLS
- Security
- Access
- Speed
- Caching
- Workers Routes
- Rules
- Network

Cloudflare Nameservers:

Type	Value
NS	april.ns.cloudflare.com
NS	randy.ns.cloudflare.com

DNS Record Configuration:

aws01.karura.cat points to [IPv4 address] and has its traffic proxied through Cloudflare.

Type	Name (required)	IPv4 address (required)	Proxy status	TTL
A	aws01	(Input field)	Proxied	Auto

Record Attributes:

The information provided here will not impact DNS record resolution and is only meant for your reference.

Comment:

New Record Form:

Type	Name (required)	IPv4 address (required)	Proxy status	TTL
A	aws01	(Input field)	DNS only	2 min

paso1 ROUTE53

The screenshot shows the 'Create hosted zone' configuration page in the AWS Route 53 console. The top navigation bar includes links for EC2, VPC, RDS, EFS, S3, IoT Core, Simple Notification Service, Route 53, IAM, and AWS Amplify. The breadcrumb navigation shows 'Route 53 > Hosted zones > Create hosted zone'. The main section is titled 'Create hosted zone' with a 'Info' link. It contains two tabs: 'Hosted zone configuration' (selected) and 'Tags'.

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.
example.com
Valid characters: a-z, 0-9, !# \$ % & ' () * + , - / ; < = > ? @ [\] ^ _ ` { } . ~

Description - optional | [Info](#)
This value lets you distinguish hosted zones that have the same name.
The hosted zone is used for...
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.

Tags | [Info](#)
Apply tags to hosted zones to help organize and identify them.
No tags associated with the resource.
[Add tag](#)

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.
aws01.karura.cat
Valid characters: a-z, 0-9, !# \$ % & ' () * + , - / ; < = > ? @ [\] ^ _ ` { } . ~

Description - optional | [Info](#)
This value lets you distinguish hosted zones that have the same name.
demo
The description can have up to 256 characters. 5/256

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.

Tags | [Info](#)
Apply tags to hosted zones to help organize and identify them.
No tags associated with the resource.
[Add tag](#)
You can add up to 50 more tags.

EC2 VPC RDS EFS S3 IoT Core Simple Notification Service Route 53 IAM AWS Amplify

Route 53 > Hosted zones > aws01.karura.cat

Route 53

- Dashboard
- Hosted zones**
- Health checks
- Profiles New
- IP-based routing**
- CIDR collections
- Traffic flow**
- Traffic policies
- Policy records
- Domains**
- Registered domains
- Requests
- Resolver**
- VPCs
- Inbound endpoints
- Outbound endpoints
- Rules
- Query logging
- Outposts

DNS Firewall

aws01.karura.cat was successfully created. Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.

Hosted zone details

Records (2) DNSSEC signing Hosted zone tags (0)

Records (2) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Record name	Type	Routing policy	Alias	Value/Route traffic to	TTL (s...)
aws01.karura.cat	NS	Simple	-	No ns-1370.awsdns-43.org, ns-109.awsdns-13.com, ns-1942.awsdns-50.co.uk, ns-1016.awsdns-63.net.	172800
aws01.karura.cat	SOA	Simple	-	No ns-1370.awsdns-43.org, aws...	900

Records (2) Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Record name	Type	Routing policy	Alias	Value/Route traffic to	TTL (s...)
aws01.karura.cat	NS	Simple	-	No ns-1370.awsdns-43.org, ns-109.awsdns-13.com, ns-1942.awsdns-50.co.uk, ns-1016.awsdns-63.net.	172800
aws01.karura.cat	SOA	Simple	-	No ns-1370.awsdns-43.org, aws...	900

aws01.karura.cat

aws01.karura.cat was successfully created. Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.

Hosted zone details

Records (2) DNSSEC signing Hosted zone tags (0)

Records (1/2) Info

The following table lists the existing records in aws01.karura.cat. You can't delete the SOA record or the NS record named aws01.karura.cat.

Record name	Type	Routing policy	Alias	Value/Route traffic to	TTL (s...)
aws01.karura.cat	NS	Simple	-	No ns-1370.awsdns-43.org, ns-109.awsdns-13.com, ns-1942.awsdns-50.co.uk, ns-1016.awsdns-63.net.	172800
aws01.karura.cat	SOA	Simple	-	No ns-1370.awsdns-43.org, aws...	900

Record details

ns-1370.awsdns-43.org, awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400

Alias No

TTL (seconds) 900

Routing policy Simple

ns-1370.awsdns-43.org. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400

The screenshot shows the AWS CloudFront DNS configuration interface. A new NS record named 'aws01' is being created for the domain 'aws01.karura.cat'. The Nameserver field contains 'ns-1370.awsdns-43.org'. The TTL is set to 2 min. The 'Save' button is highlighted.

```
isard@carla:~$ dig @8.8.8.8 NS aws01.karura.cat

; <>> DiG 9.18.30-0ubuntu0.24.04.2-Ubuntu <>> @8.8.8.8 NS aws01.karura.cat
; (1 server found)
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 58785
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 512
;; QUESTION SECTION:
;aws01.karura.cat.           IN      NS

;; ANSWER SECTION:
aws01.karura.cat.        21600   IN      NS      ns-109.awsdns-13.com.
aws01.karura.cat.        21600   IN      NS      ns-1016.awsdns-63.net.
aws01.karura.cat.        21600   IN      NS      ns-1942.awsdns-50.co.uk.
aws01.karura.cat.        21600   IN      NS      ns-1370.awsdns-43.org.

;; Query time: 27 msec
;; SERVER: 8.8.8.8#53(8.8.8.8) (UDP)
;; WHEN: Fri Feb 14 19:37:20 CET 2025
;; MSG SIZE  rcvd: 186

isard@carla:~$ S
```

Crear s3

EC2 VPC RDS EFS S3 IoT Core Simple Notification Service Route 53 IAM AWS Amplify

Amazon S3 > Buckets > Create bucket

Create bucket Info

Buckets are containers for data stored in S3.

General configuration

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

Bucket type Info

General purpose
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory
Recommended for low-latency use cases. These buckets use only the S3 Express I/O processing of data within a single Availability Zone.

Bucket name Info
demogroupb.aws01

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

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

[Choose bucket](#)
Format: s3://bucket/prefix

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 is controlled by policies defined by the owner of the bucket.

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Bucket name Info
demogroupb.aws01.karura.cat

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

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

aws EC2 VPC RDS EFS S3 IoT Core Simple Notification Service Route 53 IAM AWS Amplify

Amazon S3 > Buckets > demo.aws01.karura.cat

demo.aws01.karura.cat Info

[Objects](#) [Metadata](#) [Properties](#) [Permissions](#) [Metrics](#) [Management](#) [Access Points](#)

Objects (8)
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](#)

Name	Type	Last modified	Size	Storage class
assets/	Folder	-	-	-
images/	Folder	-	-	-
index.html	html	February 14, 2025, 20:17:52 (UTC+01:00)	10.4 KB	Standard
left-sidebar.html	html	February 14, 2025, 20:17:52 (UTC+01:00)	14.0 KB	Standard
LICENSE.txt	txt	February 14, 2025, 20:17:53 (UTC+01:00)	16.7 KB	Standard
no-sidebar.html	html	February 14, 2025, 20:17:51 (UTC+01:00)	9.8 KB	Standard
README.txt	txt	February 14, 2025, 20:17:51 (UTC+01:00)	1.1 KB	Standard
right-sidebar.html	html	February 14, 2025, 20:17:51 (UTC+01:00)	14.0 KB	Standard

Generar unos certificados para esta hosted zone

EC2 VPC RDS EFS S3 IoT Core Simple Notification Service Route 53 IAM AWS Amplify

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

Provide one or more domain names for your certificate.

Fully qualified domain name | Info
demo.aws01.karura.cat

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.

Key algorithm | Info
Select an encryption algorithm. Some algorithms may not be supported by all AWS services.

RSA 2048
RSA is the most widely used key type.

ECDSA P 256
Equivalent in cryptographic strength to RSA 3072.

ECDSA P 384
Equivalent in cryptographic strength to RSA 7680.

Tags | Info
No tags associated with the resource.

Add new tag
You can add up to 50 tags.

Cancel Previous Request

EC2 VPC RDS EFS S3 IoT Core Simple Notification Service Route 53 IAM AWS Amplify

AWS Certificate Manager > Certificates > b2bd040d-5798-4ad9-a48c-57c2440ffc7d

Successfully requested certificate with ID b2bd040d-5798-4ad9-a48c-57c2440ffc7d
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.

b2bd040d-5798-4ad9-a48c-57c2440ffc7d

Certificate status

Identifier	Status
b2bd040d-5798-4ad9-a48c-57c2440ffc7d	Pending validation Info

ARN
arn:aws:acm:us-east-1:582835795642:certificate/b2bd040d-5798-4ad9-a48c-57c2440ffc7d

Type
Amazon Issued

Domains (1)

Domain	Status	Renewal status	Type	CNAME name
demo.aws01.karura.cat	Pending validation Info	-	CNAME	_11e09ee5a6fd1f698e326961d80f0d3.demo.aws01.karura.cat

Create records in Route 53 Export to CSV

Details

In use No	Serial number N/A	Requested at February 14, 2025, 20:19:30 (UTC+01:00)	Renewal eligibility Ineligible
Domain name demo.aws01.karura.cat	Public key info -----	Issued at -----	

① Successfully requested certificate with ID b2bd040d-5798-4ad9-a48c-57c2440ffc7d
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.

Create DNS records in Amazon Route 53 (1/1)

Search domains 1 match

Validation status = Pending validation | Validation status = Failed | Is domain in Route 53? = Yes | Clear filters

Domain | Validation status | Is domain in Route 53?

demo.aws01.karura.cat | Pending validation | Yes

Cancel Create records

Records (2) Info

Automatic mode is the current search behavior optimized for best filter results. [To change modes go to settings.](#)

Filter records by property or value Type Routing p... Alias

Record name	Type	Routing p...	Alias	Value/Route traffic to	TTL (s...)
aws01.karura.cat	NS	Simple	-	No ns-1370.awsdns-43.org. ns-109.awsdns-13.com. ns-1942.awsdns-50.co.uk. ns-1016.awsdns-63.net.	172800
aws01.karura.cat	SOA	Simple	-	No ns-1370.awsdns-43.org. aws...	900

AWS Certificate Manager > Certificates > b2bd040d-5798-4ad9-a48c-57c2440ffc7d

Successfully created DNS records
Successfully created DNS records in Amazon Route 53 for certificate with ID b2bd040d-5798-4ad9-a48c-57c2440ffc7d.

Notifications 0 0 0 1 0 1 0 0

Delete

Route 53 > Hosted zones > aws01.karura.cat

Route 53 Public aws01.karura.cat Info Delete zone Test record Configure query logging

Hosted zone details Edit hosted zone

Records (3) Info

Automatic mode is the current search behavior optimized for best filter results. [To change modes go to settings.](#)

Filter records by property or value Type Routing p... Alias

Record name	Type	Routing p...	Alias	Value/Route traffic to	TTL (s...)
aws01.karura.cat	NS	Simple	-	No ns-1370.awsdns-43.org. ns-109.awsdns-13.com. ns-1942.awsdns-50.co.uk. ns-1016.awsdns-63.net.	172800
aws01.karura.cat	SOA	Simple	-	No ns-1370.awsdns-43.org. aws...	900
_11e09eeff5a6fd1f698e326961d80fd3...	CNAME	Simple	-	No _8a5c6b24d5ddd25870f813...	300

The screenshot shows the AWS Certificate Manager interface. On the left, there's a sidebar with options like 'List certificates', 'Request certificate', 'Import certificate', and 'AWS Private CA'. The main area displays a certificate named 'b2bd040d-5798-4ad9-a48c-57c2440ffc7d'. The 'Certificate status' section shows the identifier 'b2bd040d-5798-4ad9-a48c-57c2440ffc7d', ARN 'arn:aws:acm:us-east-1:582835795642:certificate/b2bd040d-5798-4ad9-a48c-57c2440ffc7d', and a green 'Issued' status icon. Below this is a table with one row, showing the certificate ID, domain name (demo.aws01.karura.cat), type (Amazon Issued), status (Issued), in use (No), renewal eligibility (Ineligible), and key algorithm (RSA 2048).

Ya hemos emitido el certificado.

This screenshot shows the 'Certificates' list page. It has a header with buttons for 'Delete', 'Manage expiry events', 'Import', and 'Request'. Below is a table with one row, matching the details shown in the previous screenshot.

No lo tengo en uso.

Ahora vamos a amplify

This screenshot shows the first step of the AWS Amplify 'Start building with Amplify' wizard. It includes sections for 'Choose source code provider' (with GitHub selected), 'Deploy your app' (with GitHub, BitBucket, CodeCommit, and GitLab options), and 'Start with a template' (with Nuxt.js, Vuetify, Angular, and React options). A note at the bottom says 'Looking to build an app with our Gen 1 tools (Amplify Studio/Amplify CLI)? Create an app with Gen 1'.

This screenshot shows the second step of the AWS Amplify 'Start building with Amplify' wizard. It has a similar layout to the first step, with sections for 'Choose create method' (GitHub selected), 'Deploy your app' (GitHub selected), and 'Start with a template' (Nuxt.js selected). A note at the bottom says 'Looking to build an app with our Gen 1 tools (Amplify Studio/Amplify CLI)? Create an app with Gen 1'.

sin git

Choose create method

Start a manual deployment

Start a manual deployment

Manually upload objects to deploy your app. You can choose to drag and drop the artifacts directly, pull a zip from an existing S3 bucket or any other URL.

App name	Branch name
demo	staging

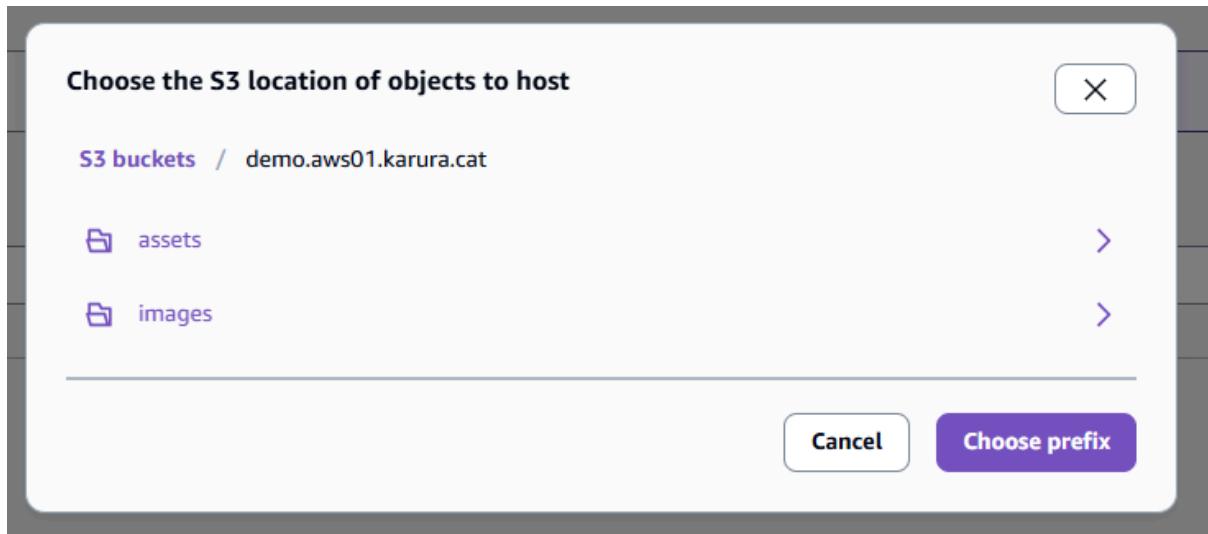
Method

- Drag and drop
- Amazon S3
- Any URL

S3 location of objects to host

[Browse S3](#)

[Cancel](#) [Previous](#) [Save and deploy](#)



choose prefix

SAVE AND DEPLOY

All Apps > demo: Overview

demo

App ID: dkswyo13uoou

Support Docs

Visit deployed URL

Overview

Hosting

App settings

demo

Branches 1

Search...

+ Add branch

Deploy updates ★ Production branch

staging Deployed

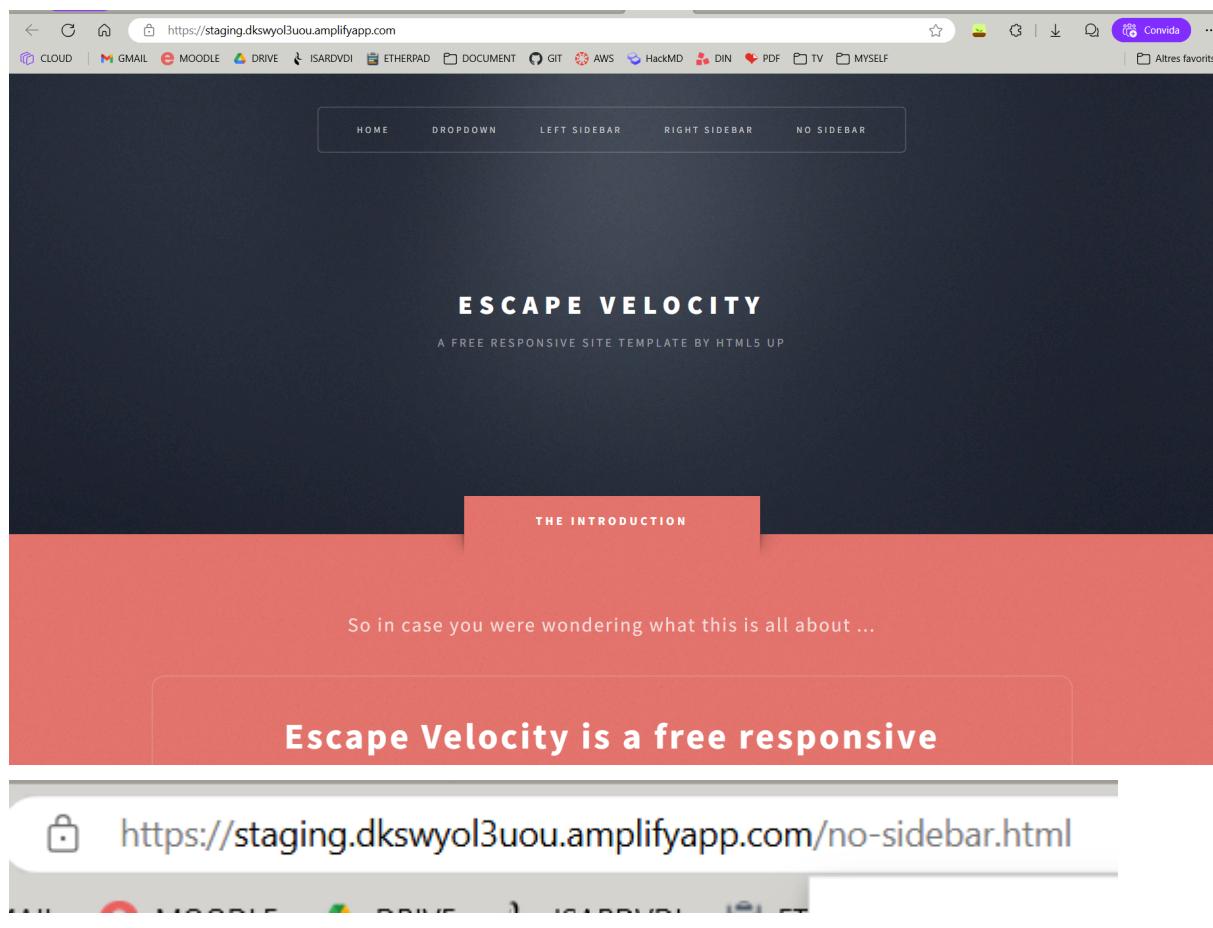
Domain https://staging.dkswyo13uoou.amplifyapp.com

Last deployment 0 minutes ago

staging

Deployed

Domain	Last deployment
https://staging.dkswyo13uoou.amplifyapp.com	2 minutes ago



Visualitzador de certificat: *.dkswyo13uou.amplifyapp.com

X

General

Details

Emès per a

Nom comú (CN) *.dkswyo13uou.amplifyapp.com
Organització (O) <No forma part del certificat>
Unitat organitzativa (OU) <No forma part del certificat>

Emès per

Nom comú (CN) Amazon RSA 2048 M02
Organització (O) Amazon
Unitat organitzativa (OU) <No forma part del certificat>

Període de validesa

Emès el divendres, 14 de febrer del 2025, a les 1:00:00
Caduca el dilluns, 16 de març del 2026, a les 0:59:59

Empremta digital SHA-256

Certificat 0b1332f5ece35fee0d9f39ad35378c905aee6af58f9e3d1ad6aa3c04
3f9aa68d
Clau pública d8af34e71db7c711e2879d722241be01d9049f39781a0c00198bff1
80934d23d

The screenshot shows the AWS AppSync console interface. At the top left, there's a sidebar with a tree view:

- Overview**
- Hosting** (selected)
- Access control
- Build notifications
- Custom domains
- Custom headers and cache
- Firewall (Preview)
- Monitoring
- Rewrites and redirects

Below the sidebar, the main content area has a title **App** and a sub-section **Br**. On the left side of the main content area, there's a section titled **App settings** with a gear icon.

custom domains

The screenshot shows the 'Add domain' step in the AWS AppSync console. The sidebar on the left is identical to the previous screenshot. The main content area has a title **Add domain** and a sub-section **Route53 domain selected**.

The 'Add domain' form includes the following fields:

- A search bar with placeholder text "Enter your root domain (e.g. yourdomain.com)" containing the value "aws01.karura.cat".
- A "Cancel" button.
- A "Check domain availability" button.

The screenshot shows the 'Configure domain' step in the AWS AppSync console. The sidebar on the left is identical to the previous screenshots. The main content area has a title **Add domain** and a sub-section **Route53 domain selected**.

The 'Configure domain' form includes the following fields:

- A search bar with placeholder text "Enter the name of your root domain" containing the value "aws01.karura.cat".
- A note: "Route53 domain selected" followed by the sub-note "This domain has a hosted zone setup in Amazon Route53".
- A "Cancel" button.
- A "Configure domain" button.

Subdomains

Configure subdomains for your app

https://aws01.karura.cat

https:// demo .aws01.karura.cat

staging .aws01.karura.cat

+ Add new

Custom SSL certificate

Choose a certificate type

Amplify managed certificate

Custom SSL certificate

Manage custom SSL certificates directly in AWS Certificate Manager. [Manage certificates](#)

demo.aws01.karura.cat (b2bd040d-5798-4ad9-a48c-57c2440ffc7d)

For a list of supported certificates refer to our [documentation](#)

Importante poner **include-root**

Custom SSL certificate

Choose a certificate type

Amplify managed certificate

Custom SSL certificate

Manage custom SSL certificates directly in AWS Certificate Manager. [Manage certificates](#)

demo.aws01.karura.cat (b2bd040d-5798-4ad9-a48c-57c2440ffc7d)

For a list of supported certificates refer to our [documentation](#)

Add domain

Custom domains

Use your own custom domain with free HTTPS to provide a secure, friendly URL for your app. Register your domain on Amazon Route53 for a one-click setup, or connect any domain registered on a 3rd party provider.

Custom domain: aws01.karura.cat

Status: Domain activation

SSL certificate: aws01.karura.cat (b2bd040d-5798-4ad9-a48c-57c2440ffc7d)

SSL configuration

Domain activation

SSL setup in progress...

We're connecting your domain SSL certificate to your domain...

Having issues? Read frequently asked questions in our [Custom domains troubleshooting guide](#)

URL	Branch	Redirects to
https://demo.aws01.karura.cat	staging	-

Rows per page: 15

https://demo.aws01.karura.cat

CLOUD | GMAIL | MOODLE | DRIVE | ISARDVDI | ETHERPAD | DOCUMENT | GIT | AWS | HackMD | DIN | PDF | TV | MYSELF | Altres favorits

HOME DROPODOWN LEFT SIDEBAR RIGHT SIDEBAR NO SIDEBAR

ESCAPE VELOCITY

A FREE RESPONSIVE SITE TEMPLATE BY HTML5 UP

THE INTRODUCTION

So in case you were wondering what this is all about ...

The screenshot shows a web browser window with the following details:

- Address Bar:** https://demo.aws01.karura.cat
- Toolbar:** GMAIL, MOODLE, DRIVE, ISARDVD
- Title Bar:** Visualitzador de certificat: demo.aws01.karura.cat
- Content Area:**
 - General Tab:** Selected tab.
 - Details Tab:** Unselected tab.
 - Issued To:** Emès per a
 - Issuer Information:**

Nom comú (CN)	demo.aws01.karura.cat
Organització (O)	<No forma part del certificat>
Unitat organitzativa (OU)	<No forma part del certificat>
 - Issued By:** Emès per
 - Certifier Information:**

Nom comú (CN)	Amazon RSA 2048 M03
Organització (O)	Amazon
Unitat organitzativa (OU)	<No forma part del certificat>
 - Validity Period:** Període de validesa
 - Expiration Dates:** Emès el: divendres, 14 de febrer del 2025, a les 1:00:00
Caduca el: dilluns, 16 de març del 2026, a les 0:59:59
 - Digital Signature:** Empremta digital SHA-256
 - Certificate Hash:** Certificat: bc6f37c1682175dfc9951d6bc8db217084cc0a8bd476a43debda4b99ea6bfad2
 - Public Key Hash:** Clau pública: e54f24963f45968b2833ead1a046a1764c3b652b5f1e1a4954995524cc369593