

us-west-1.console.aws.amazon.com/ec2/home?region=us-west-1#LaunchInstances:

Search[Alt+S]

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EC2>Instances>Launch an instance

Quick Start

Amazon Linux

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

ami-038bba9a164eb3dc1 (64-bit (x86), uefi-preferred) / ami-0abe6f915c415296f (64-bit (Arm), uefi)

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Amazon Linux 2023 AMI 2023.6.20241121.0 x86_64 HVM kernel-6.1

Architecture

64-bit (x86)

Boot mode

uefi-preferred

AMI ID

ami-038bba9a164eb3dc1

Username

ec2-user

Verified provider

Summary

Number of instances1

Software Image (AMI)Amazon Linux 2023 AMI 2023.6.2...read moreami-038bba9a164eb3dc1

Virtual server type (instance type)t2.micro

Firewall (security group)New security group

Storage (volumes)1 volume(s) - 8 GiB

CancelLaunch instancePreview code

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EC2>Instances>Launch an instance

Network settings

Edit

Networkvpc-050ab68083b891ae2

SubnetNo preference (Default subnet in any availability zone)

Auto-assign public IPEnable

Additional charges apply when outside of free tier allowance

Firewall (security groups)Create security groupSelect existing security group

We'll create a new security group called 'launch-wizard-2' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

Summary

Number of instances1

Software Image (AMI)Amazon Linux 2023 AMI 2023.6.2...read moreami-038bba9a164eb3dc1

Virtual server type (instance type)t2.micro

Firewall (security group)New security group

Storage (volumes)1 volume(s) - 8 GiB

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us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#LaunchInstances:

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Oregon KashishRoutray

EC2 > Instances > Launch an instance

Network settings Info Edit

Network Info

vpc-05fc8aab6ce4bd00b

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere

0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...read more

ami-055e3d4f0bbeb5878

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Cancel Launch instance Preview code

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us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:

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Dashboard

EC2 Global View

Events

Instances

Instances

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Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Instances (1) Info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

< 1 >

	Name	Instance ID	Instance state	Instance type	Status check	Alarm statu
<input type="checkbox"/>	WebServer2	i-0bcd9e15afa141f64	Running	t2.micro	Initializing	View alarm

Select an instance

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us-east-1.console.aws.amazon.com/route53/v2/home?region=us-west-1#GetStarted

awsSearch[Alt+S]

GlobalKashishRoutray

Route 53 > Get started

Get started

Choose your starting point

☐ Register a domain

Register the name, such as example.com, that your users use to access your application.

☐ Transfer domain

You can transfer domain names to Route 53 that you registered with another domain registrar.

☒ Create hosted zones

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

☐ Configure health checks

Health checks monitor your applications and web resources, and direct DNS queries to healthy resources.

☐ Configure traffic flow

A visual tool that lets you easily create policies for multiple endpoints in complex configurations.

☐ Configure resolvers

A regional service that lets you route DNS queries between your VPCs and your network.

[Cancel](#)[Get started](#)

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us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-west-1#CreateHostedZone

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GlobalKashishRoutray

Route 53 > Hosted zones > Create hosted zone

Create hosted zone

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.

goproject.shop

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

Description - optional

[Info](#)

This value lets you distinguish hosted zones that have the same name.

goproject.shop

The description can have up to 256 characters. 14/256

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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us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-west-1#CreateHostedZone

aws

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Global

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Route 53 > Hosted zones > Create hosted zone

goproject.shop

The description can have up to 256 characters. 14/256

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.

Cancel

Create hosted zone

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us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-west-1#ListRecordSets/Z0934966A168NCWBWUWKJ

aws

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Global

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Route 53 > Hosted zones > goproject.shop

Route 53

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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

goproject.shop 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.

Public

goproject.shop

Info

Delete zone

Test record

Configure query logging

Hosted zone details

Edit hosted zone

Records (2)

DNSSEC signing

Hosted zone tags (0)

Records (2)

Info

Delete record

Import zone file

Create record

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

Filter records by

Type

Routing p...

Alias

0 records selected

Select a record to see its details

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← → ↺

us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=us-west-1#ListRecordSets/Z0934966A168NCWBWUWJ

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Global KashishRoutray

aws

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Route 53 > Hosted zones > goproject.shop

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Requests

▼ Resolver

VPCs

Inbound endpoints

Outbound endpoints

🟢 goproject.shop 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

Edit hosted zone

Hosted zone name

goproject.shop

Hosted zone ID

Z0934966A168NCWBWUWJ

Description

goproject.shop

Name servers

ns-1710.awsdns-21.co.uk
ns-1498.awsdns-59.org
ns-971.awsdns-57.net
ns-304.awsdns-38.com

Query log

-

Type

Public hosted zone

Record count

2

Records (2)

DNSSEC signing

Hosted zone tags (0)

0 records selected

Select a record to see its details

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← → ↺

us-east-1.console.aws.amazon.com/route53/v2/hostedzones

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Route 53 > Hosted zones

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▼ Domains

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Requests

▼ Resolver

VPCs

Inbound endpoints

Outbound endpoints

Hosted zones (1/1)

View details Edit Delete Create hosted zone

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

🔍 Filter records by property or value

< 1 > ⚙️

	Hosted zone name	Type	Created by
<input type="radio"/>	goproject.shop	Public	Route 53

Hosted zone details

Hosted zone name

goproject.shop

Hosted zone ID

Z0934966A168NCWBWUWJ

Description

goproject.shop

Query log

-

Type

Public hosted zone

Record count

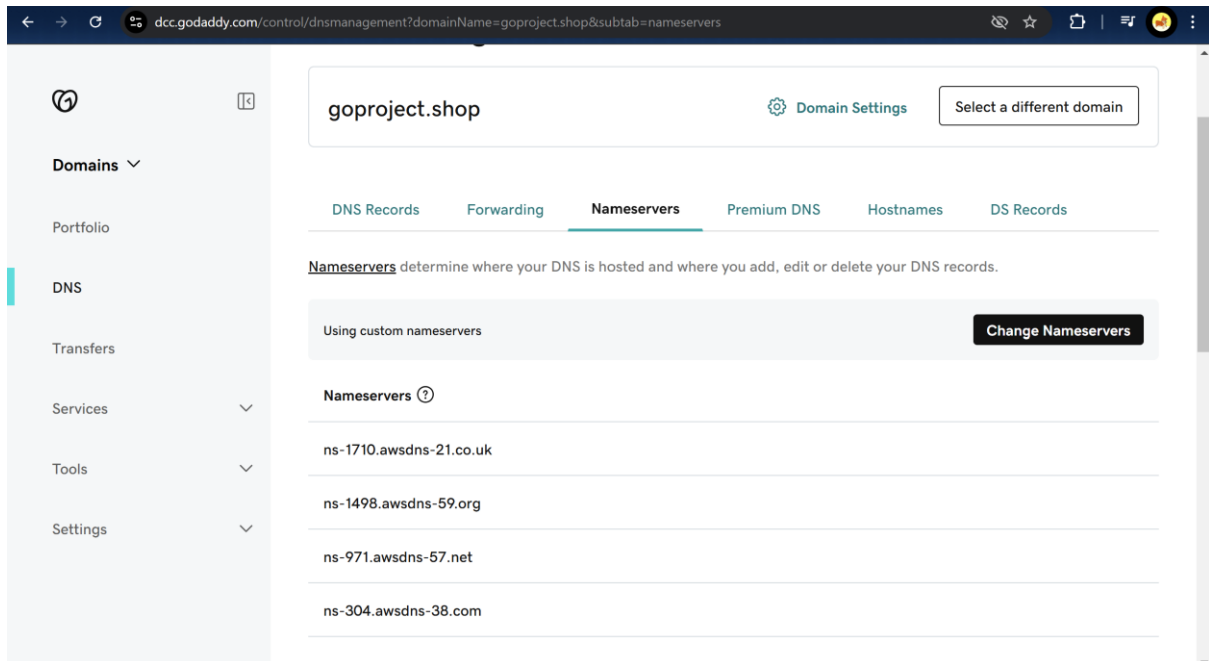
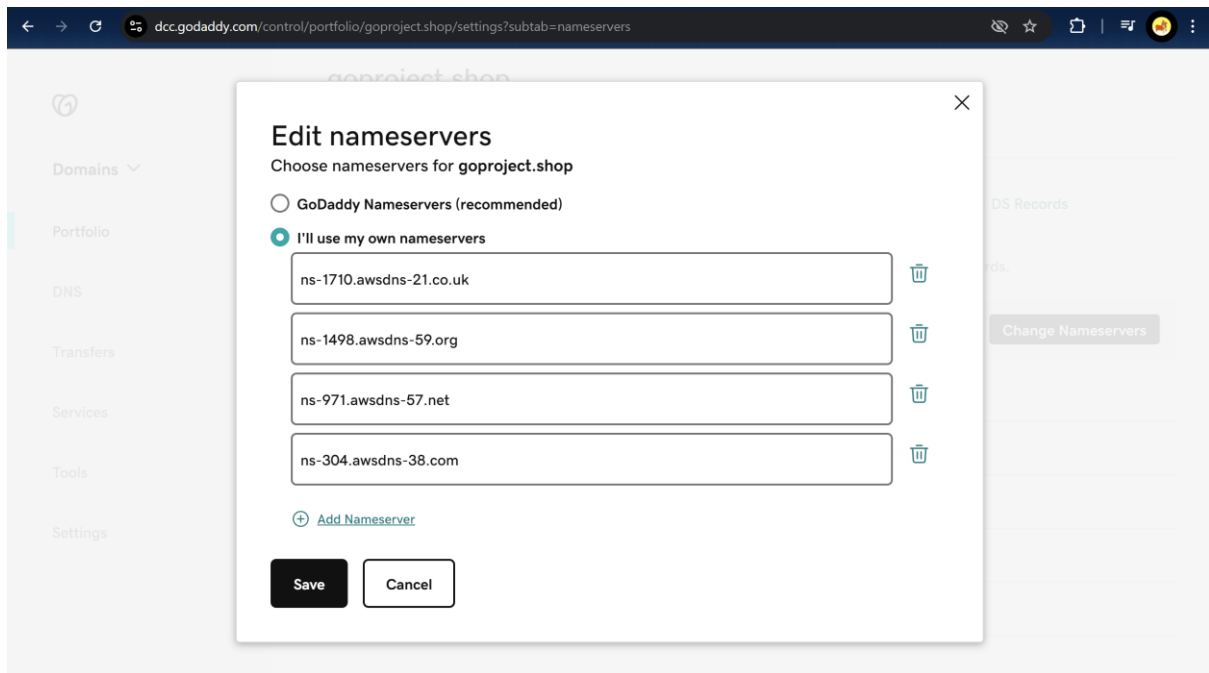
2

Name servers

• ns-1710.awsdns-21.co.uk
• ns-1498.awsdns-59.org

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←→↻us-east-1.console.aws.amazon.com/route53/healthchecks/home?region=us-west-1/#

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DashboardHosted zonesHealth checksProfilesIP-based routingCIDR collectionsTraffic flowTraffic policiesPolicy recordsDomainsRegistered domainsPending requestsResolverVPCsInbound endpoints

Try out the new health checks console experience


We've redesigned the health checks console to make it easier to use. Try out the new console, and let us know what you think.

Welcome to Route 53 health checks


Route 53 health checks monitor the health and performance of your application's servers, or endpoints, from a network of health checkers in locations around the world. You can specify either a domain name or an IP address and a port to create HTTP, HTTPS, and TCP health checks that check the health of the endpoint. To get started, click **Create health check**.

Create health check

Health check concepts



Availability and performance monitoring



DNS failover

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←→↻us-east-1.console.aws.amazon.com/route53/healthchecks/home?region=us-west-1#/create

awsSearchec2

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Step 1: Configure health check

Step 2: Get notified when health check fails

Configure health check

Route 53 health checks let you track the health status of your resources, such as web servers or mail servers, and take action when an outage occurs.

NameWebServer1

What to monitor

☒ Endpoint

☐ Status of other health checks (calculated health check)

☐ State of CloudWatch alarm

Monitor an endpoint

Multiple Route 53 health checkers will try to establish a TCP connection with the following resource to determine whether it's healthy.
[Learn more](#)

Specify endpoint by

☒ IP address☐ Domain name

ProtocolHTTP

IP address *54.176.195.119

Host namegoproject.shop

Port *80

Path/index.html

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us-east-1.console.aws.amazon.com/route53/healthchecks/home?region=us-west-1#/create

Advanced configuration

Request interval ☒ Standard (30 seconds) ☐ Fast (10 seconds) ⓘ

Failure threshold * ⓘ

String matching ☒ No ☐ Yes ⓘ

Latency graphs ☐ ⓘ

Invert health check status ☐ ⓘ

Disable health check ☐ By default, disabled health checks are considered healthy. [Learn more](#) ⓘ

Health checker regions ☐ Customize ☒ Use recommended ⓘ

- US East (N. Virginia)
- US West (N. California)
- US West (Oregon)
- EU (Ireland)
- Asia Pacific (Singapore)
- Asia Pacific (Sydney)
- Asia Pacific (Tokyo)
- South America (São Paulo)

URL ⓘ

Health check type Basic - no additional options selected ([View Pricing](#))

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us-east-1.console.aws.amazon.com/route53/healthchecks/home#/?

Try out the new health checks console experience

We've redesigned the health checks console to make it easier to use. [Try out the new console](#), and let us know what you think.

Create health check Delete health check Edit health check

Filter by keyword

1 to 2 of 2 health checks

	Name	Status	Description	Alarms
<input type="checkbox"/>	WebServer1	29 minutes ago 14 minutes ago Unhealthy	http://54.176.195.119:80/index.html	No alarms configured
<input type="checkbox"/>	WebServer2	29 minutes ago 14 minutes ago Unhealthy	http://54.184.162.107:80/index.html	No alarms configured

Info Monitoring Alarms Tags Health checkers Latency

No health check selected.

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