

Amazon Route 53

Amazon Route 53 is a highly available and scalable cloud Domain Name System (DNS) web service. It is a reliable and cost effective way to route end users to Internet applications by translating names like `www.example.com` into the numeric IP addresses like `192.0.2.1` that computers use to connect to each other. This can connect user requests to infrastructure running in AWS – such as Amazon EC2 instances, Elastic Load Balancing load balancers, or Amazon S3 buckets – and can also be used to route users to infrastructure outside of AWS.

When Route 53 is configured as a DNS service, it routes internet traffic to the website by translating friendly domain names like `www.example.com` into numeric IP addresses, that computers use to connect to each other.

When you create a hosted zone, Route 53 automatically creates a name server (NS) record and a start of authority (SOA) record for the zone. The NS record identifies the four name servers that Route 53 associated with your hosted zone. To make Route 53 the DNS service for a domain, update the registration for the domain to use these four name servers.

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

Route 53 Dashboard Info

DNS management A hosted zone tells Route 53 how to respond to DNS queries for a domain such as <code>example.com</code> . 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 <code>example.com</code> , that your users use to access your application. Register domain
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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.

<input checked="" type="radio"/> Public hosted zone A public hosted zone determines how traffic is routed on the internet.	<input type="radio"/> Private hosted zone A private hosted zone determines how traffic is routed within an Amazon VPC.
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Route 53 > Hosted zones > asegk.xyz

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

Records (2) Info Info Refresh 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 property or value Type Routing policy Alias < 1 > Settings

<input type="checkbox"/>	Record name	Type	Routin...	Differ...	Value/Route traffic to
<input type="checkbox"/>	asegk.xyz	NS	Simple	-	ns-582.awsdns-08.net. ns-2012.awsdns-59.co.uk. ns-1063.awsdns-04.org. ns-412.awsdns-51.com.
<input type="checkbox"/>	asegk.xyz	SOA	Simple	-	ns-582.awsdns-08.net. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400

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asegk.xyz 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.

Route 53 > Hosted zones > asegk.xyz

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

Records (1/2) Info Info Refresh Delete record Import zone file Create record

The following table lists the existing records in asegk.xyz. You can't delete the SOA record or the NS record named asegk.xyz.

Filter records by property or value Type Routing policy Alias < 1 > Settings

<input type="checkbox"/>	Record name	Type	Routin...	Differ...	Value/Route traffic to
<input checked="" type="checkbox"/>	asegk.xyz	NS	Simple	-	ns-582.awsdns-08.net. ns-2012.awsdns-59.co.uk. ns-1063.awsdns-04.org. ns-412.awsdns-51.com.

Record details Edit record

Record name
 asegk.xyz

Record type
NS

Value
 ns-582.awsdns-08.net.
 ns-2012.awsdns-59.co.uk.
 ns-1063.awsdns-04.org.
 ns-412.awsdns-51.com.

Alias
No

TTL (seconds)
172800



WhatsApp

Connect with GoDaddy on WhatsApp

Sign in

New to GoDaddy? [Create an Account](#)

Username or Customer #

Password Show

Keep me signed in on this device

Sign In

Start using your new products



asegk.xyz

Create a website or email address

Domains

NEW

asegk.xyz



Create a website

Edit Settings



Set up an email

Change Privacy



Connect to an

Manage DNS



Manage my domain


Records

Last updated 10-03-2021 16:01 PM

Type	Name	Value	TTL	
A	@	Parked	600 seconds	
CNAME	www	@	1 Hour	
CNAME	_domainconnect	_domainconnect.gd.domaincontrol.com	1 Hour	
NS	@	ns77.domaincontrol.com	1 Hour	
NS	@	ns78.domaincontrol.com	1 Hour	
SOA	@	Primary nameserver: ns77.domaincontrol.co...	1 Hour	

Nameservers

Last updated 10-03-2021 16:01 PM

Using default nameservers [Change](#) 

Nameserver

ns77.domaincontrol.com

ns78.domaincontrol.com

Here need to add the name servers by AWS, that is NS of the domain in route 53

Connect My Domain to a Website

Changing nameservers is risky, and could potentially lead to your website disappearing from public view. We can help you achieve your objectives while keeping your nameservers with us to get rock-solid security infrastructure, light-speed resolution and global reach.



Connect my domain to a website I've built

[Enter my own nameservers \(advanced\)](#)

My Domains

DNS Management

asegk.xyz

Enter My Own Nameservers

Changing nameservers is risky, and change could potentially lead to your website disappearing from public view.

Nameserver 1



Nameserver 2



[Add Nameserver](#)

DNS Management

asegk.xyz

Enter My Own Nameservers

Changing nameservers is risky, and change could potentially lead to your website disappearing from public view.

ns-582.awsdns-08.net



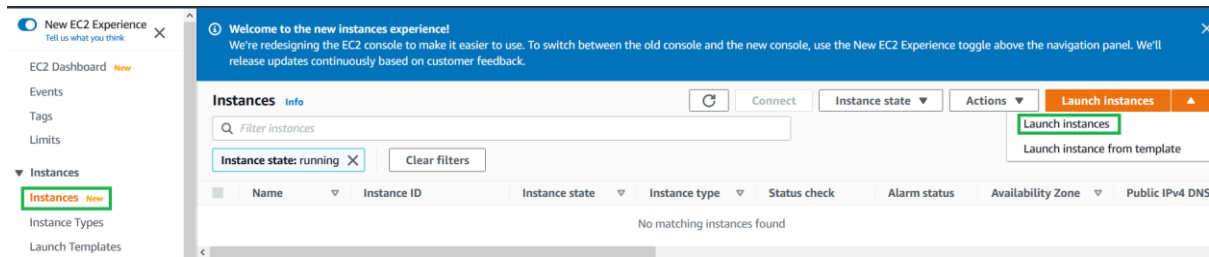
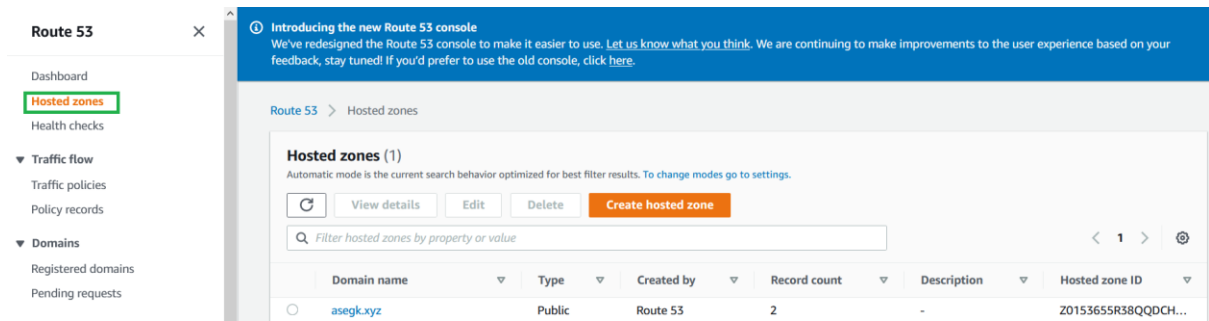
ns-1063.awsdns-04.org



Add Nameserver

Create Zone

The screenshot shows the AWS Route 53 console interface. At the top, there is an AWS logo, a 'Services' dropdown menu, and a search bar. The main content area is divided into a left-hand navigation pane and a main dashboard area. In the navigation pane, the 'Route 53' section is expanded, and the 'Hosted zones' option is highlighted with a green box. The main dashboard area features a blue notification banner at the top about the new Route 53 console. Below this, the breadcrumb 'Route 53 > Dashboard' is visible. The main heading is 'Route 53 Dashboard' with an 'Info' link. A large card titled 'DNS management' displays the number '1' and a green arrow pointing to the text 'Hosted zone'. Below this card, there is a 'Register domain' section.



Create instance and added back to load balancer

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review

Step 3: Configure Instance Details

Elastic Inference ⓘ Add an Elastic Inference accelerator
Additional charges apply.

Credit specification ⓘ Unlimited
Additional charges may apply

File systems ⓘ

▼ **Advanced Details**

Enclave ⓘ Enable

Metadata accessible ⓘ

Metadata version ⓘ

Metadata token response hop limit ⓘ

User data ⓘ As text As file Input is already base64 encoded

```
#/bin/bash
yum install httpd -y
echo "Welcome to asegk WEBSERVER" > /var/www/html/index.html
service httpd start
chkconfig httpd on
```

```
#!/bin/bash
yum install httpd -y
echo "Welcome to asegk WEBSERVER" > /var/www/html/index.html
service httpd start
chkconfig httpd on
```

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to see instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2:

Assign a security group: Create a new security group
 Select an existing security group

Security group name:

Description:

Type ⁱ	Protocol ⁱ	Port Range ⁱ	Source ⁱ
SSH	TCP	22	Custom 0.0.0.0/0
HTTP	TCP	80	Custom 0.0.0.0, ::/0

Create classic load balancer

The screenshot shows the AWS Management Console interface. At the top, there is a navigation bar with the AWS logo, 'Services' with a dropdown arrow, and a search bar containing the text 'Search for services,'. On the left side, there is a navigation menu with two main sections: 'Network & Security' and 'Load Balancing'. Under 'Network & Security', there are links for 'Security Groups', 'Elastic IPs', 'Placement Groups', 'Key Pairs', and 'Network Interfaces'. Under 'Load Balancing', there is a link for 'Load Balancers'. The 'Load Balancers' link is highlighted with a green box. In the main content area, there is a large blue button labeled 'Create Load Balancer' which is also highlighted with a green box. To the right of this button is an 'Actions' dropdown menu. Below the button is a search bar with the placeholder text 'Filter by tags and attributes or search by keyword'. At the bottom of the main content area, there is a table header with two columns: 'Name' and 'DNS name'.

Classic Load Balancer

PREVIOUS GENERATION

for HTTP, HTTPS, and TCP

Create

Choose a Classic Load Balancer when you have an existing application running in the EC2-Classical network.

[Learn more >](#)

1. Define Load Balancer 2. Assign Security Groups 3. Configure Security Settings 4. Configure Health Check 5. Add EC2 Instances 6. Add Tags 7. Review

Step 1: Define Load Balancer

Basic Configuration

This wizard will walk you through setting up a new load balancer. Begin by giving your new load balancer a unique name so that you can identify it from other load balancers you might create. You will also specify the VPC in which to create your load balancer. Traffic from your clients can be routed from any load balancer port to any port on your EC2 instances. By default, we've configured your load balancer with a standard web server port.

Load Balancer name:

Create LB Inside:

Create an internal load balancer: [\(what's this?\)](#)

Enable advanced VPC configuration:

Listener Configuration:

Load Balancer Protocol	Load Balancer Port	Instance Protocol	Instance Port
<input type="text" value="HTTP"/>	<input type="text" value="80"/>	<input type="text" value="HTTP"/>	<input type="text" value="80"/>

Add

Step 2: Assign Security Groups

You have selected the option of having your Elastic Load Balancer inside of a VPC, which allows you to assign security groups to your load balancer. Please select the time.

- Assign a security group:
- Create a new security group
 - Select an existing security group

Security Group ID	Name	Description
<input type="checkbox"/> sg-6b313419	default	default VPC security group
<input type="checkbox"/> sg-057d8db06cb7d9856	launch-wizard-1	launch-wizard-1 created 2021-03-10T19:05:23.015+05:30
<input checked="" type="checkbox"/> sg-0d02c86f50e021719	web-load-balancer	load-balancer-wizard-1 created on 2021-03-10T19:17:00.433+05:30

Step 4: Configure Health Check

Your load balancer will automatically perform health checks on your EC2 instances. You can configure the health check to meet your specific needs.

Ping Protocol

Ping Port

Ping Path

Advanced Details

Response Timeout seconds

Interval seconds

Unhealthy threshold

Healthy threshold

Step 5: Add EC2 Instances

The table below lists all your running EC2 instances. Check the boxes in the Select column to add those instances to this load balancer.

VPC vpc-a37ef3c8 (172.31.0.0/16)

Instance	Name	State	Security groups	Zone	Subnet ID	Subnet CIDR
<input type="checkbox"/>	i-0ed41630418259e4f	running	iis-webrule	us-east-2a	subnet-b21da8d9	172.31.0.0/20
<input type="checkbox"/>	i-0a9ada142db609fe9	stopped	default	us-east-2b	subnet-84b557f9	172.31.16.0/20

Availability Zone Distribution

- Enable Cross-Zone Load Balancing
- Enable Connection Draining seconds

EC2 Management Console | webloadbalancer-1643234566.us-east-2.elb.amazonaws.com

← → ↻ 🏠 | 🔒 webloadbalancer-1643234566.us-east-2.elb.amazonaws.com

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Welcome to asejk WEBSERVER

Create A record

asegk.xyz [Info](#) Delete zone Test record Configure query logging

Hosted zone details Edit hosted zone

Records (3) | [DNSSEC signing](#) | [Hosted zone tags \(0\)](#)

Records (3) [Info](#) Refresh 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.](#)

Type Routing policy Alias < 1 > Settings

Route 53 > Hosted zones > asegk.xyz > Create record

Quick create record [Info](#) Switch to wizard Add another record

▼ Record 1 Delete

Record name [Info](#) .asegk.xyz

Record type [Info](#)

Route traffic to [Info](#) Alias

Routing policy [Info](#)

Evaluate target health Yes

Cancel Create records

Records (3) [Info](#) Refresh Delete record

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

Type Routing policy Alias

<input type="checkbox"/>	Record name	Type	Routin...	Differ...	Value/Route traffic to
<input type="checkbox"/>	asegk.xyz	NS	Simple	-	ns-582.awsdns-08.net. ns-2012.awsdns-59.co.uk. ns-1063.awsdns-04.org. ns-412.awsdns-51.com.
<input type="checkbox"/>	asegk.xyz	SOA	Simple	-	ns-582.awsdns-08.net. awsdns-hostmaster.amazon.com. 1 7200 900 120!
<input type="checkbox"/>	myblog.asegk.xyz	A	Simple	-	dualstack.webloadbalancer-1643234566.us-east-2.elb.amazonaws.com.

myblog.asegk.xyz/ +

... 🔒 🌟

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