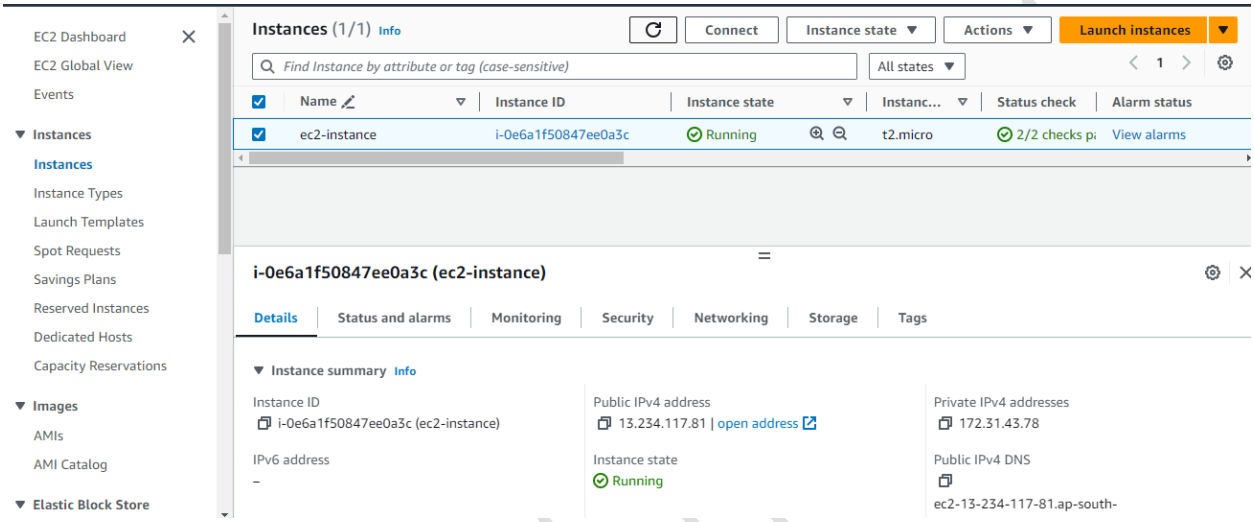
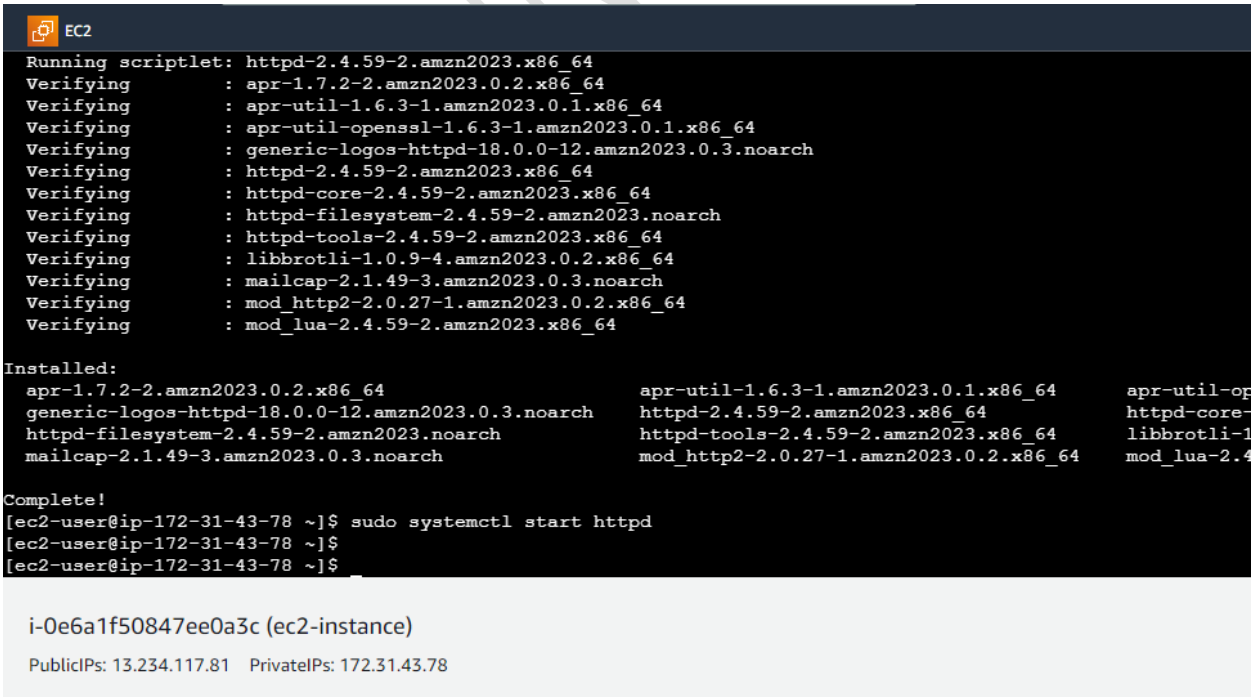
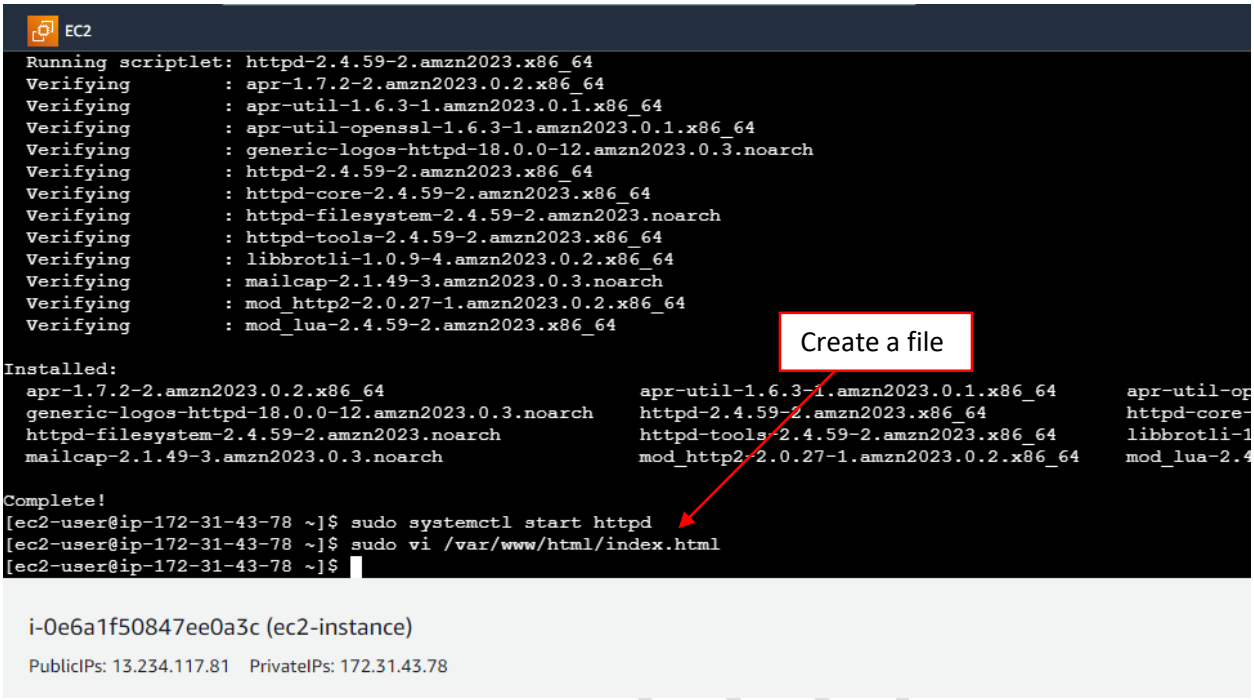
ROUTE 53 – CONFIGURE DNS ENTRIES IN ROUTE 53 WITH THE INSTANCE IP

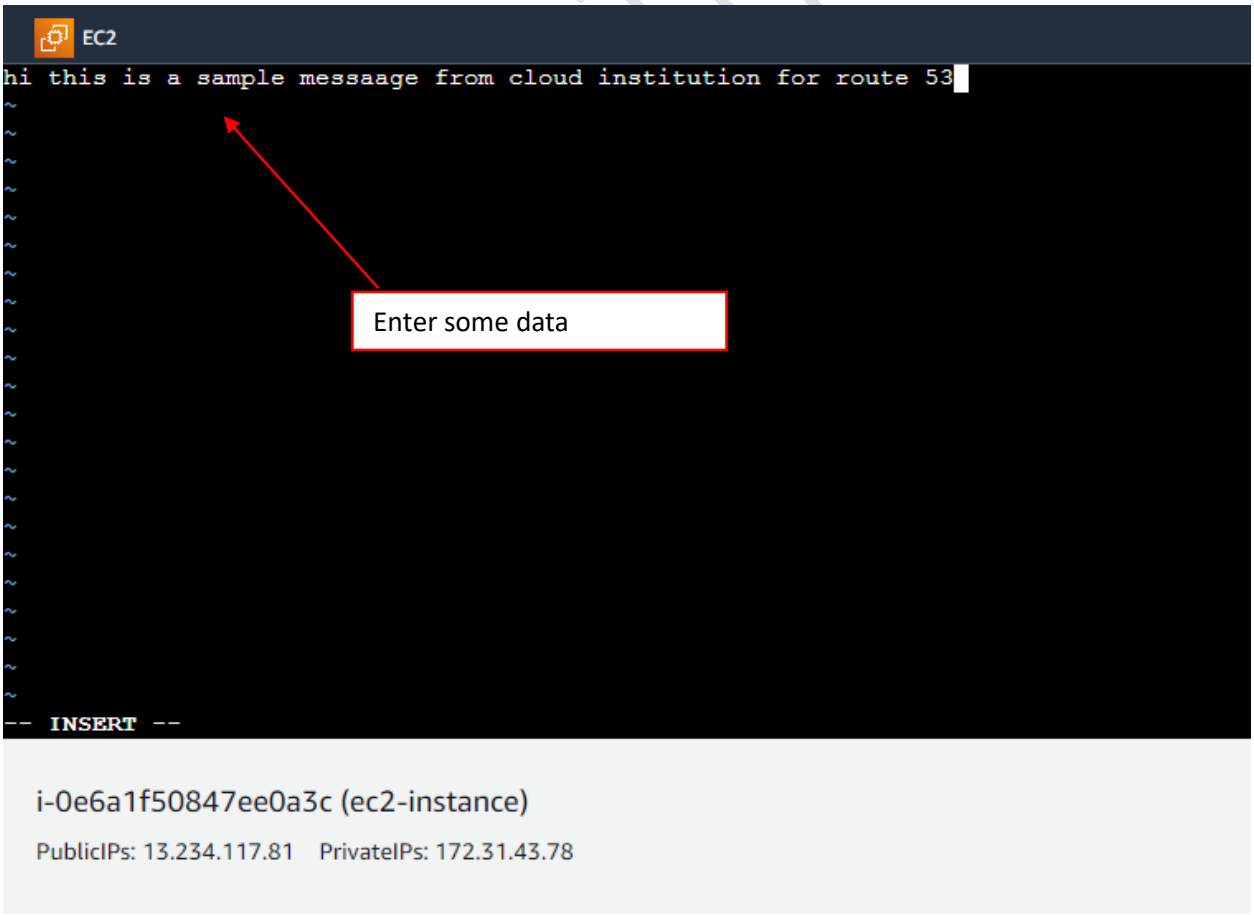
Step 1: Create a EC2 instance



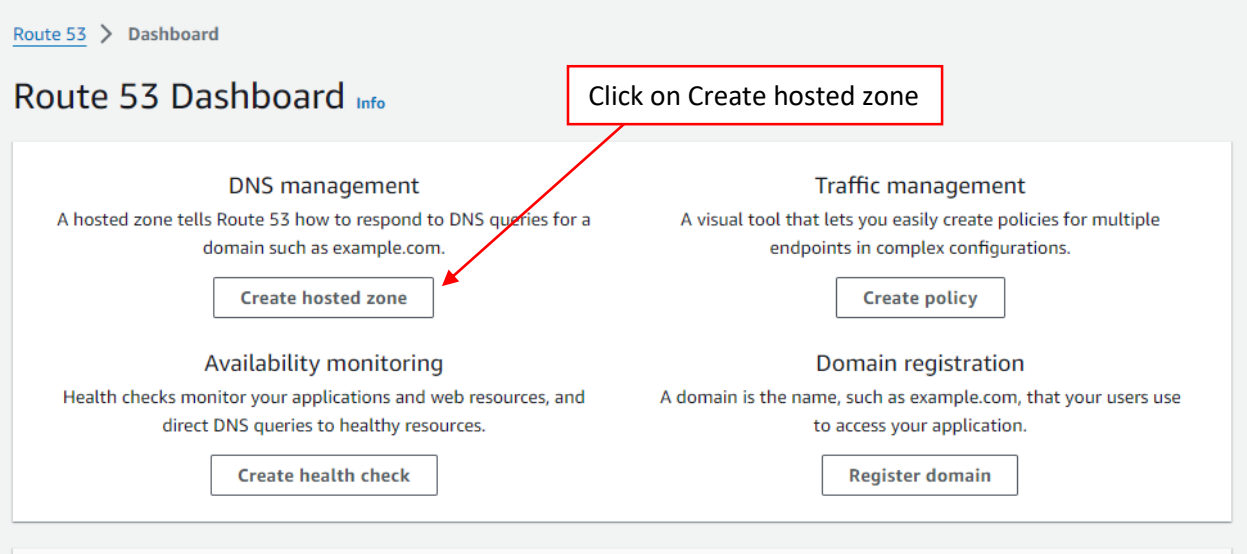
Connect with the instance and install httpd service

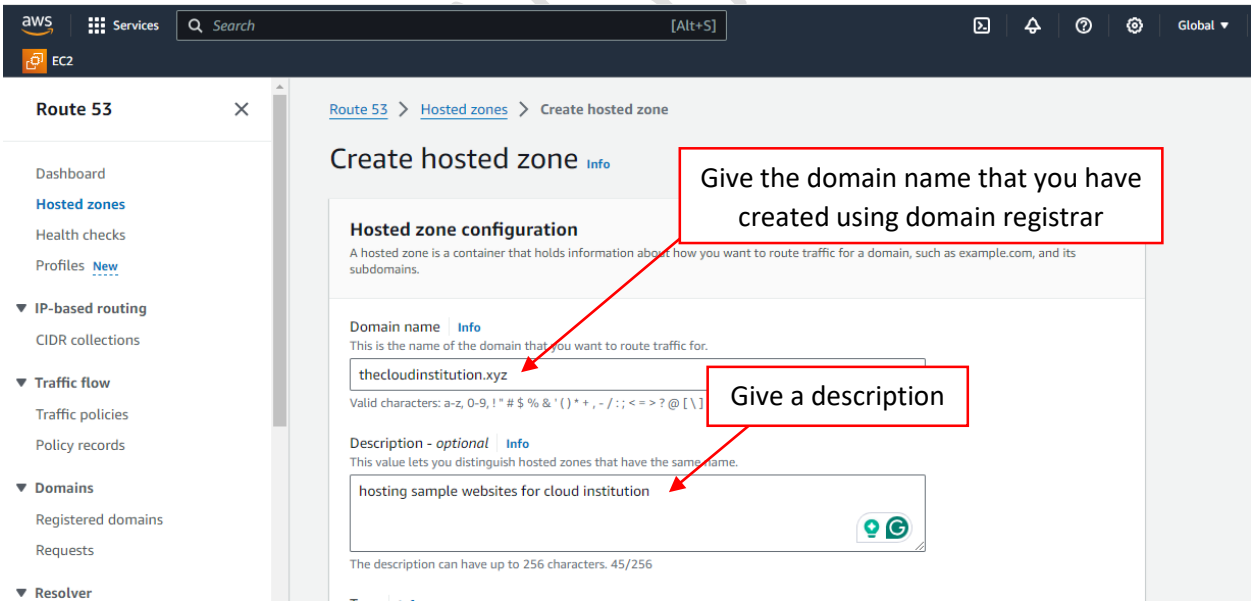


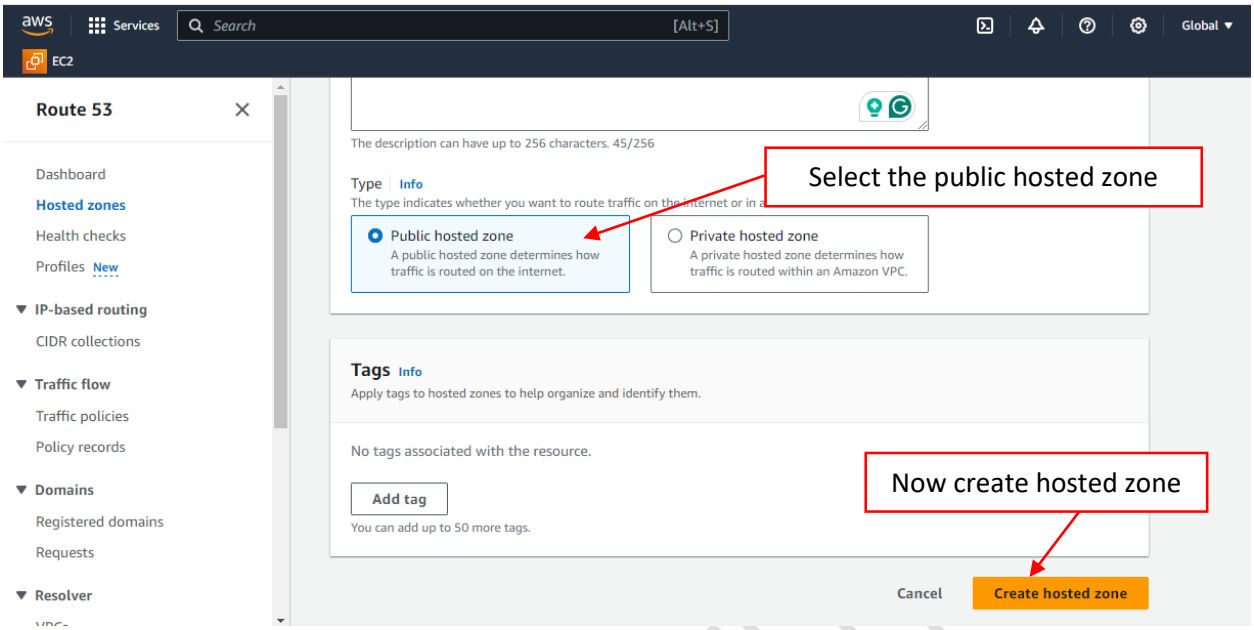

EC2
Running scriptlet: httpd-2.4.59-2.amzn2023.x86_64
Verifying : apr-1.7.2-2.amzn2023.0.2.x86_64
Verifying : apr-util-1.6.3-1.amzn2023.0.1.x86_64
Verifying : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
Verifying : httpd-2.4.59-2.amzn2023.x86_64
Verifying : httpd-core-2.4.59-2.amzn2023.x86_64
Verifying : httpd-filesystem-2.4.59-2.amzn2023.noarch
Verifying : httpd-tools-2.4.59-2.amzn2023.x86_64
Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86_64
Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch
Verifying : mod_http2-2.0.27-1.amzn2023.0.2.x86_64
Verifying : mod_lua-2.4.59-2.amzn2023.x86_64
Installed:
apr-1.7.2-2.amzn2023.0.2.x86_64
apr-util-1.6.3-1.amzn2023.0.1.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
httpd-2.4.59-2.amzn2023.x86_64
httpd-filesystem-2.4.59-2.amzn2023.noarch
httpd-tools-2.4.59-2.amzn2023.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch
mod_http2-2.0.27-1.amzn2023.0.2.x86_64
Complete!
[ec2-user@ip-172-31-43-78 ~]$ sudo systemctl start httpd
[ec2-user@ip-172-31-43-78 ~]$ sudo vi /var/www/html/index.html
[ec2-user@ip-172-31-43-78 ~]$
Create a file
i-0e6a1f50847ee0a3c (ec2-instance)
PublicIPs: 13.234.117.81 PrivateIPs: 172.31.43.78


EC2
hi this is a sample messaage from cloud institution for route 53
-- INSERT --
Enter some data
i-0e6a1f50847ee0a3c (ec2-instance)
PublicIPs: 13.234.117.81 PrivateIPs: 172.31.43.78

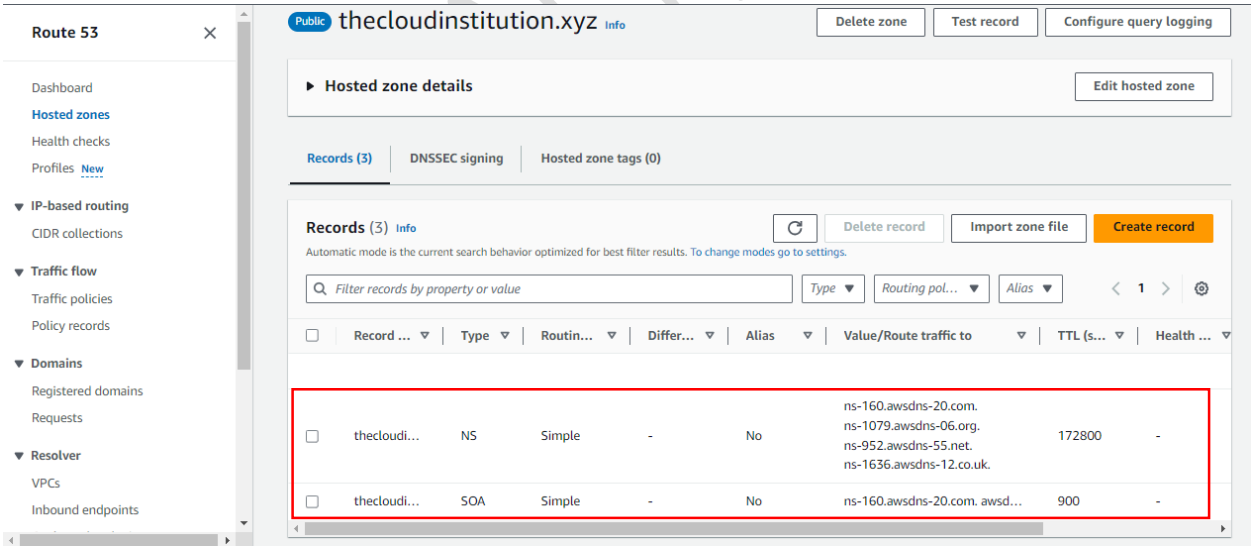
Step 2: Now go to Route 53

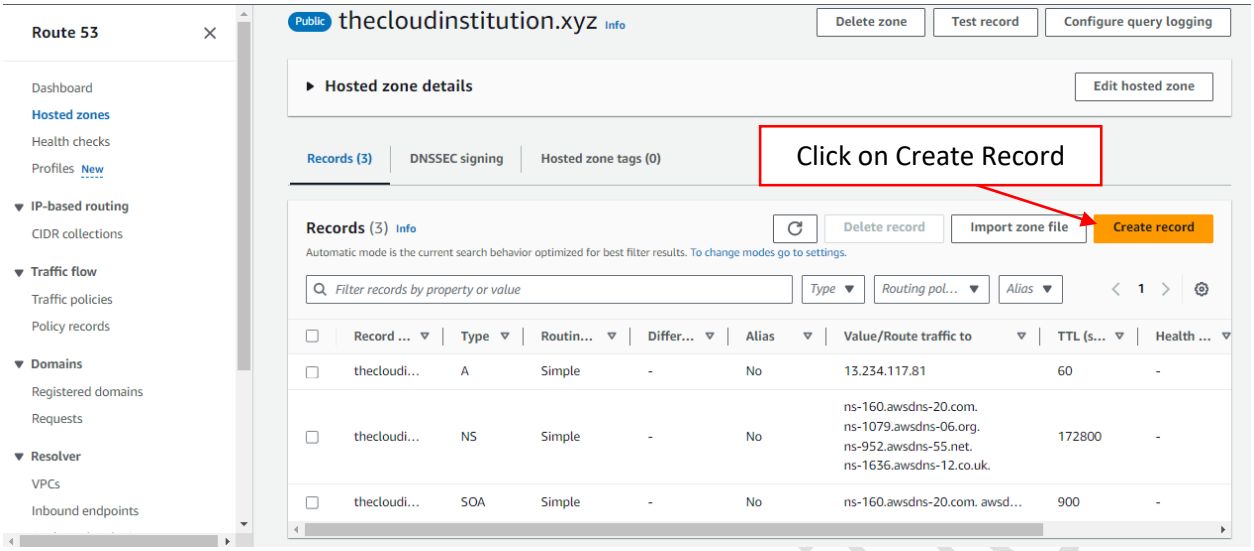


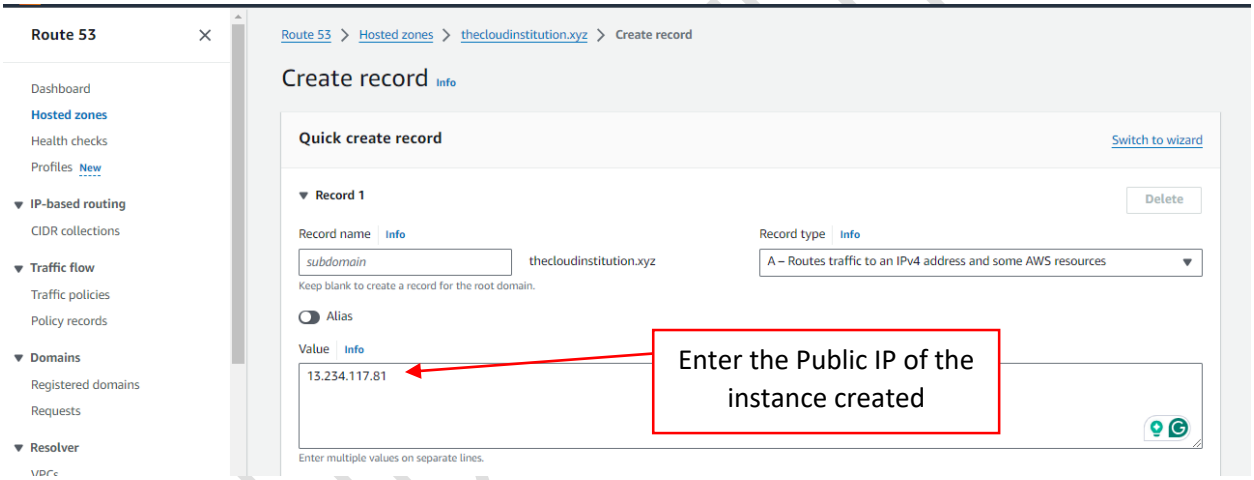


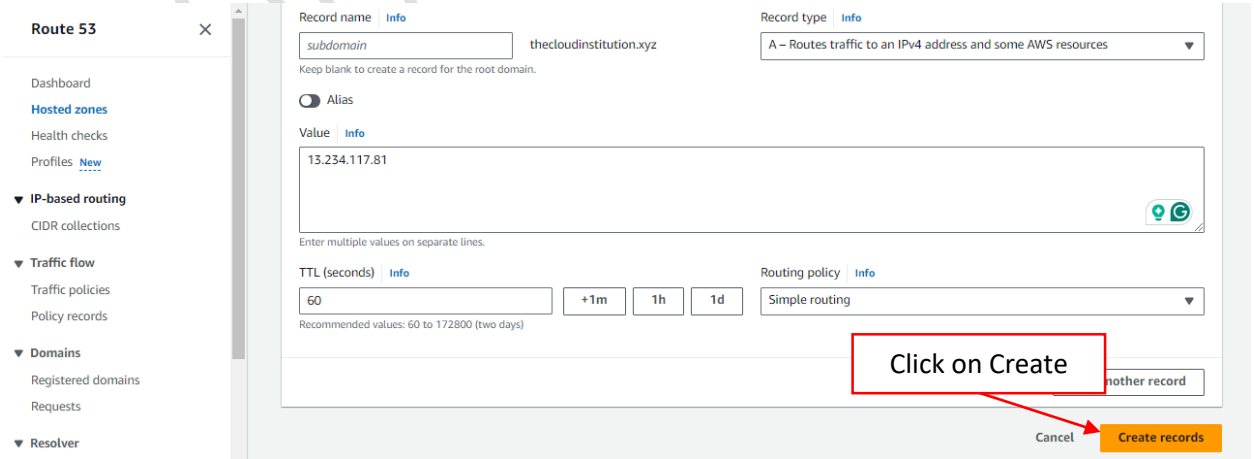


Hosted zones created

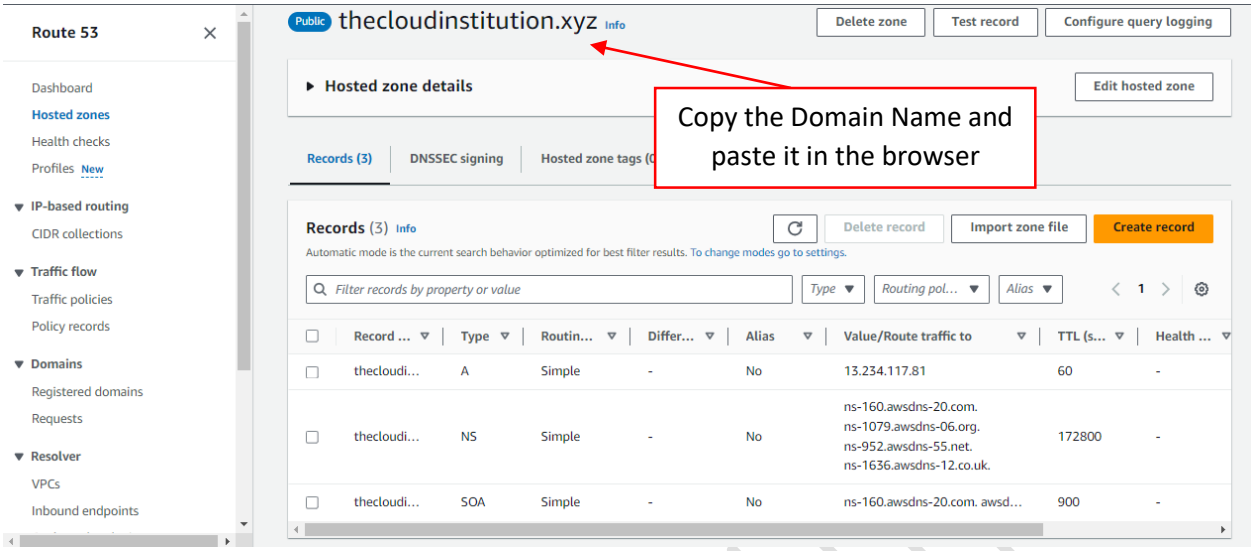


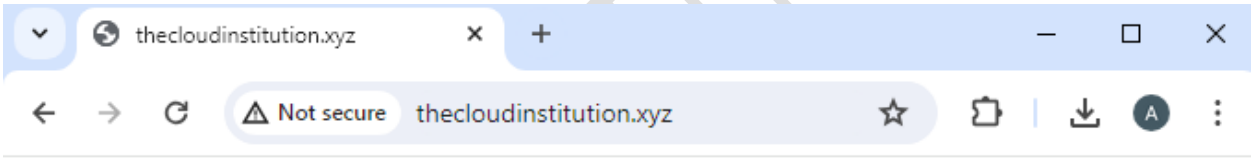

Route 53
Dashboard
Hosted zones
Health checks
Profiles New
IP-based routing
CIDR collections
Traffic flow
Traffic policies
Policy records
Domains
Registered domains
Requests
Resolver
VPCs
Inbound endpoints
Public thecloudinstitution.xyz Info
Delete zone
Test record
Configure query logging
Hosted zone details
Edit hosted zone
Records (3)
DNSSEC signing
Hosted zone tags (0)
Click on Create Record
Records (3) 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 property or value
Type
Routing pol...
Alias
Record ...
Type
Routin...
Differ...
Alias
Value/Route traffic to
TTL (s...
Health ...
thecloudi... A Simple - No 13.234.117.81 60 -
thecloudi... NS Simple - No ns-160.awsdns-20.com. ns-1079.awsdns-06.org. ns-952.awsdns-55.net. ns-1636.awsdns-12.co.uk. 172800 -
thecloudi... SOA Simple - No ns-160.awsdns-20.com. awsd... 900 -


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
Route 53 > Hosted zones > thecloudinstitution.xyz > Create record
Create record Info
Quick create record
Switch to wizard
Record 1
Delete
Record name Info
subdomain
thecloudinstitution.xyz
Keep blank to create a record for the root domain.
Record type Info
A – Routes traffic to an IPv4 address and some AWS resources
Alias
Value Info
13.234.117.81
Enter the Public IP of the instance created
Enter multiple values on separate lines.


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
Record name Info
subdomain
thecloudinstitution.xyz
Keep blank to create a record for the root domain.
Record type Info
A – Routes traffic to an IPv4 address and some AWS resources
Alias
Value Info
13.234.117.81
Enter multiple values on separate lines.
TTL (seconds) Info
60
+1m
1h
1d
Recommended values: 60 to 172800 (two days)
Routing policy Info
Simple routing
Click on Create
Cancel
Create records

Record created





hi this is a sample messaage from cloud institution for route 53