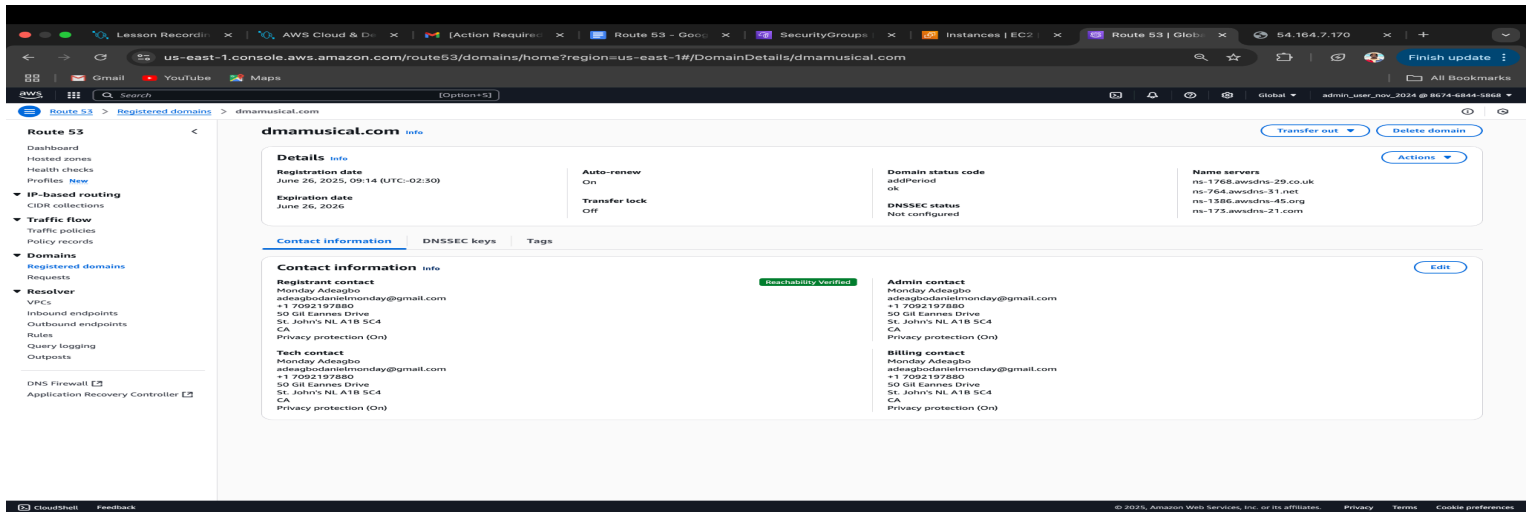


Route 53

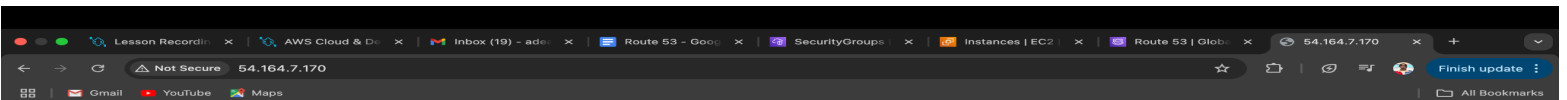
Name : Adeagbo M Daniel

Route 53 Hands On

Register a domain name in Route 53



Deploy an apache server in us-east-1 that display “This was Server launched by Adeagbo Daniel running from N. Virginia”



This was Server launched by Adeagbo Daniel running from N. Virginia

Create a DNS record that point to the IP of the newly launched website server (The DNS record should follow this format: **homework1.<your_domain>.com**)

Record for dmamusical.com was successfully created. Route 53 propagates your changes to all of the Route 53 authoritative DNS servers within 60 seconds. Use "View status" button to check propagation status.

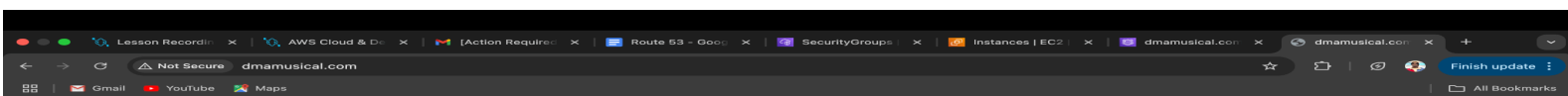
Hosted zone details

Records (3)

Record name	Type	Routing...	Differ...	Alias	Value/Route traffic to	TTL (s)	Health...	Evalu...
dmamusical.com	NS	Simple	-	No	ns-1768.awsdns-29.co.uk, ns-764.awsdns-31.net, ns-1868.awsdns-45.org, ns-173.awsdns-21.com	172800	-	-
dmamusical.com	SOA	Simple	-	No	ns-1768.awsdns-29.co.uk. a...	900	-	-
www.dmmusical.com	A	Simple	-	No	54.164.7.170	300	-	-

Record details

Record name: www.dmmusical.com
Record type: A
Value: 54.164.7.170
Alias: No
TTL (seconds): 300
Routing policy: Simple



This was Server launched by Adeagbo Daniel running from N. Virginia

Work2 :

- Deploy an apache server in eu-west-2 that display “This was Server launched by Adeagbo Daniel running from LONDON”

The screenshot displays the AWS Management Console for the eu-west-2 region. The left sidebar shows the navigation menu with categories like EC2, Images, Elastic Block Store, and Network & Security. The main content area shows the 'Instances (1/1)' page. A table lists the instance 'MyEC2' with its ID, state (Running), type (t2.micro), and other details. Below the table, the 'Details' tab for instance 'i-06138bd8af56ae2a7' is selected, showing various attributes such as Instance ID, IPv6 address, Hostname type, Answer private resource DNS name, Auto-assigned IP address, Public IPv4 address, Instance state, Private IP DNS name, Instance type, VPC ID, Private IPv4 addresses, Public DNS, Elastic IP addresses, and AWS Compute Optimizer finding.

This was Server launched by Adeagbo Daniel running from LONDON

- Create an ALB that will serve traffic to your application in eu-west-2

Load balancers (1/1)

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Name	DNS name	State	VPC ID	Availability Zones	Type	Date created
AB	AB-897046095.eu-west-2.elb.amazonaws.com	Active	vpc-0cb115f0709a786e8	2 Availability Zones	application	June 27, 2025

Load balancer: AB

Details

- Load balancer type:** Application
- Status:** Active
- VPC:** vpc-0cb115f0709a786e8
- Load balancer IP address type:** IPv4
- Scheme:** Internet-facing
- Hosted zone:** ZHURV8PSTC4K8
- Availability Zones:** subnet-0072e0cbdd0af9efd (eu-west-2a), subnet-0dcbe6e306056242e (eu-west-2b)
- Date created:** June 27, 2025, 07:54 (UTC-02:30)
- Load balancer ARN:** arn:aws:elasticloadbalancing:eu-west-2:867468445868:loadbalancer/app/AB/0c9106f562604a2b
- DNS name:** AB-897046095.eu-west-2.elb.amazonaws.com (A Record)

Create a DNS record that point to the ALB DNS recently created (The DNS record should follow this format: **homework2.<your_domain>.com**)

Record for dmamusical.com was successfully created.

Route 53 propagates your changes to all of the Route 53 authoritative DNS servers within 60 seconds. Use "View status" button to check propagation status.

Hosted zone details

Records (4)

Record name	Type	Routing policy	Value/Route traffic to	TTL (seconds)
dmamusical.com	NS	Simple	ns-1768.awdns-29.co.uk, ns-764.awdns-31.net, ns-1386.awdns-45.org, ns-175.awdns-21.com	172800
dmamusical.com	SOA	Simple	ns-1768.awdns-29.co.uk, ns-764.awdns-31.net, ns-1386.awdns-45.org, ns-175.awdns-21.com	900
homework2-dmamusical.com	A	Simple	dualstack-ab-897046095.eu-west-2.elb.amazonaws.com	-
www.dmamusical.com	A	Simple	54.164.7.170	300

Record details

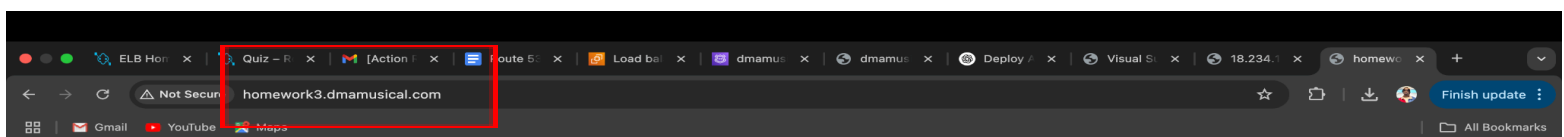
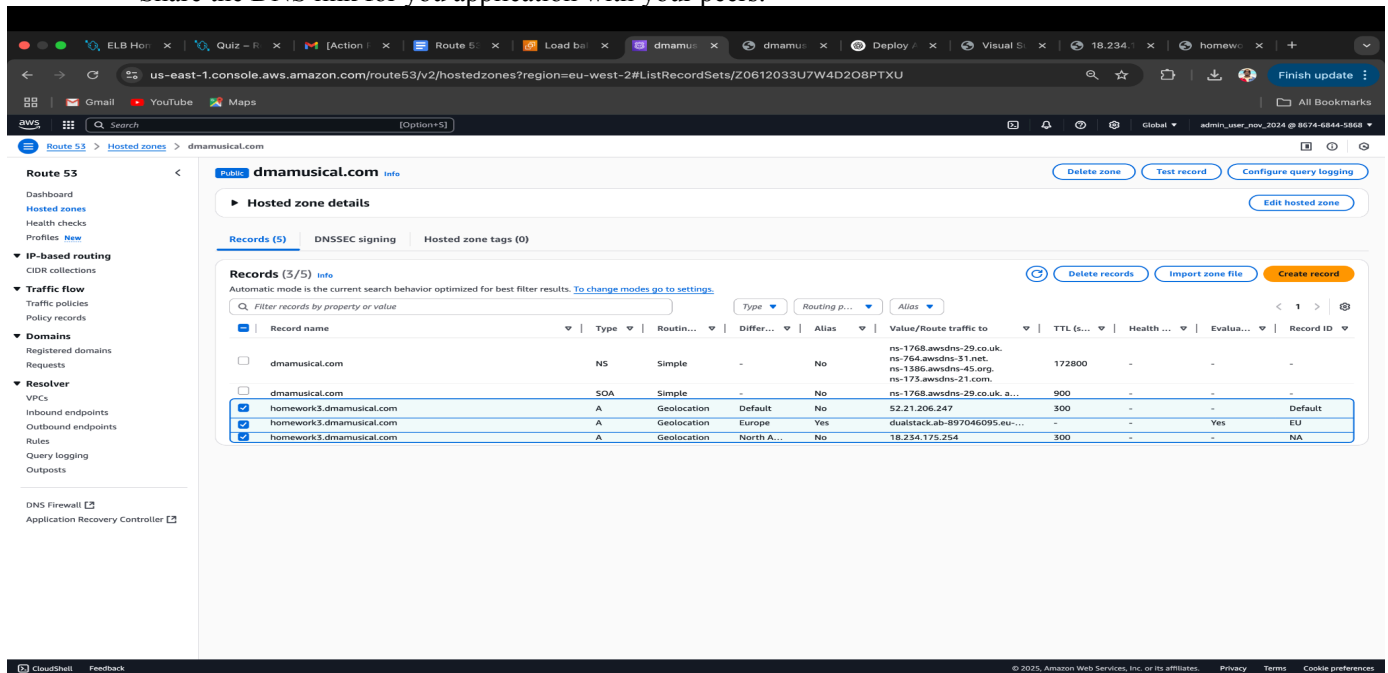
- Record name:** homework2-dmamusical.com
- Record type:** A
- Value:** dualstack-ab-897046095.eu-west-2.elb.amazonaws.com
- Alias:** Yes
- TTL (seconds):** -
- Routing policy:** Simple

Not Secure homework2.dmamusical.com

This was Server launched by Adeagbo Daniel running from LONDON

Work3 :

- Create a DNS record named: **homework3.<your_domain>.com**
- homework3.<your_domain>.com should be accessible as follow:
- Users in **USA & Canada** should be directed to the application created in **homework 1**
- Users **Europe** should be directed to the application created in **homework 2**
- Every other users should be directed to **52.21.206.247**
- Share the DNS link for you application with your peers.



This was Server launched by Adeagbo Daniel running from N.Virginia