Complete Details about interview and project explanation

AMS: Front End - Ec2
POC : Back End - Ec2
Database: Mysql 8.1 - RDS

Highly available + Highly Sclable + Security + Cost Optimization
Calculate application running time, Occording that we can create infrastructure
Domain Specific Infrastricture
Security : SG / ACL
High Available : Multi availablity Zone
Scalable: ASG

Ec2 -> Front End (Static Files) -> Backed(Php Application) -> RDS (DC/ DR)

DC-> Mumbai
DR-> North Virgenia

Route 53 -> Once DC down Traffic move to DR

Purchase Domain from Go Daddy or Route 53 -> Server in different Zone -> Load Balancer for balance load -> Static Content in S3.

Disastor Recovery:

Stategies available to your aws, 4 different DR Statagies, low cost and low complexity of making backup to more complex stategies using multiple active regions

Active and passive stategies use an active sites in onbe region and sites to host the workloads and server trafics, The passove sites are used for recovery and that was not share trafic untill active goes down.

Backup and restore
Pilot Light
Warm Stand by
Multi-site active/active
Backup and Restore : migrating against the dataloss and corruption
Region replication : Repliocating data from one to another

S3 DR: High Availablity
As an additional disaster recovery strategy for your Amazon S3 data, enable S3 object versioning. Object versioning protects your data in S3 from the consequences of deletion or modification actions by retaining the original version before the action.
If you are using S3 replication to back up data to your DR region

S3: Security
Multi Factor Authentication: An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions.

DR statagies we can select bashed on business requirement,

If the new project ariving in your company

Cloud Architech -> Collect Requirement and Make designing -> Then provisioning resources

Start Project:

Need to purchase Domain from GoDaddy -> Purchased as **bootlabsmahi.shop ->** The need to purchase certificate for serve https request ->

GoDaddy -> ACM or CA (Certificate Authority – Its kind of bonofied certificate) -> Aws Route 53 -> Create Hosted Zone -> Exchage Name server to GoDaddy - > RDS -> Roles -> Ec2 Instance -> User Date

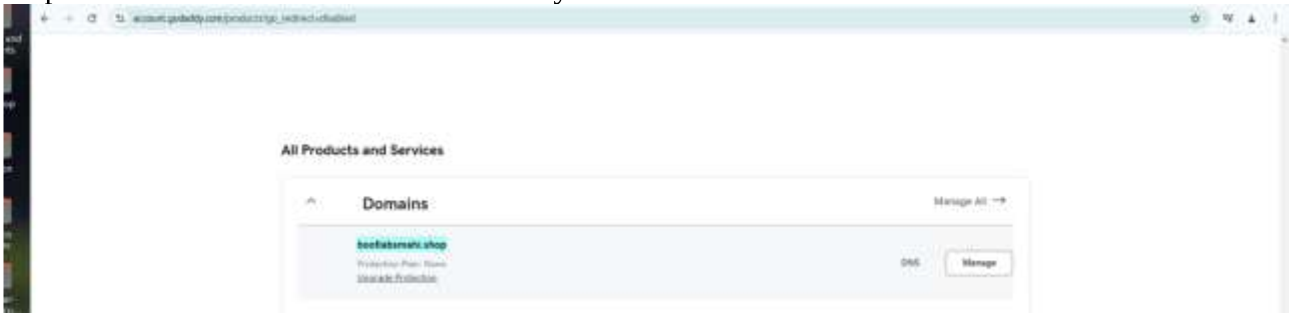
Application Architect :

Data Center: From one Region We can done set up couple of Availablity Zone
https://**bootlabsmahi.shop ->** Route 53 (Hosted Zone -> GoDaddy ->) -> Load Balancer -> Ec2 (Php Application) deployment -> RDS (Applicatiom Data's are stored in RDS)

The same we have do backup to S3 Bucket

Disastor Recovery : From another Region We can done set up couple of Availablity Zone
https://**bootlabsmahi.shop ->** Route 53 (Hosted Zone -> GoDaddy ->) -> Load Balancer -> Ec2 (Php Application) deployment -> RDS (Applicatiom Data's are stored in RDS)

Step1: Purchase one domain from GoDaddy else Aws Route 53



All Products and Services

Domains

bootlabsmahi.shop

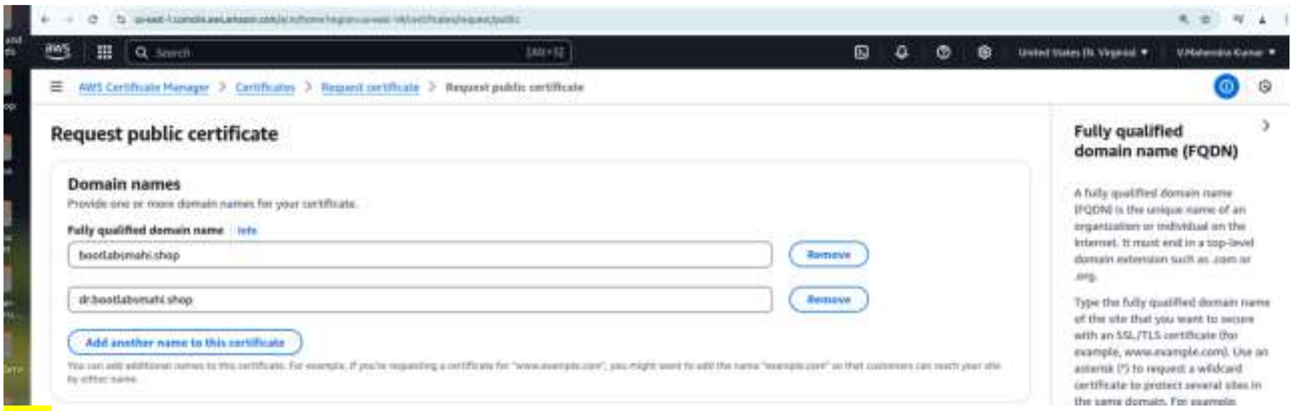
Step2: Create Certificate Manager (Request a certificate bashed on my Domain)
Aws Certificate manager handles the complexity of creating, Storing and reneing public and private SSL / TLS X509 certificate and keys that protect your aws websites and applications.

Purchase our certificate directy from AWS or Third party certificate in to ACM.

There is two type of certificate they will provide
Public Certificate : ACM certificate for all the browsers (By Default)
Private Certificate : you can export your private Certificate Authority you can use anywhere in internally.
Selfsigned Certificate

ACM Provides single domain name in to multiple domain names

If we need to protect un limited no of domain means aws recommend Wildcard certificate.



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

Request public certificate

Domain names

Provide one or more domain names for your certificate.

Fully qualified domain name Info

bootlabsmahi.shop

dr.bootlabsmahi.shop

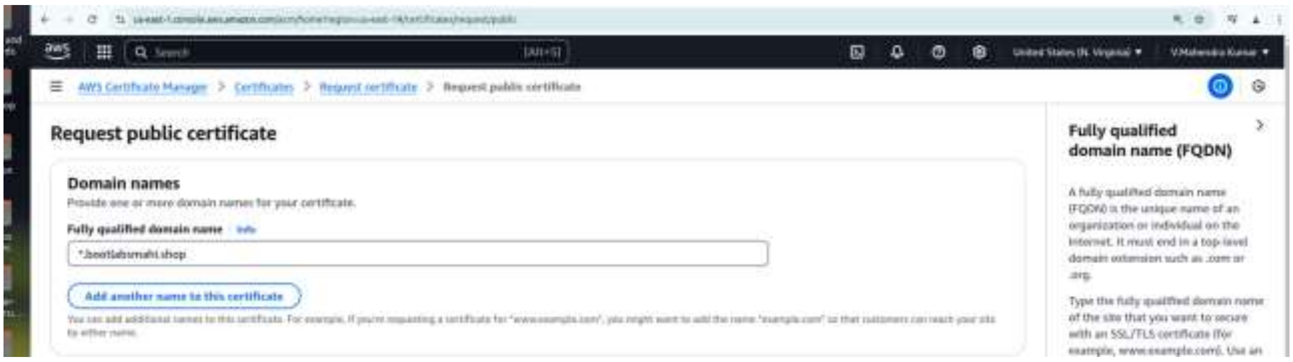
You can add additional names to this certificate. For example, if you're requesting a certificate for "www.example.com", you might want to add the name "example.com" so that customers can reach your site by either name.

Fully qualified domain name (FQDN)

A fully qualified domain name (FQDN) is the unique name of an organization or individual on the Internet. It must end in a top-level domain extension such as .com or .org.

Type the fully qualified domain name of the site that you want to secure with an SSL/TLS certificate (for example, www.example.com). Use an asterisk (*) to request a wildcard certificate to protect several sites in the same domain. For example,

OR



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

Request public certificate

Domain names

Provide one or more domain names for your certificate.

Fully qualified domain name Info

*.bootlabsmahi.shop

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.

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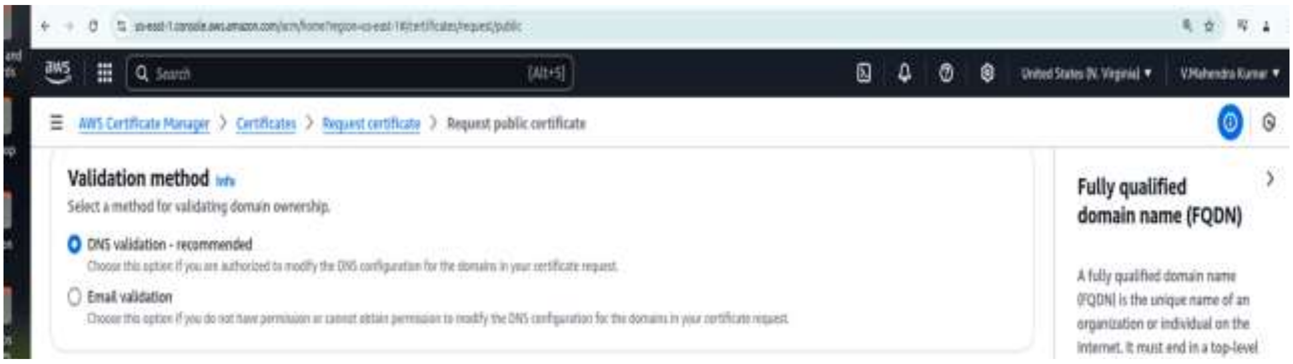
Type the fully qualified domain name of the site that you want to secure with an SSL/TLS certificate (for example, www.example.com). Use an

Type the fully qualified domain name of the site that you want to secure with an SSL/TLS certificate (for example, www.bootlabsmahi.shop). Use an asterisk (*) to request a wildcard certificate to protect several sites in the same domain. For example, *.bootlabsmahi.shop protects www.bootlabsmahi.shop. site.bootlabsmahi.shop, and images.bootlabsmahi.shop.

*.bootlabsmahi.shop

Domain Validation Method:



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

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.

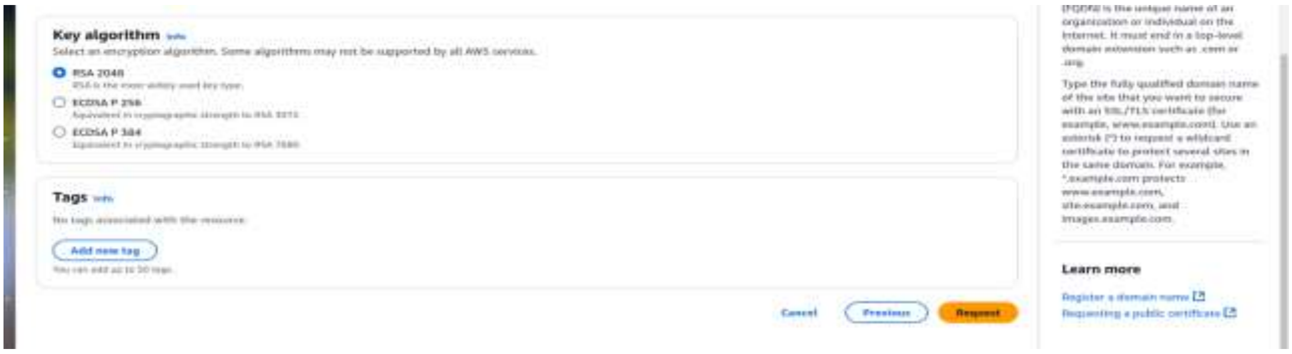
Email validation

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.

Fully qualified domain name (FQDN)

A fully qualified domain name (FQDN) is the unique name of an organization or individual on the Internet. It must end in a top-level

Key Algoritham:



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

(FQDN) is the unique name of an organization or individual on the Internet. It must end in a top-level domain extension such as .com or .org.

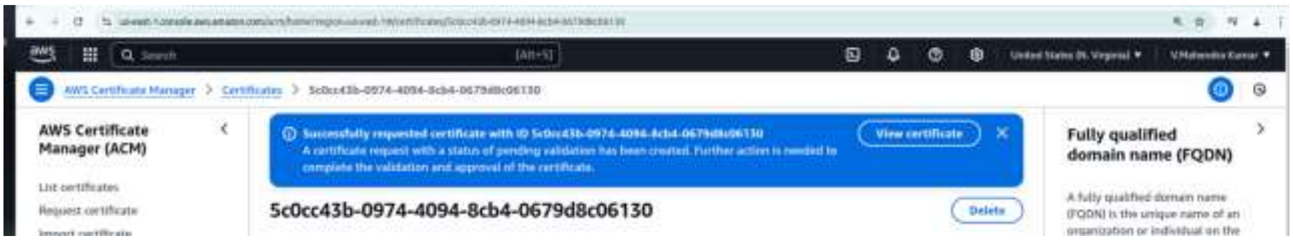
Type the fully qualified domain name of the site that you want to secure with an SSL/TLS certificate (for example, www.example.com). Use an asterisk (*) to request a wildcard certificate to protect several sites in the same domain. For example, *.example.com protects www.example.com, site.example.com, and images.example.com.

Learn more

Register a domain name

Requesting a public certificate

After request :



AWS Certificate Manager > Certificates > 5c0cc43b-0974-4094-8cb4-0679d8c06130

AWS Certificate Manager (ACM)

List certificates

Request certificate

Import certificate

Successfully requested certificate with ID 5c0cc43b-0974-4094-8cb4-0679d8c06130

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.

View certificate

5c0cc43b-0974-4094-8cb4-0679d8c06130 Delete

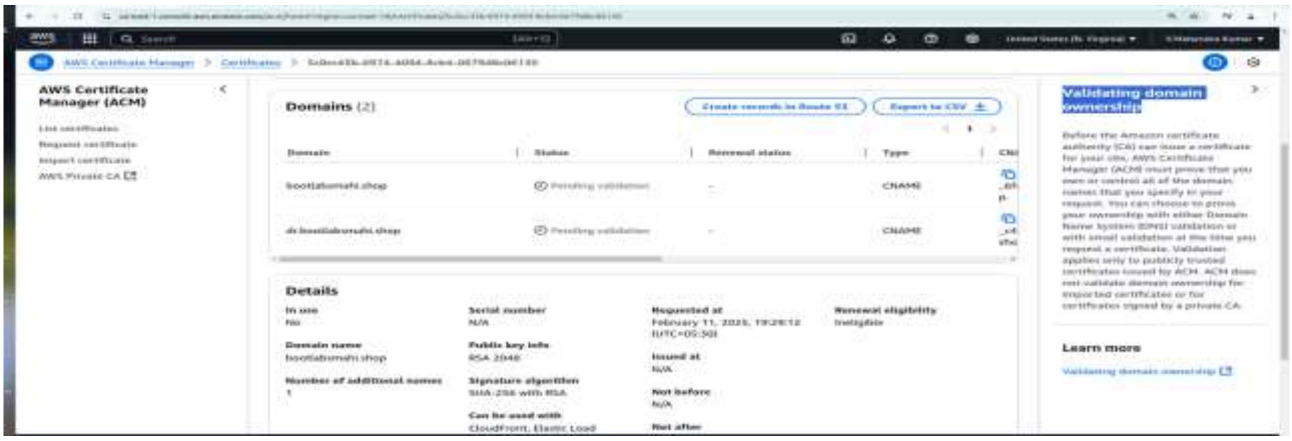
Fully qualified domain name (FQDN)

A fully qualified domain name (FQDN) is the unique name of an organization or individual on the

Validating domain ownership

Before aws CA certificate authority can issues a certificate for your sites aws ACM must prove that you own or control all of the domain names that specify in your request.

Notes: Aws ACM should valildate applies only the public trusted certificate issues by ACM, ACM does not validate domain ownership for the imported certificate or the certificate validated by private..



AWS Certificate Manager > Certificates > 5c0cc43b-0974-4094-8cb4-0679d8c06130

AWS Certificate Manager (ACM)

List certificates

Request certificate

Import certificate

AWS Private CA

Domains (2) Create records in Route 53 Export to CSV

Domain	Status	Renewal status	Type
bootlabsmahi.shop	Pending validation	-	CNAME
dr.bootlabsmahi.shop	Pending validation	-	CNAME

Details

In use No	Serial number N/A	Requested at February 11, 2025, 19:28:12 (UTC+05:30)	Renewal eligibility Ineligible
Domain name bootlabsmahi.shop	Public key info RSA 2048	Issued at N/A	
Number of additional names 1	Signature algorithm SHA-256 with RSA	Not before N/A	
	Can be used with CloudFront, Elastic Load	Not after	

Validating domain ownership

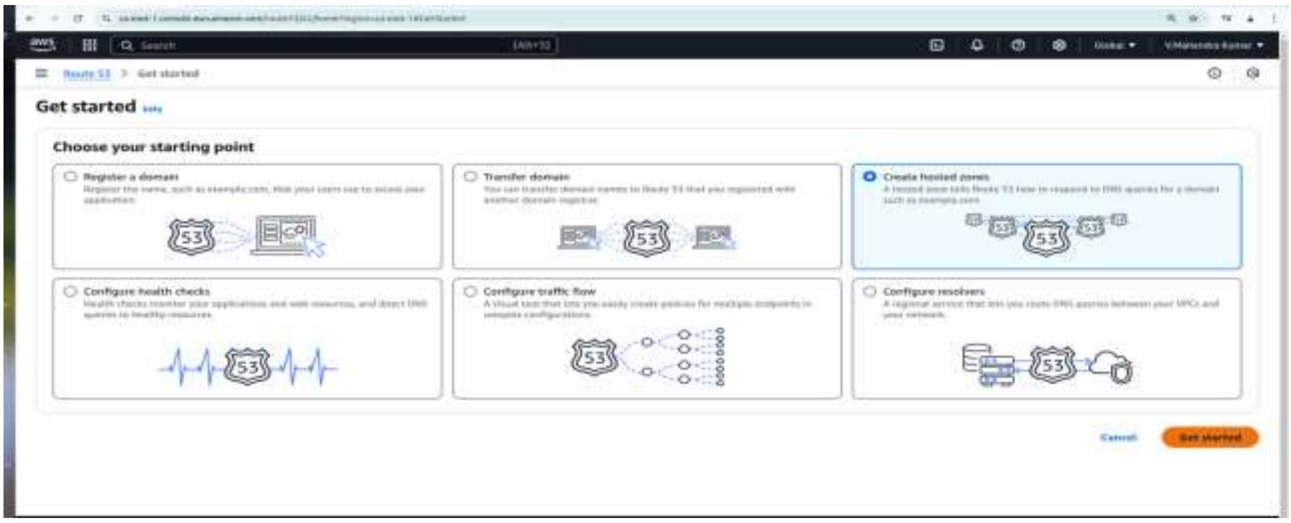
Before the Amazon certificate authority (CA) can issue a certificate for your site, AWS Certificate Manager (ACM) must prove that you own or control all of the domain names that you specify in your request. You can choose to prove your ownership with either Domain Name System (DNS) validation or with email validation at the time you request a certificate. Validation applies only to publicly trusted certificates issued by ACM. ACM does not validate domain ownership for imported certificates or for certificates signed by a private CA.

Learn more

Validating domain ownership

Step3: Route 53: Here we need to create records for purchased domain name.

Step1(a) ; Create Hosted Zone: When you want to use route 53 to route internet traffic for your domain or route internet traffic for your VPC. Then you can create a record in your hosted zone for the domain name bootlabsmahi.shop.

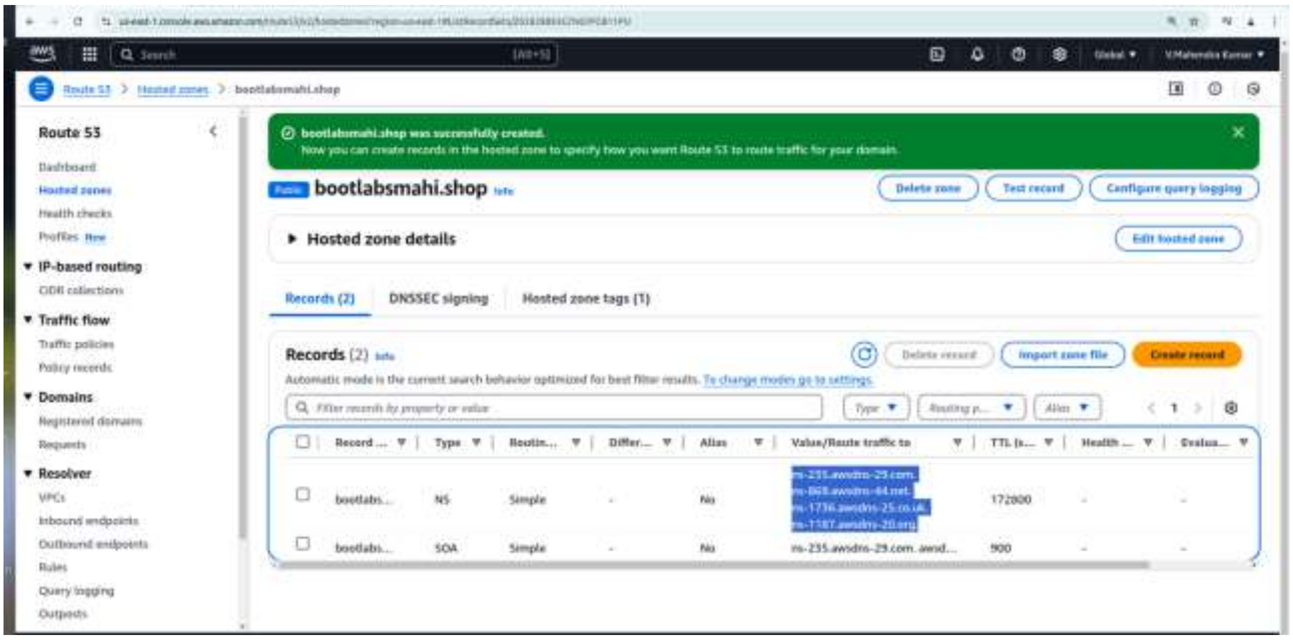

Get started

Choose your starting point

- Register a domain
- Transfer domain
- (●) Create hosted zones
- Configure health checks
- Configure traffic flow
- Configure resolvers

Note: When your register domain in Route 53, A public hosted zone automatically created. You can also create a new hosted zone for sub domain.

If you want to route traffic to your vpc you create a private hosted zone for your domain and associated a vpc to it.


bootlabsmahi.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.

bootlabsmahi.shop

Hosted zone details

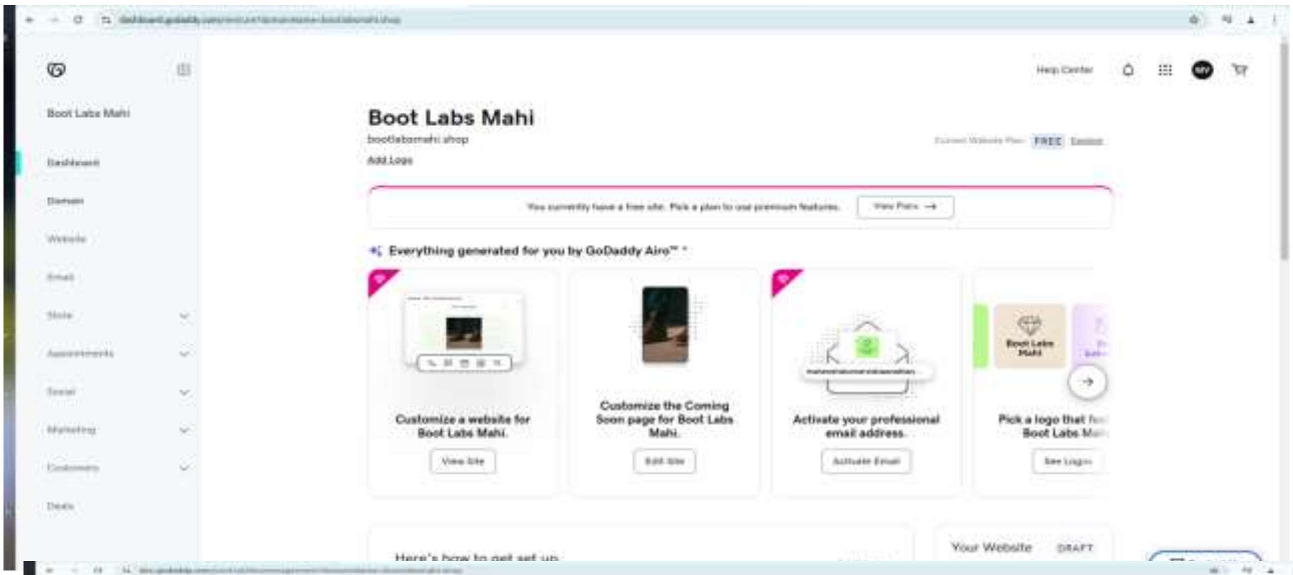
Records (2)

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

Record ...	Type	Routin...	Differ...	Alias	Value/Route traffic to	TTL (s...	Health ...	Evalua...
bootlabs...	NS	Simple	-	No	ns-235.awsdns-29.com. ns-869.awsdns-44.net. ns-1736.awsdns-25.co.uk. ns-1187.awsdns-20.org.	172800	-	-
bootlabs...	SOA	Simple	-	No	ns-235.awsdns-29.com. awsd...	900	-	-

ns-235.awsdns-29.com
ns-869.awsdns-44.net
ns-1736.awsdns-25.co.uk
ns-1187.awsdns-20.org
We need to exchage above four name servers in to goDaddy, Because of user reqest comes to route 53 -> and Route 53 route traffic to -> Hosted zone -> Hosted zone route request to GoDaddy by using this nam server.

Go to your profile -> My product -> Then select purchased domain -> Click manage -> Then left side Domain -> Manage DNS -> Then select Name Server -> Then change record s.



Boot Labs Mahi

Dashboard
Domain
Website
Email
Store
Appointments
Social
Marketing
Customers
Deals

Help Center

Boot Labs Mahi
bootlabsmahi.shop
Add Logo

Current Website Plan: FREE Explore

You currently have a free site. Pick a plan to use premium features. View Plans →

Everything generated for you by GoDaddy Airo™ *

Customize a website for Boot Labs Mahi.
View Site

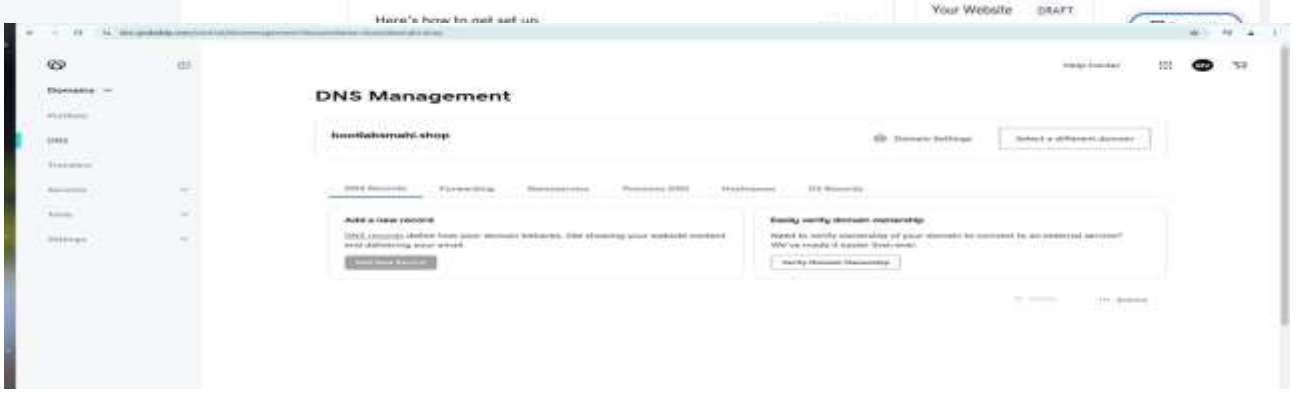
Customize the Coming Soon page for Boot Labs Mahi.
Edit Site

Activate your professional email address.
Activate Email

Pick a logo that fo Boot Labs Ma
See Logos

Here's how to get set up

Your Website DRAFT



Domains
Portfolio
DNS
Transfers
Services
Tools
Settings

Help Center

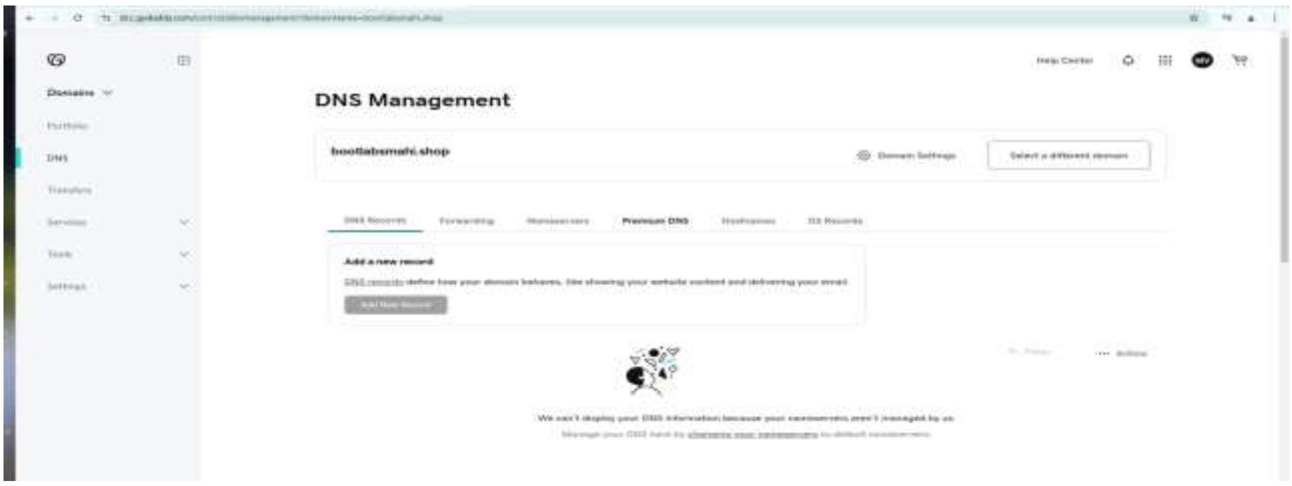
DNS Management

bootlabsmahi.shop
Domain Settings
Select a different domain

DNS Records
Forwarding
Nameservers
Premium DNS
Hostnames
DS Records

Add a new record
DNS records define how your domain behaves, like showing your website content and delivering your email.
Add New Record

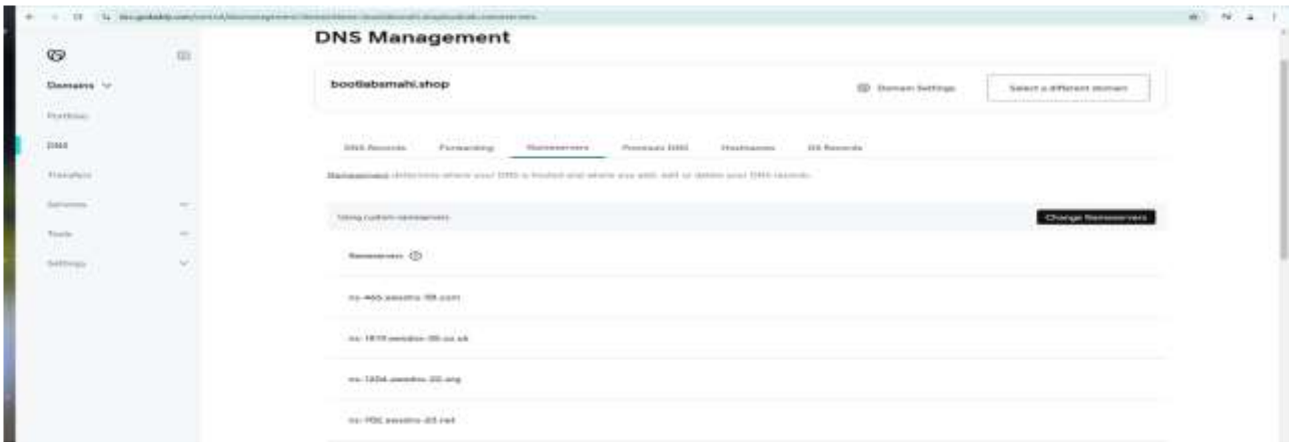
Easily verify domain ownership
Need to verify ownership of your domain to connect to an external service? We've made it easier than ever.
Verify Domain Ownership



DNS Management

bootlabsmahi.shop

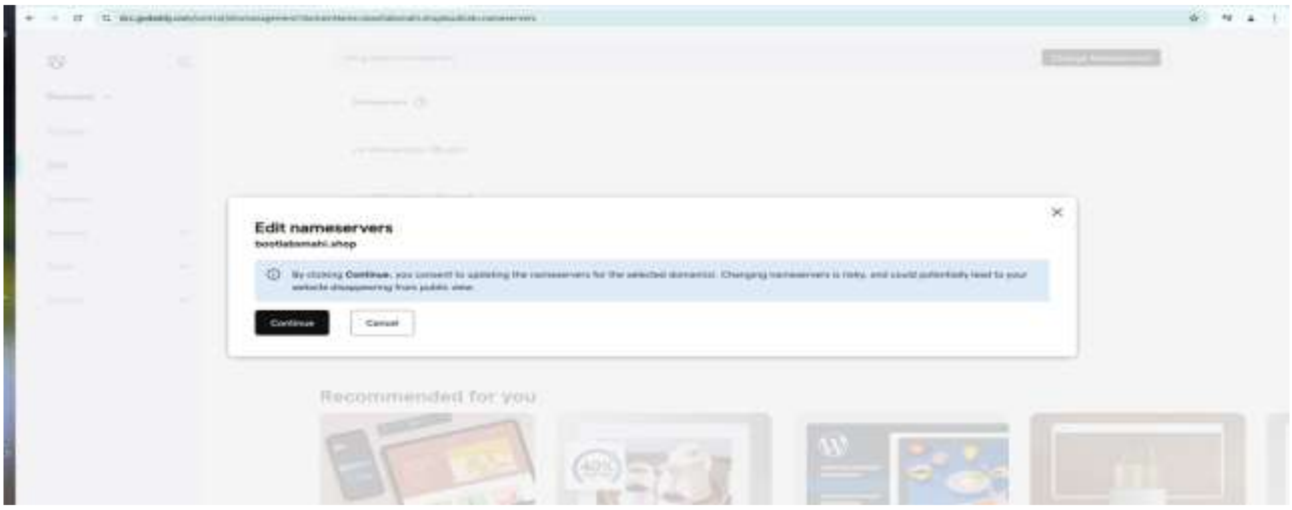
Add a new record



DNS Management

bootlabsmahi.shop

Change Nameservers



Edit nameservers

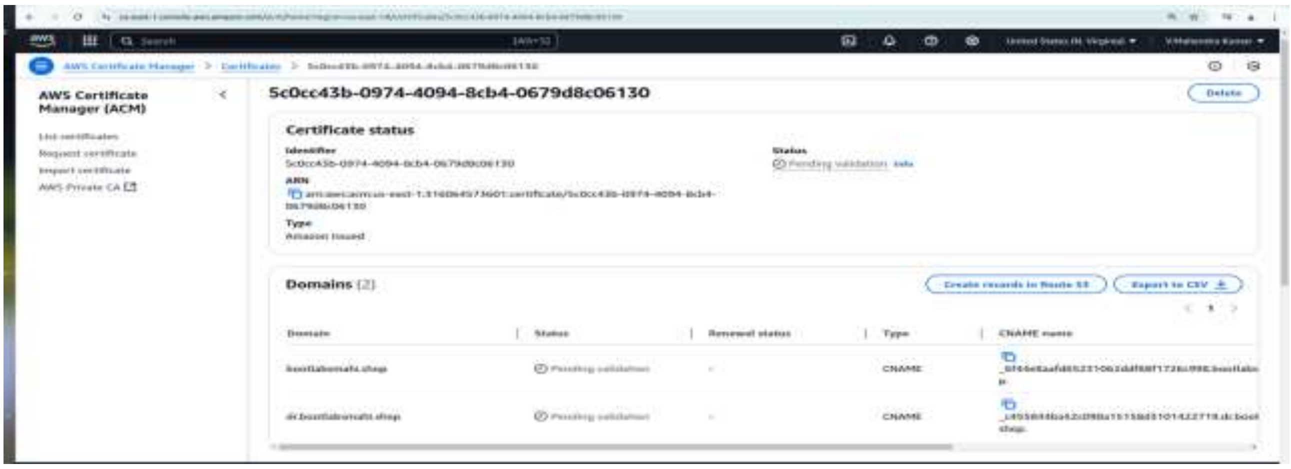
bootlabsmahi.shop

Continue

Cancel

Recommended for you

Now create Records in route 53: To set record from ACM in to route 53



AWS Certificate Manager > Certificates > 5c0cc43b-0974-4094-8cb4-0679d8c06130

AWS Certificate Manager (ACM)

List certificates
Request certificate
Import certificate
AWS Private CA

5c0cc43b-0974-4094-8cb4-0679d8c06130

Certificate status

Identifier
5c0cc43b-0974-4094-8cb4-0679d8c06130

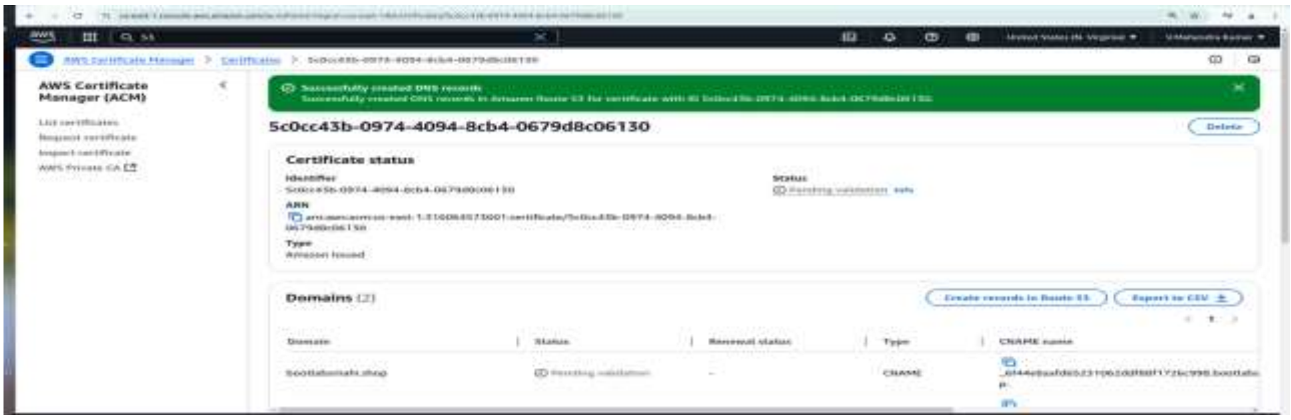
Status
Pending validation

ARN
arn:aws:acm:us-east-1:[illegible]:certificate/5c0cc43b-0974-4094-8cb4-0679d8c06130

Type
Amazon Issued

Domains (2)

Domain	Status	Renewal status	Type	CNAME name
bootlabsmahi.shop	Pending validation	-	CNAME	_6f44e6aafd[illegible].bootlabs
dr.bootlabsmahi.shop	Pending validation	-	CNAME	_[illegible].dr.boot shop.



Successfully created DNS records
Successfully created DNS records in Amazon Route 53 for certificate with ID 5c0cc43b-0974-4094-8cb4-0679d8c06130

5c0cc43b-0974-4094-8cb4-0679d8c06130

Certificate status

Identifier
5c0cc43b-0974-4094-8cb4-0679d8c06130

Status
Pending validation

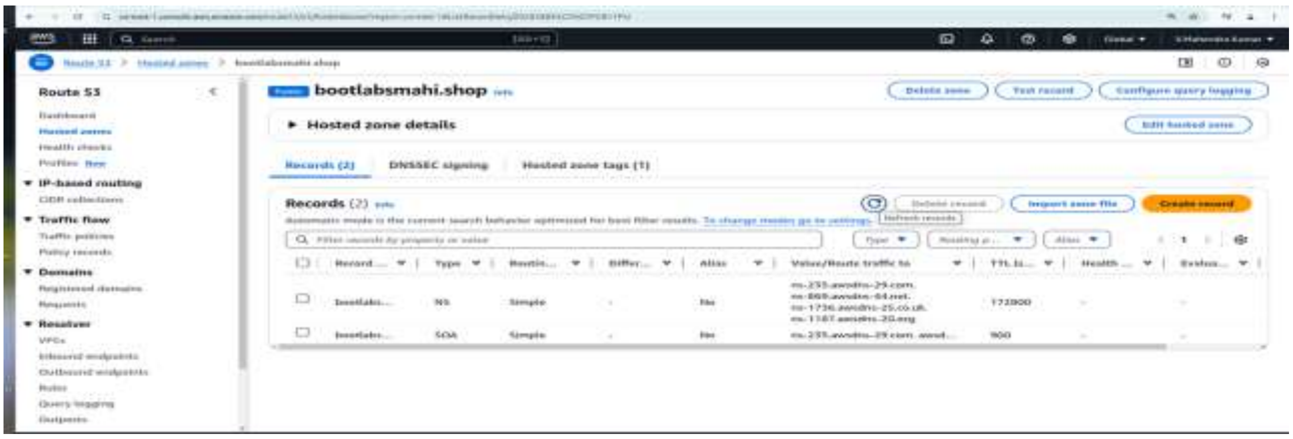
ARN
arn:aws:acm:us-east-1:[illegible]:certificate/5c0cc43b-0974-4094-8cb4-0679d8c06130

Type
Amazon Issued

Domains (2)

Domain	Status	Renewal status	Type	CNAME name
bootlabsmahi.shop	Pending validation	-	CNAME	_6f44e6aafd[illegible].bootlabs

Before Record Set create from Acm to Route 53:



Route 53 > Hosted zones > bootlabsmahi.shop

bootlabsmahi.shop

Hosted zone details

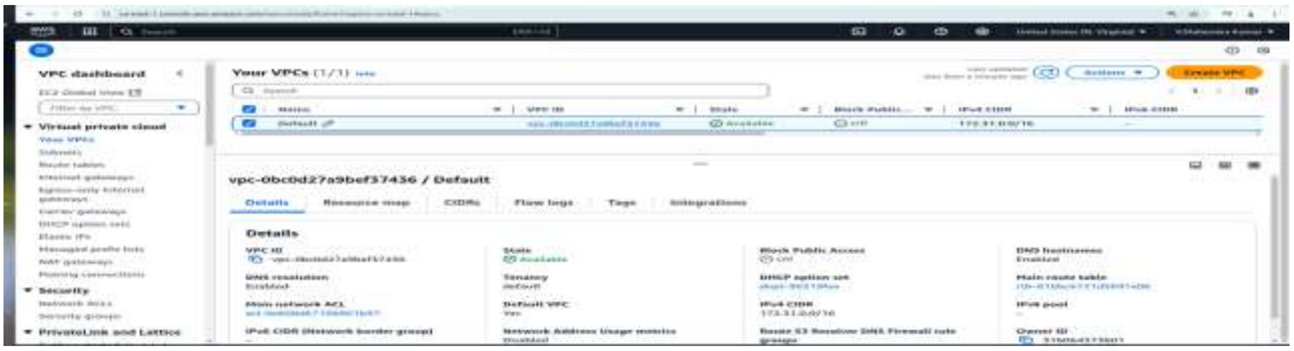
Records (2) | DNSSEC signing | Hosted zone tags (1)

Records (2)

Record ...	Type	Routin...	Differ...	Alias	Value/Route traffic to	TTL (s)...	Health ...	Evalua...
bootlabs...	NS	Simple	-	No	ns-235.awsdns-29.com. ns-869.awsdns-44.net. ns-1736.awsdns-25.co.uk. ns-1167.awsdns-20.org	172800	-	-
bootlabs...	SOA	Simple	-	No	ns-235.awsdns-29.com. awsd...	900	-	-

After Record Set create from Acm to Route 53: Added Cname record.

Steps 3: Now need to create RDS,
We need to create couple of RDS for DC and DR
Before create RDS we need to create Default or owned Vpc.

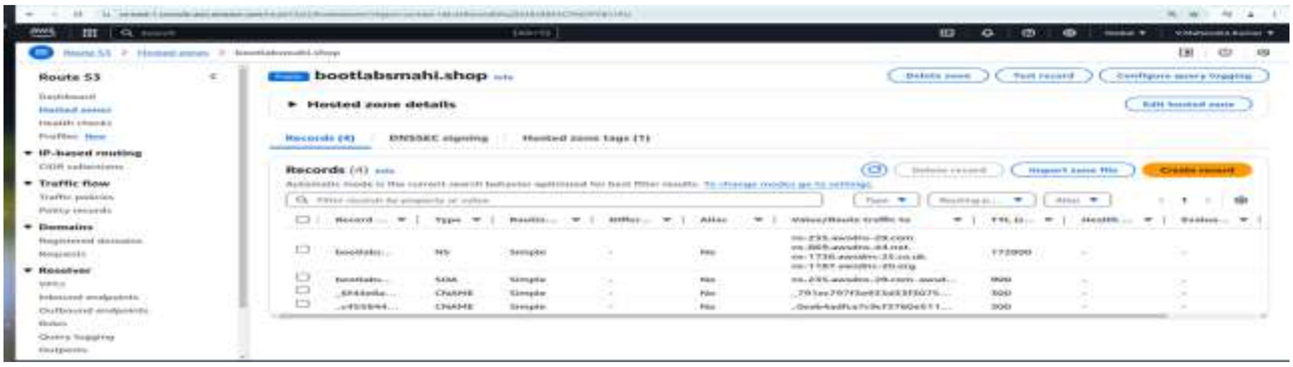


VPC dashboard

Your VPCs (1/1)

vpc-0bc0d27a9bef37436 / Default

Details



Route 53

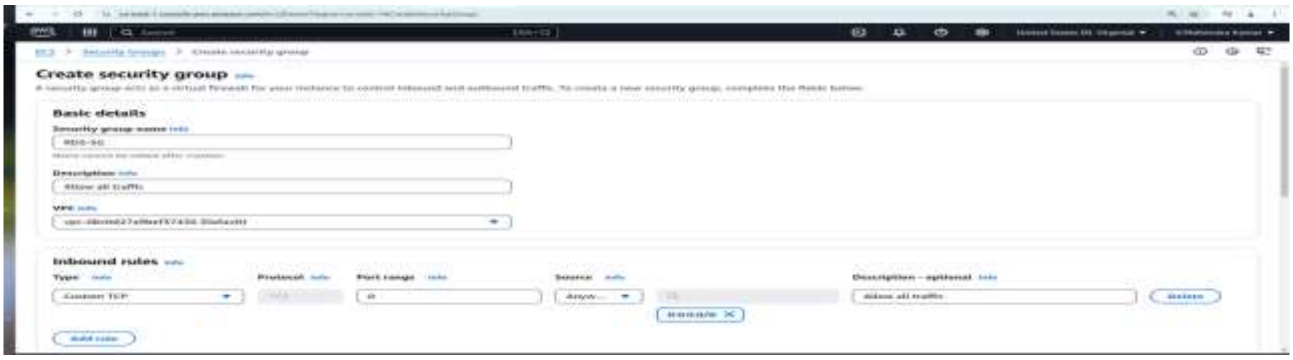
bootlabsmahi.shop

Hosted zone details

Records (4)

Record	Type	Routing	Differ...	Alias	Value/Route traffic to	TTL
[illegible]	NS	Simple	-	No	[illegible]	172800
[illegible]	SOA	Simple	-	No	[illegible]	900
[illegible]	CNAME	Simple	-	No	[illegible]	300
[illegible]	CNAME	Simple	-	No	[illegible]	300

Then need to create Security Group: Allow all traffic from inbound rule.



Create security group

Basic details

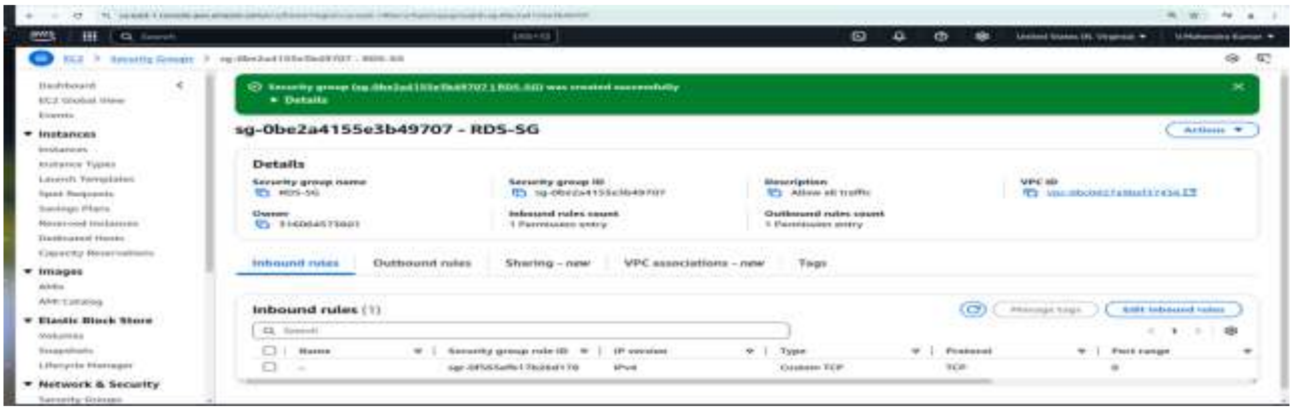
Security group name: RDS-SG

Description: Allow all traffic

VPC: vpc-0bc0d27a9bef37436 (Default)

Inbound rules

Type	Protocol	Port range	Source	Description - optional
Custom TCP	TCP	0	Anywhere	Allow all traffic



sg-0be2a4155e3b49707 - RDS-SG

Details

Security group name: RDS-SG

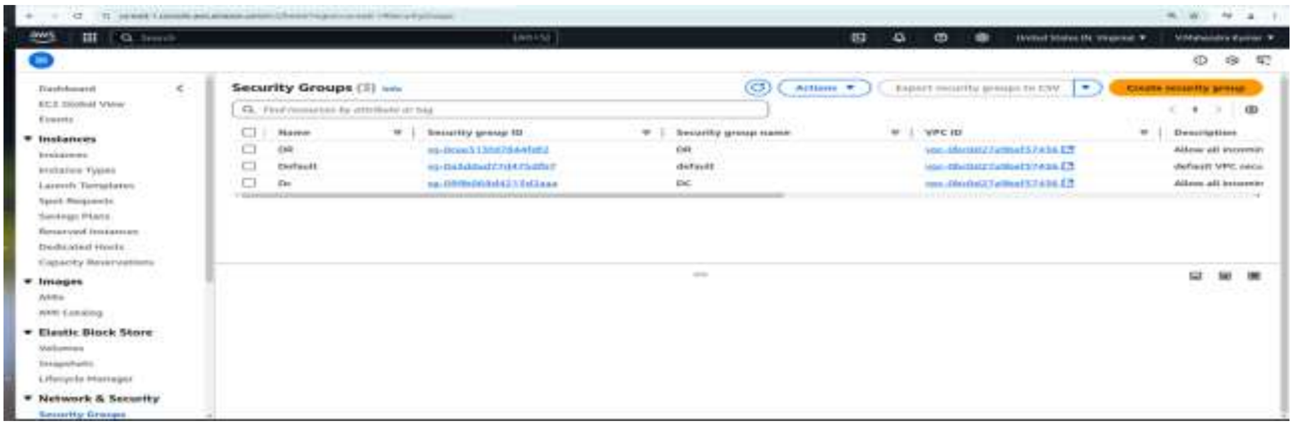
Description: Allow all traffic

Inbound rules count: 1 Permission entry

Outbound rules count: 1 Permission entry

Inbound rules (1)

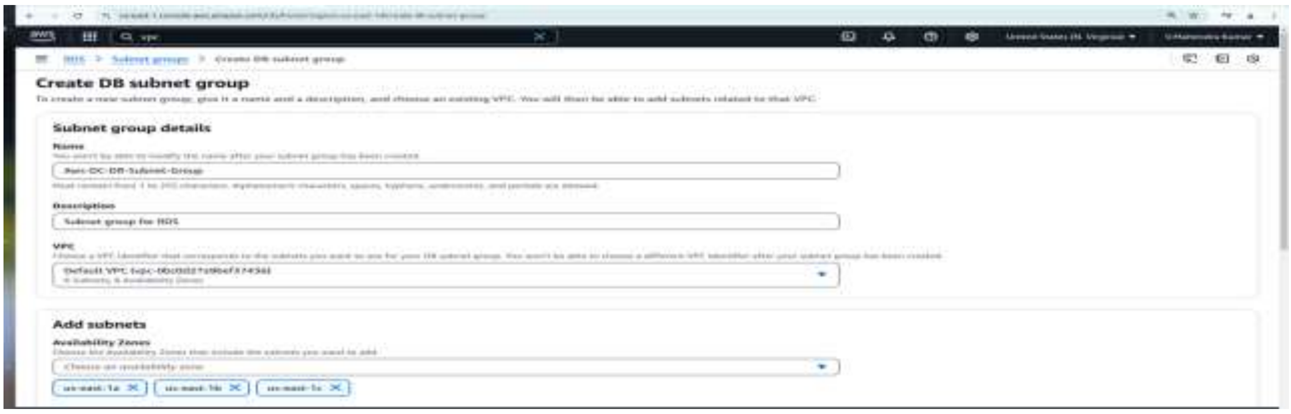
Security Group for Both production (DC) and Disastor Recovery (DR)



Security Groups (3)

Name	Security group ID	Security group name	VPC ID	Description
DR	[illegible]	DR	[illegible]	Allow all [illegible]
Default	[illegible]	default	[illegible]	default VPC [illegible]
Dc	[illegible]	DC	[illegible]	Allow all [illegible]

Then create subnet group for RDS instance: Collection of subnets used to designate cluster in an Amazon vpc, When creating a cluster you can specify subnet group.



Create DB subnet group

Subnet group details

Name: [illegible]-DC-DB-Subnet-Group

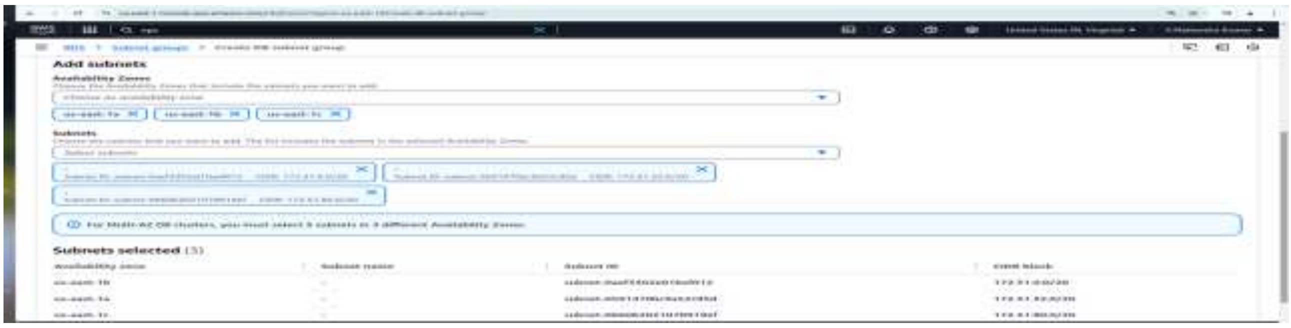
Description: Subnet group for RDS

VPC: Default VPC [illegible]

Add subnets

Availability Zones: us-east-1a, us-east-1b, us-east-1c

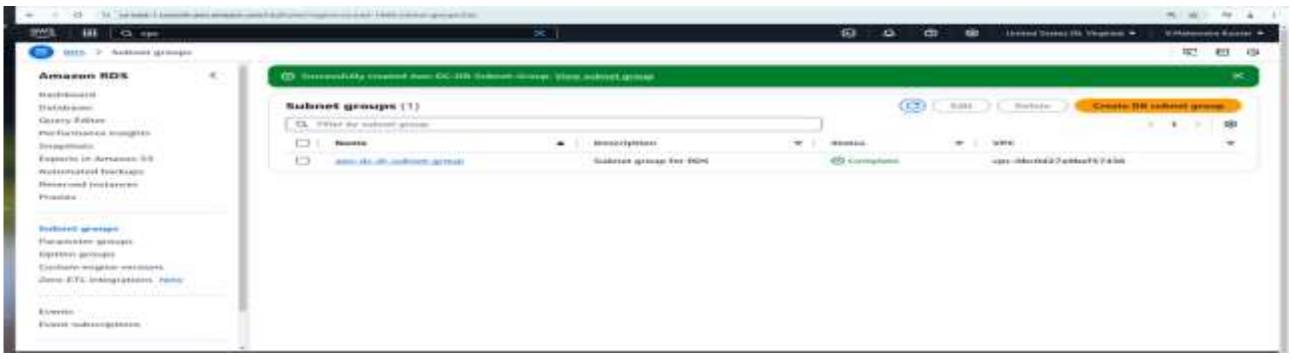
Selected multiple Availablity zone for RDS high availablity



Add subnets

Subnets selected (3)

Availability zone	Subnet name	Subnet ID	CIDR block
us-east-1b	-	[illegible]	[illegible]
us-east-1a	-	[illegible]	[illegible]
us-east-1c	-	[illegible]	[illegible]

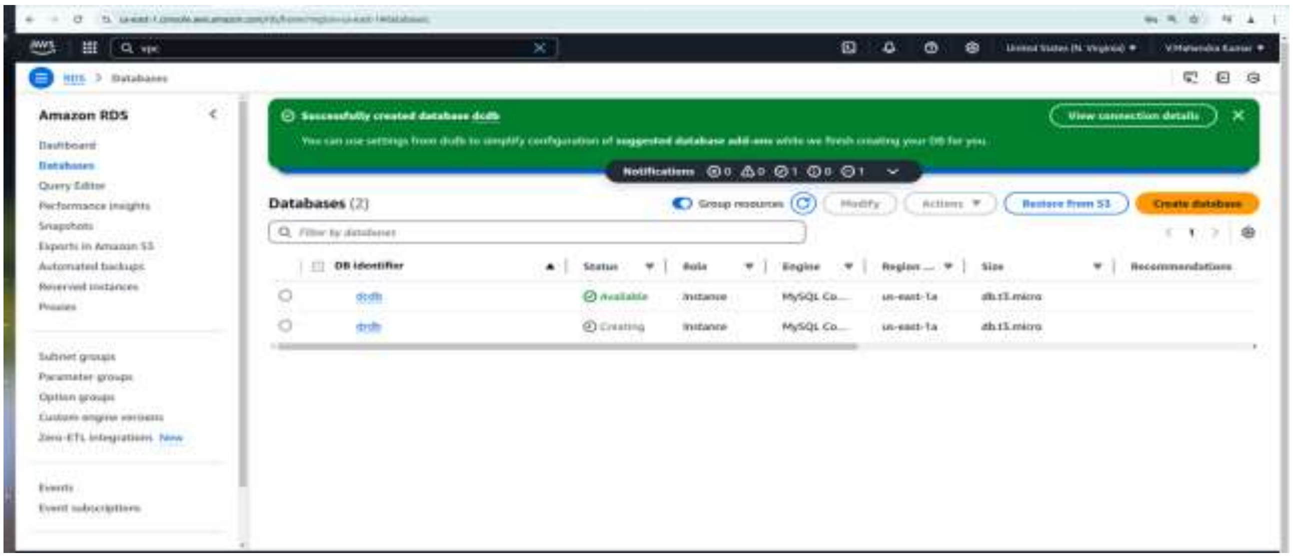

Subnet groups (1)

	Name	Description	Status	VPC
	[illegible]	Subnet group for RDS	Complete	[illegible]

Then Need to create two Database for production (DC) and DR:

DB_Name : DCDB
User_Name : admin
Password : Mahender

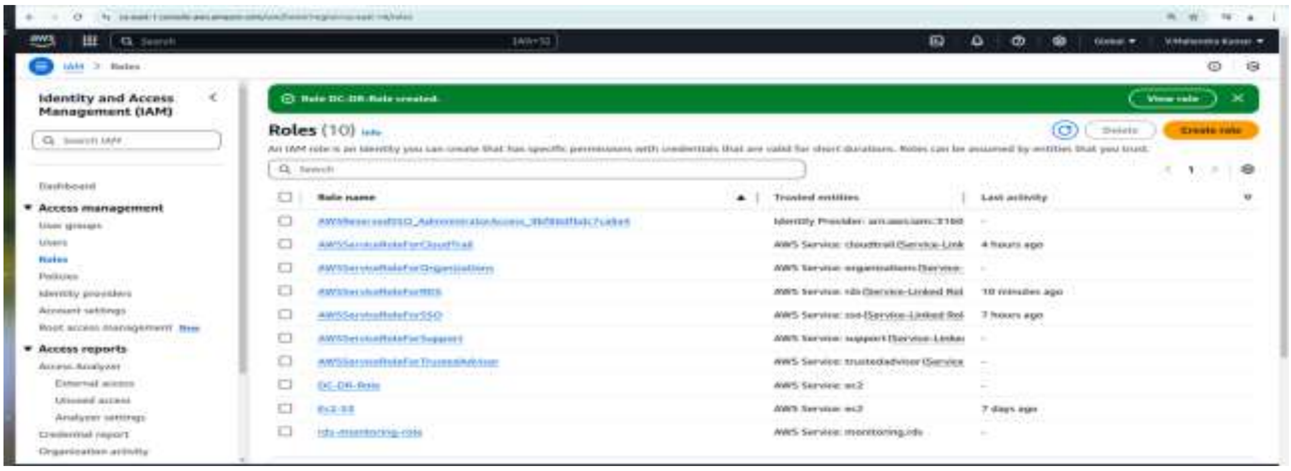
DB_name : DRDB
User_name: admin
Password: Mahender


Successfully created database dcdb

Databases (2)

	DB identifier	Status	Role	Engine	Region ...	Size	Recommendations
	dcdb	Available	Instance	MySQL Co...	us-east-1a	db.t3.micro	
	drdb	Creating	Instance	MySQL Co...	us-east-1a	db.t3.micro	

Create IAM role with administrator access.



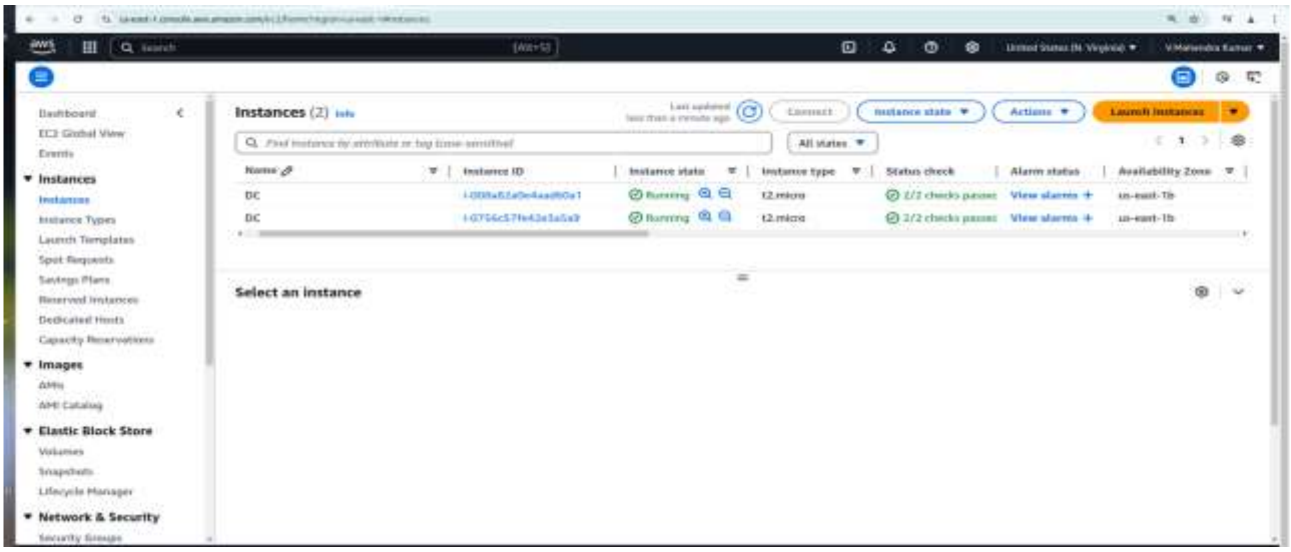
Role DC-DR-Role created.

Roles (10)

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Role name	Trusted entities	Last activity
AWSReservedSSO_AdministratorAccess_[illegible]	Identity Provider: arn:aws:iam::[illegible]	-
AWSServiceRoleForCloudTrail	AWS Service: cloudtrail (Service-Link	4 hours ago
AWSServiceRoleForOrganizations	AWS Service: organizations (Service-	-
AWSServiceRoleForRDS	AWS Service: rds (Service-Linked Rol	10 minutes ago
AWSServiceRoleForSSO	AWS Service: sso (Service-Linked Rol	7 hours ago
AWSServiceRoleForSupport	AWS Service: support (Service-Linke	-
AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service	-
DC-DR-Role	AWS Service: ec2	-
Ec2-S3	AWS Service: ec2	7 days ago
rds-monitoring-role	AWS Service: monitoring.rds	-

Then create couple of Ec2 instance for deploy our application (One for DC and Another one for DR)



Instances (2)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
DC	i-[illegible]	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b
DC	i-[illegible]	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b

Select an instance

Check application from both DC and DR server's.

Instance 1: 3.238.138.135

[illegible]

Instance 2: 3.236.75.46

[illegible]

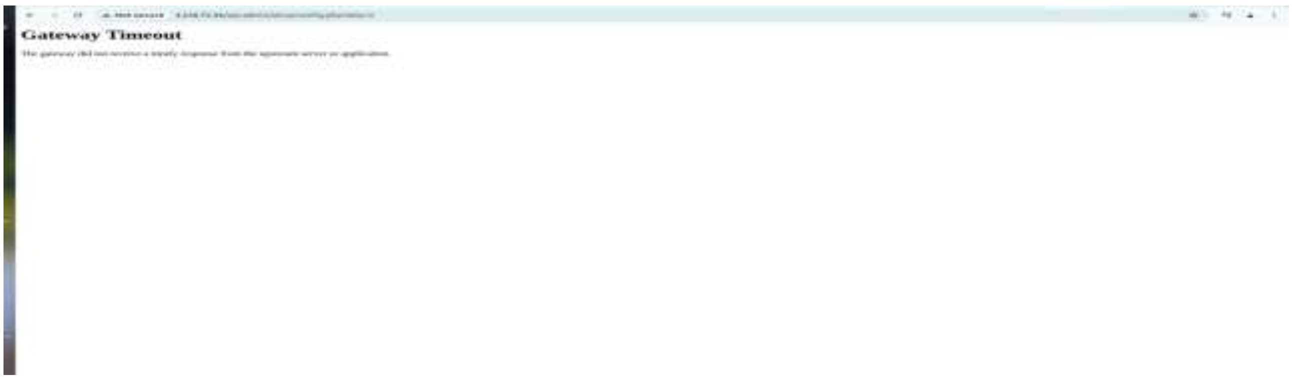
Instance 1: 3.238.138.135

[illegible]

Instance 2: 3.236.75.46

[illegible]

From the DR instance while connect with the DB using endpoint and credentials am facing 504 Gateway Timeout error.

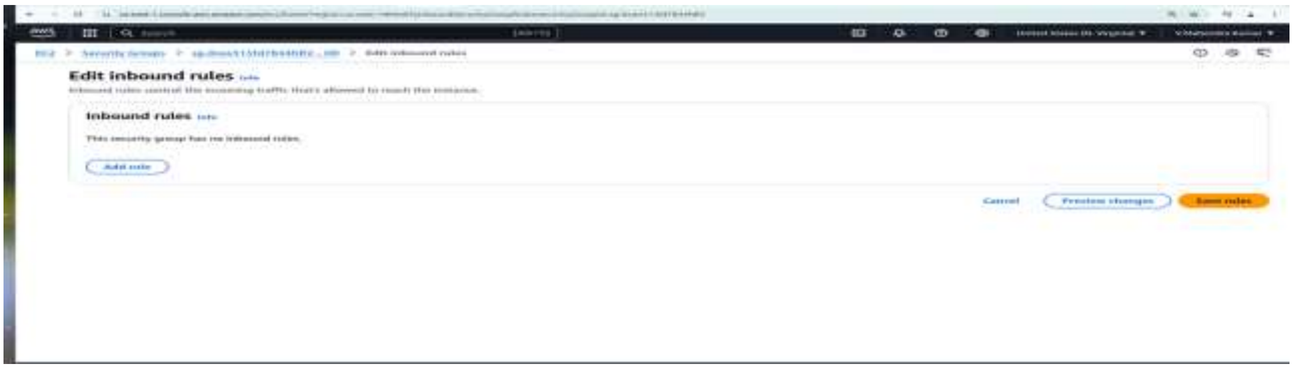


Gateway Timeout

The gateway did not receive a timely response from the upstream server or application.

This error happend because of missing inbound entry from security group which is attached in DB instance.

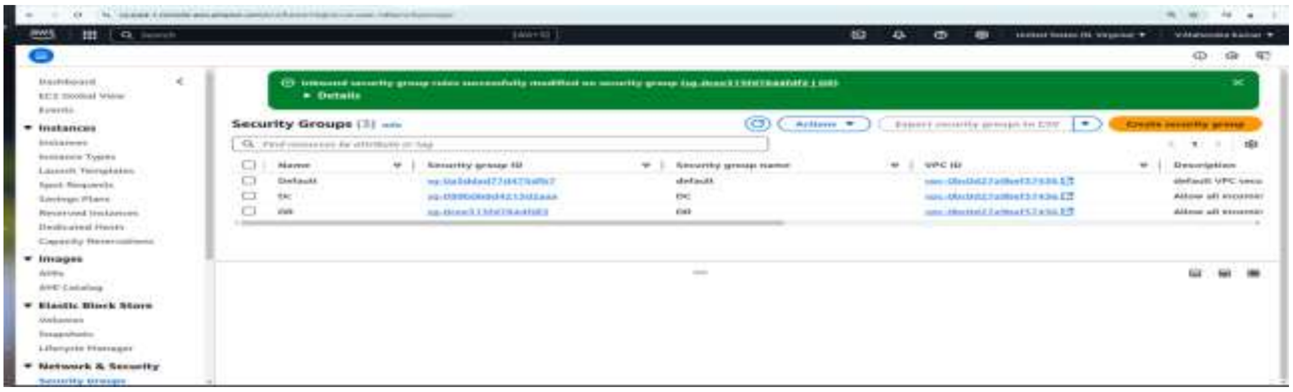
After make inbound entry we can able to connect Ec2 instance traffic with RDS instance.



Edit inbound rules

Inbound rules

This security group has no inbound rules.



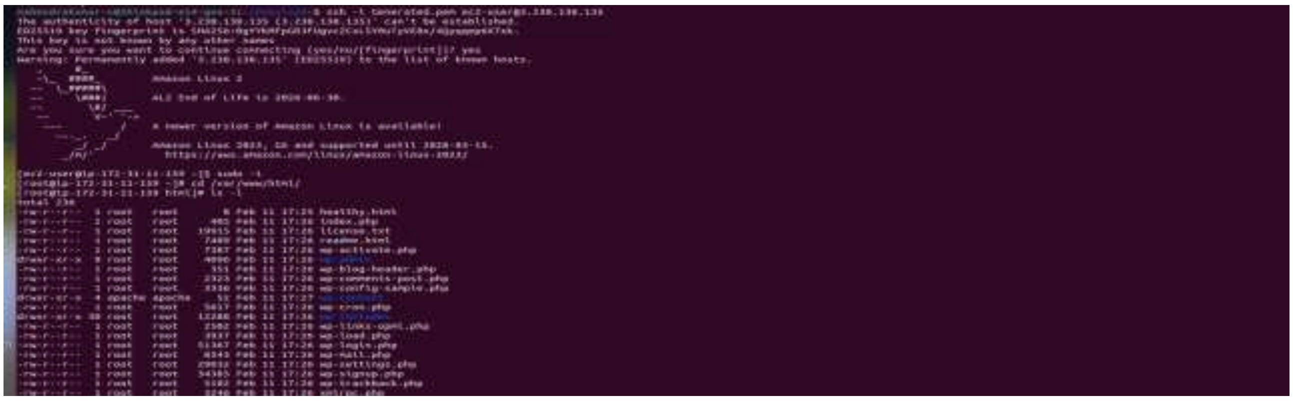
Inbound security group rules successfully modified on security group [illegible]

Security Groups (3)

Name	Security group ID	Security group name	VPC ID	Description
Default	[illegible]	default	[illegible]	default VPC secu
DC	[illegible]	DC	[illegible]	Allow all incomi
DR	[illegible]	DR	[illegible]	Allow all incomi

Done login both DC and DR server's for Configuration rules for `wp-config.php`:

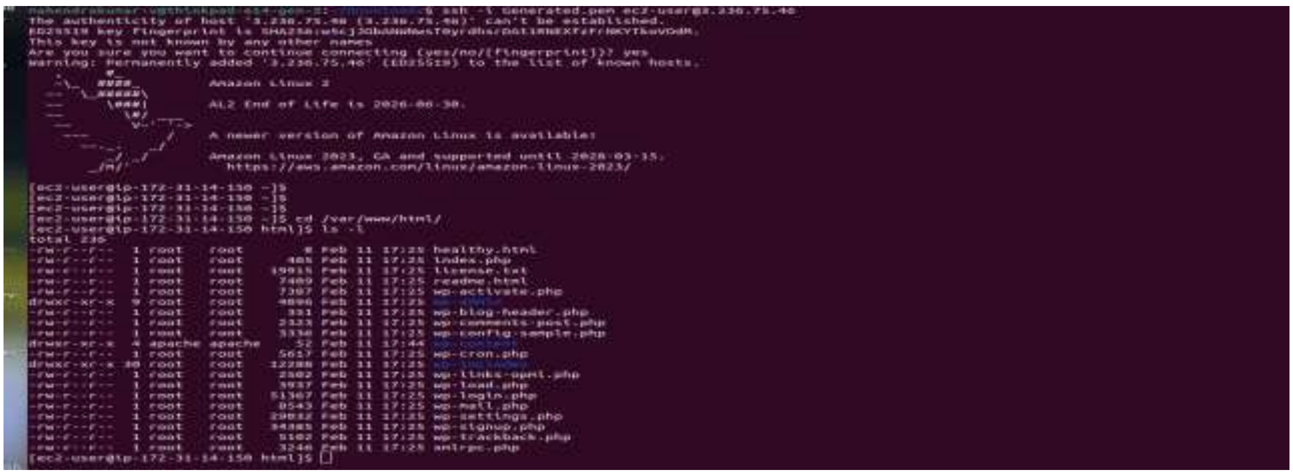
Instance 1: 3.238.138.135



```
[illegible]$ ssh -i Generated.pem ec2-user@3.238.138.135
The authenticity of host '3.238.138.135 (3.238.138.135)' can't be established.
ED25519 key fingerprint is SHA256:[illegible].
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.238.138.135' (ED25519) to the list of known hosts.
   ,     #_
   ~\_  ####_        Amazon Linux 2
  ~~  \_#####\
  ~~     \###|       AL2 End of Life is 2026-06-30.
  ~~       \#/ ___
   ~~       V~' '->
    ~~~         /    A newer version of Amazon Linux is available!
      ~~._.   _/
         _/ _/       Amazon Linux 2023, GA and supported until 2028-03-15.
       _/m/'           https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-172-31-11-139 ~]$ sudo -i
[root@ip-172-31-11-139 ~]# cd /var/www/html/
[root@ip-172-31-11-139 html]# ls -l
total 236
-rw-r--r--  1 root   root       6 Feb 11 17:26 healthy.html
-rw-r--r--  1 root   root     405 Feb 11 17:26 index.php
-rw-r--r--  1 root   root   19915 Feb 11 17:26 license.txt
-rw-r--r--  1 root   root    7409 Feb 11 17:26 readme.html
-rw-r--r--  1 root   root    7387 Feb 11 17:26 wp-activate.php
drwxr-xr-x  9 root   root    4096 Feb 11 17:26 wp-admin
-rw-r--r--  1 root   root     351 Feb 11 17:26 wp-blog-header.php
-rw-r--r--  1 root   root    2323 Feb 11 17:26 wp-comments-post.php
-rw-r--r--  1 root   root    3336 Feb 11 17:26 wp-config-sample.php
drwxr-xr-x  4 apache apache    52 Feb 11 17:27 wp-content
-rw-r--r--  1 root   root    5617 Feb 11 17:26 wp-cron.php
drwxr-xr-x 30 root   root   12288 Feb 11 17:26 wp-includes
-rw-r--r--  1 root   root    2502 Feb 11 17:26 wp-links-opml.php
-rw-r--r--  1 root   root    3937 Feb 11 17:26 wp-load.php
-rw-r--r--  1 root   root   51367 Feb 11 17:26 wp-login.php
-rw-r--r--  1 root   root    8543 Feb 11 17:26 wp-mail.php
-rw-r--r--  1 root   root   29032 Feb 11 17:26 wp-settings.php
-rw-r--r--  1 root   root   34385 Feb 11 17:26 wp-signup.php
-rw-r--r--  1 root   root    5102 Feb 11 17:26 wp-trackback.php
-rw-r--r--  1 root   root    3246 Feb 11 17:26 xmlrpc.php
```

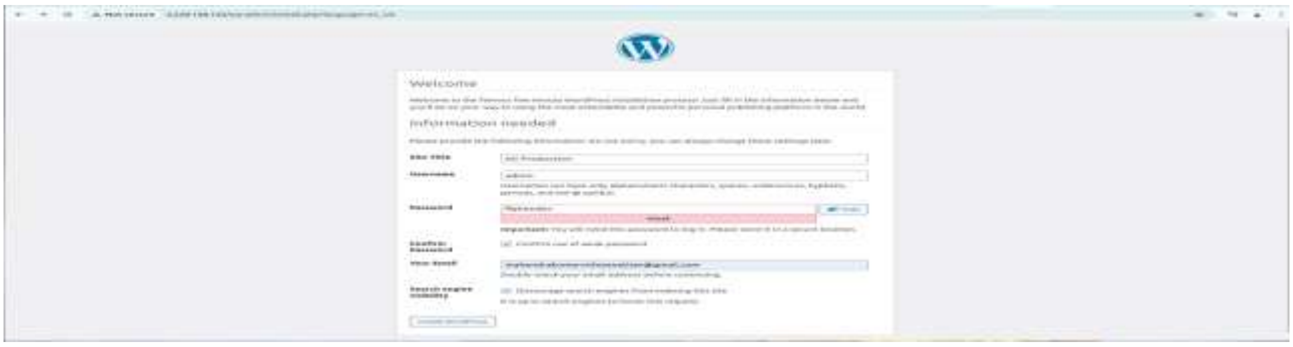
Instance 2: 3.236.75.46



```
[illegible]$ ssh -i Generated.pem ec2-user@3.236.75.46
The authenticity of host '3.236.75.46 (3.236.75.46)' can't be established.
ED25519 key fingerprint is SHA256:w5cj3GbAWNwsT0yrdhs/DGt1RNEXfzFrNKYTkovDdM.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.236.75.46' (ED25519) to the list of known hosts.
   ,     #_
   ~\_  ####_        Amazon Linux 2
  ~~  \_#####\
  ~~     \###|       AL2 End of Life is 2026-06-30.
  ~~       \#/ ___
   ~~       V~' '->
    ~~~         /    A newer version of Amazon Linux is available!
      ~~._.   _/
         _/ _/       Amazon Linux 2023, GA and supported until 2028-03-15.
       _/m/'           https://aws.amazon.com/linux/amazon-linux-2023/
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$ cd /var/www/html/
[ec2-user@ip-172-31-14-150 html]$ ls -l
total 236
-rw-r--r--  1 root   root       8 Feb 11 17:25 healthy.html
-rw-r--r--  1 root   root     405 Feb 11 17:25 index.php
-rw-r--r--  1 root   root   19915 Feb 11 17:25 license.txt
-rw-r--r--  1 root   root    7409 Feb 11 17:25 readme.html
-rw-r--r--  1 root   root    7387 Feb 11 17:25 wp-activate.php
drwxr-xr-x  9 root   root    4096 Feb 11 17:25 wp-admin
-rw-r--r--  1 root   root     351 Feb 11 17:25 wp-blog-header.php
-rw-r--r--  1 root   root    2323 Feb 11 17:25 wp-comments-post.php
-rw-r--r--  1 root   root    3336 Feb 11 17:25 wp-config-sample.php
drwxr-xr-x  4 apache apache    52 Feb 11 17:44 wp-content
-rw-r--r--  1 root   root    5617 Feb 11 17:25 wp-cron.php
drwxr-xr-x 30 root   root   12288 Feb 11 17:25 wp-includes
-rw-r--r--  1 root   root    2502 Feb 11 17:25 wp-links-opml.php
-rw-r--r--  1 root   root    3937 Feb 11 17:25 wp-load.php
-rw-r--r--  1 root   root   51367 Feb 11 17:25 wp-login.php
-rw-r--r--  1 root   root    8543 Feb 11 17:25 wp-mail.php
-rw-r--r--  1 root   root   29032 Feb 11 17:25 wp-settings.php
-rw-r--r--  1 root   root   34385 Feb 11 17:25 wp-signup.php
-rw-r--r--  1 root   root    5102 Feb 11 17:25 wp-trackback.php
-rw-r--r--  1 root   root    3246 Feb 11 17:25 xmlrpc.php
[ec2-user@ip-172-31-14-150 html]$
```

After connection establish between Ec2 and RDS we can able to successfully login wordpress application

Instance 1: 3.238.138.135



Welcome

[illegible]

Information needed

[illegible]

Site Title [illegible]

Username admin

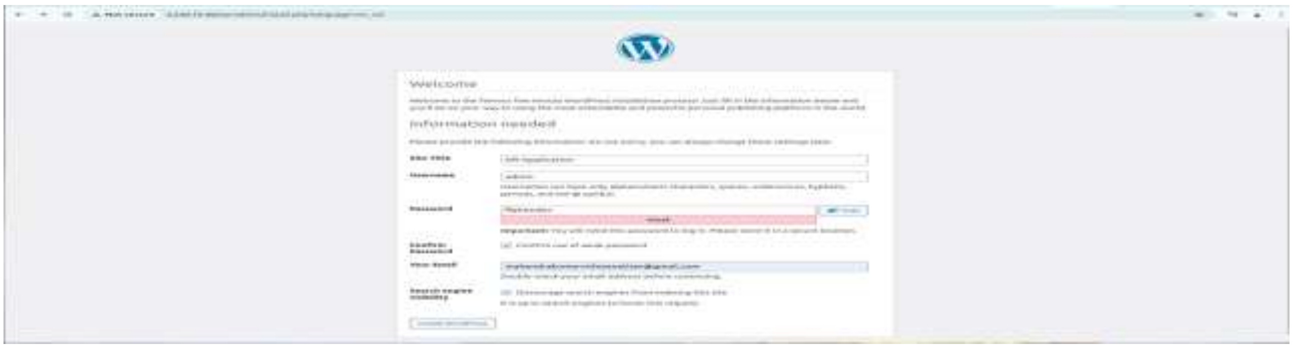
Password [illegible]

Confirm Password [illegible]

Your Email [illegible]@gmail.com

Search engine visibility [illegible]

Instance 2: 3.236.75.46



Welcome

[illegible]

Information needed

[illegible]

Site Title [illegible]

Username admin

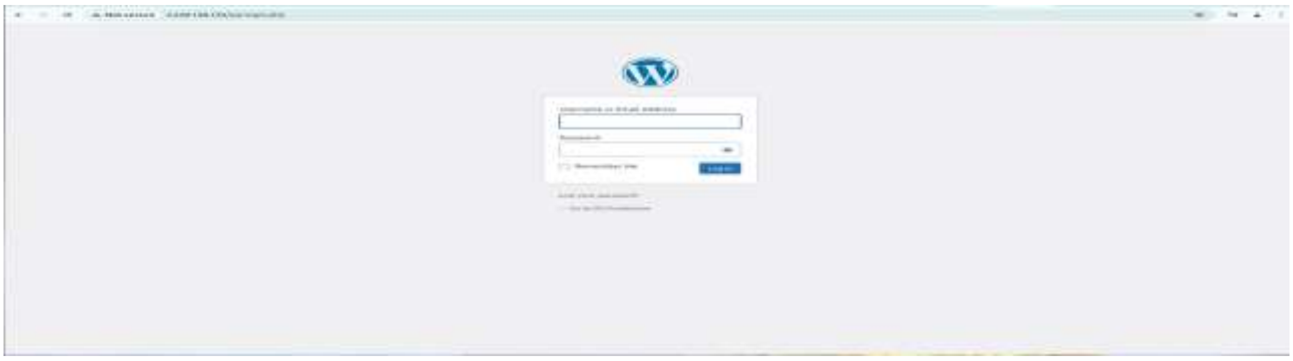
Password [illegible]

Confirm Password [illegible]

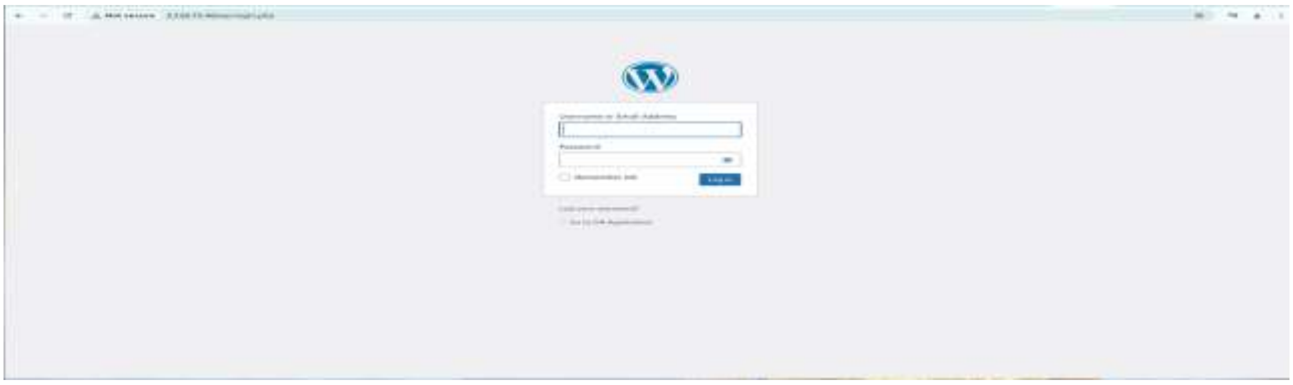
Your Email [illegible]@gmail.com

Search engine visibility [illegible]

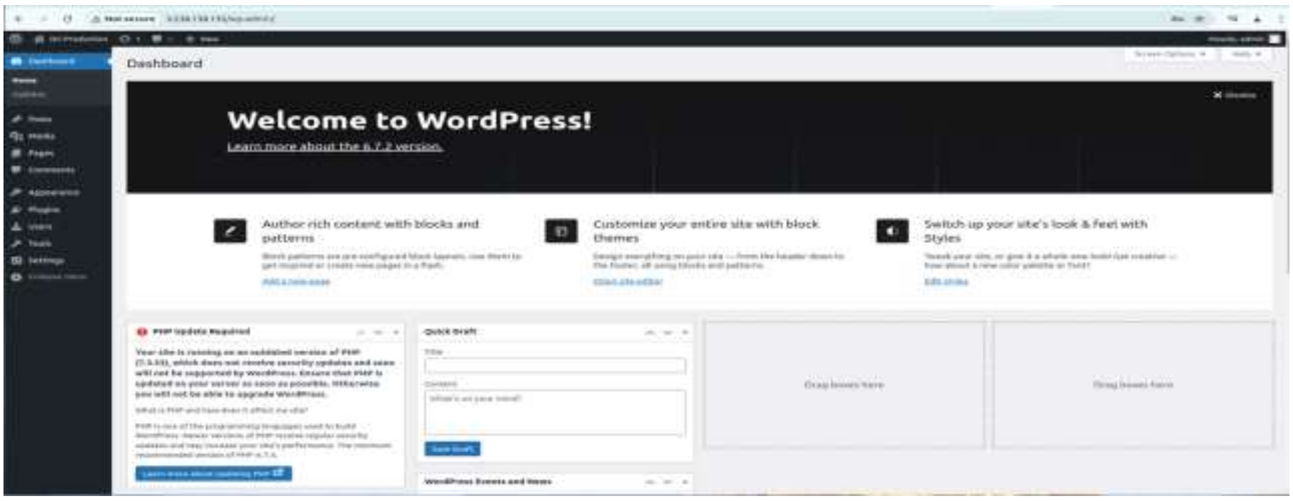
Instance 1: 3.238.138.135



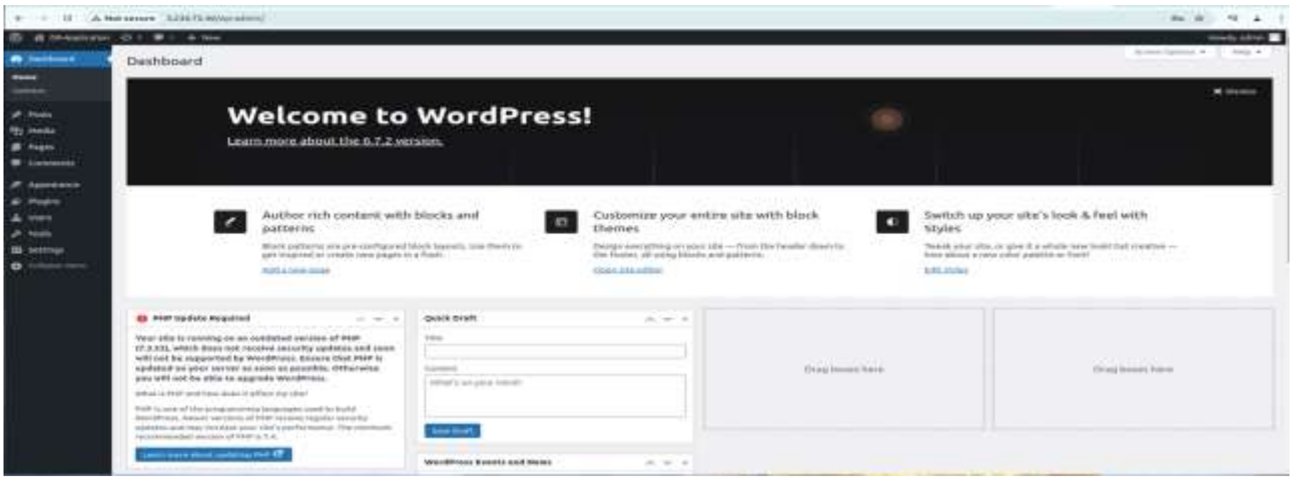
Instance 2: 3.236.75.46



Instance 1: 3.238.138.135 : Home page of Wordpress from Production Server


Dashboard
Welcome to WordPress!
Learn more about the 6.7.2 version.
Author rich content with blocks and patterns
Customize your entire site with block themes
Switch up your site's look & feel with Styles
Quick Draft
WordPress Events and News

Instance 2: **3.236.75.46 Home page of Wordpress from DR Server**



Dashboard

Welcome to WordPress!

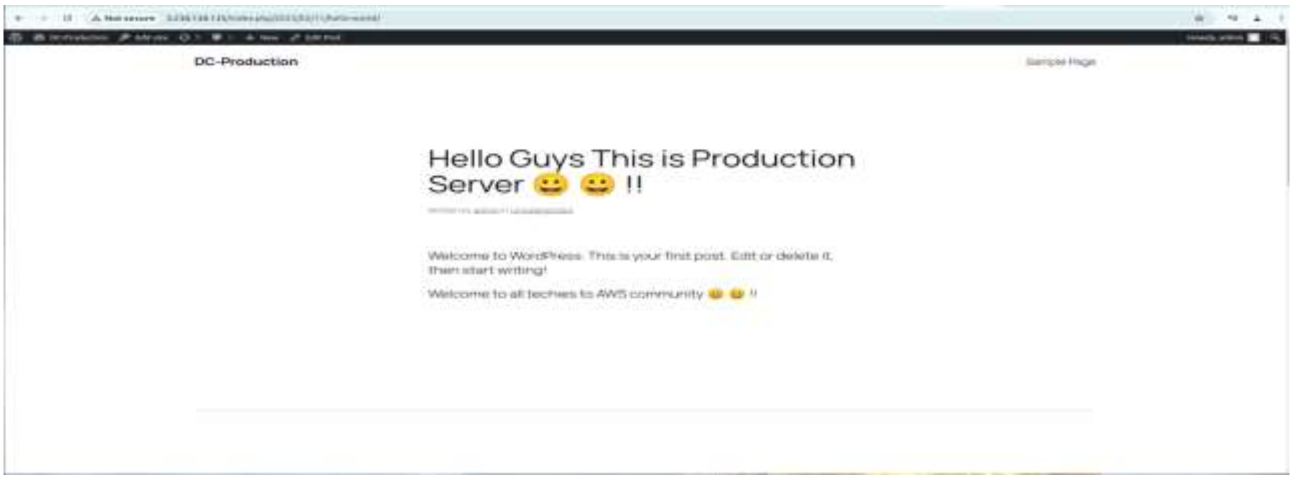
Learn more about the 6.7.2 version.

Author rich content with blocks and patterns

Customize your entire site with block themes

Switch up your site's look & feel with styles

Instance 1: **3.238.138.135 New from Wordpress in Production Server**



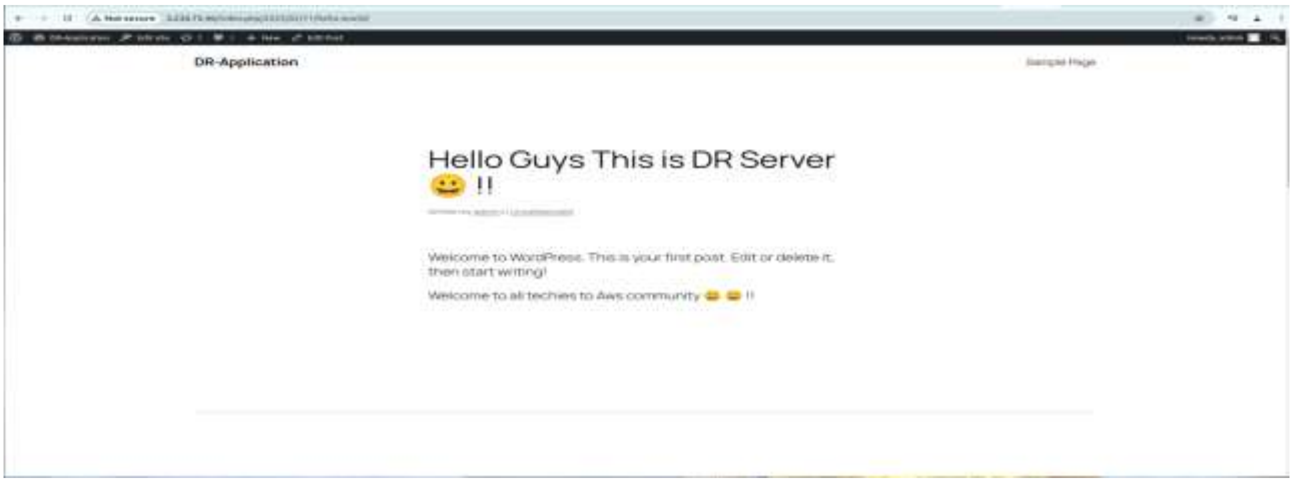
DC-Production

Hello Guys This is Production Server 😀 😀 !!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Welcome to all techies to AWS community 😀 😀 !!

Instance 2: **3.236.75.46 New from Wordpress in DR Server**



DR-Application

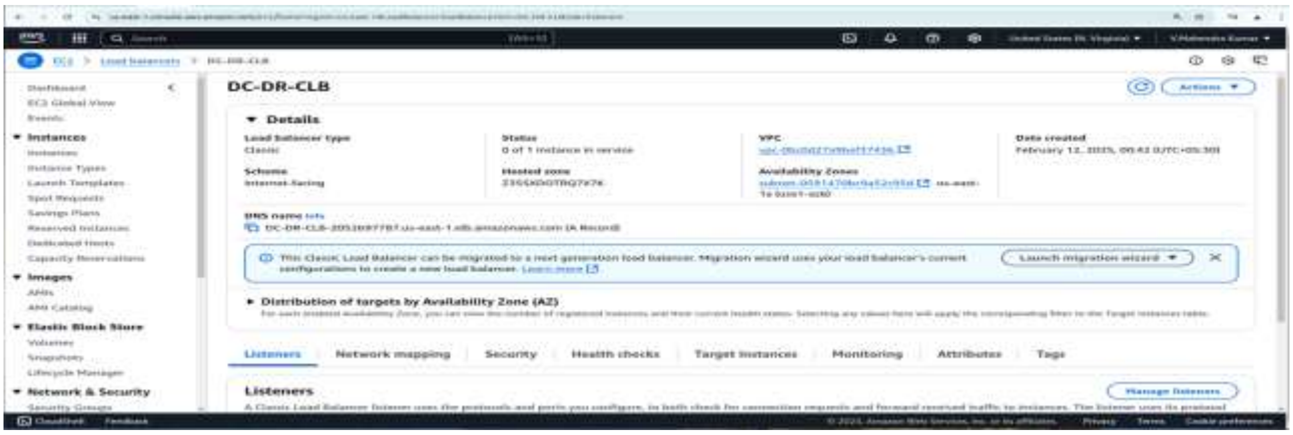
Hello Guys This is DR Server 😀 !!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Welcome to all techies to Aws community 😀 😀 !!

Now we need to create clasic load balancer,

Dc-Load Balancer



DC-DR-CLB

Details

Load balancer type
Classic

Status
0 of 1 instance in service

VPC
vpc-0bc0d27a9bef37456

Date created
February 12, 2025, 09:42 (UTC+05:30)

Scheme
Internet-facing

Hosted zone
Z35SXDOTRQ7X7K

Availability Zones
subnet-[illegible] us-east-1a (use1-az6)

DNS name Info
DC-DR-CLB-2052697787.us-east-1.elb.amazonaws.com (A Record)

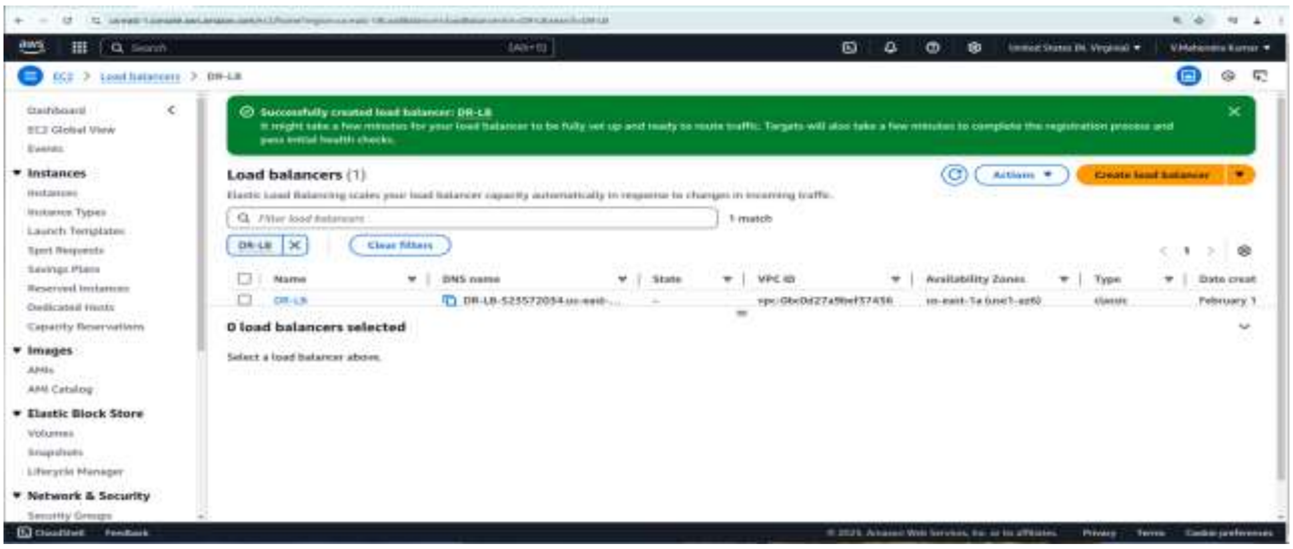
This Classic Load Balancer can be migrated to a next generation load balancer. Migration wizard uses your load balancer's current configurations to create a new load balancer. Learn more

Distribution of targets by Availability Zone (AZ)

Listeners

A Classic Load Balancer listener uses the protocols and ports you configure, to both check for connection requests and forward received traffic to instances. The listener uses its protocol

DR- Load Balancer



Successfully created load balancer: DR-LB
It might take a few minutes for your load balancer to be fully set up and ready to route traffic. Targets will also take a few minutes to complete the registration process and pass initial health checks.

Load balancers (1)

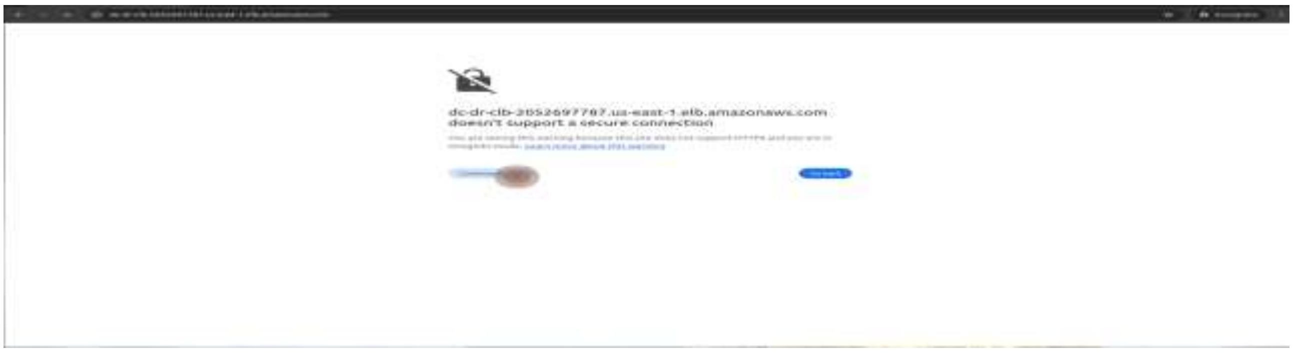
Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

1 match

Name	DNS name	State	VPC ID	Availability Zones	Type	Date creat
DR-LB	DR-LB-523572034.us-east-...	-	vpc-0bc0d27a9bef37456	us-east-1a (use1-az6)	classic	February 1

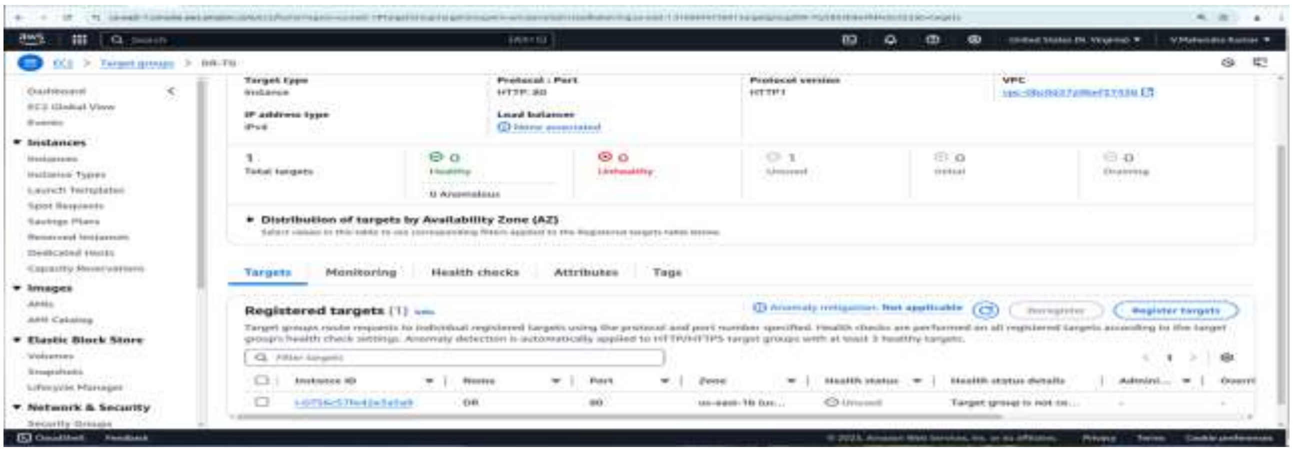
0 load balancers selected

Select a load balancer above.



dc-dr-clb-2052697787.us-east-1.elb.amazonaws.com
doesn't support a secure connection

Guys i got unused status for my targets due to this i could not reach application.


Target type: Instance | Protocol : Port: HTTP: 80 | Protocol version: HTTP1 | VPC: [illegible]
IP address type: IPv4 | Load balancer: None associated

1 Total targets | 0 Healthy (0 Anomalous) | 0 Unhealthy | 1 Unused | 0 Initial | 0 Draining

Distribution of targets by Availability Zone (AZ)

Targets | Monitoring | Health checks | Attributes | Tags

Registered targets (1)

Anomaly mitigation: Not applicable

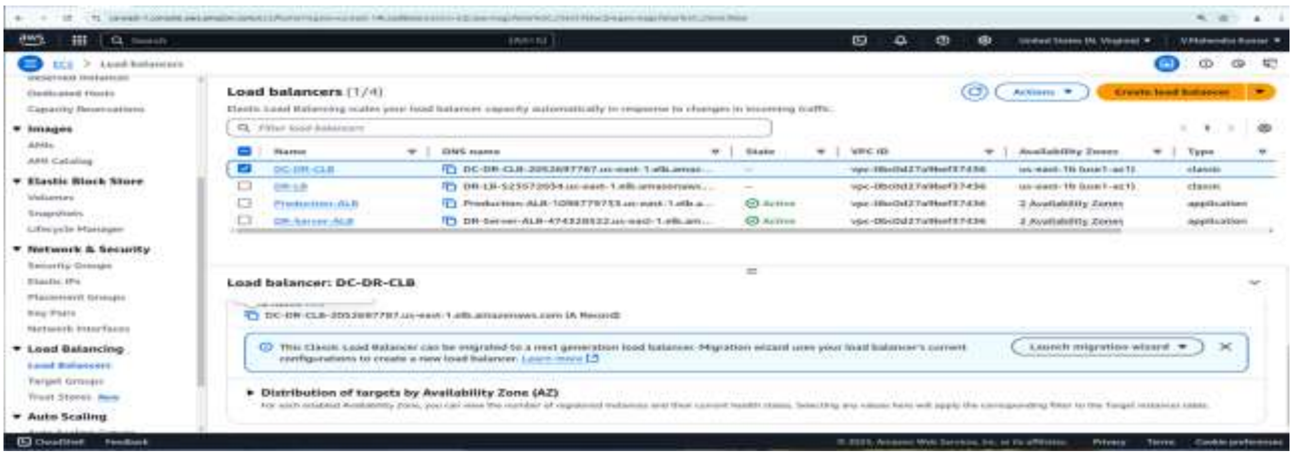
Instance ID	Name	Port	Zone	Health status	Health status details
[illegible]	DR	80	us-east-1b (us...	Unused	Target group is not co...

I Founded issues that i have launched my ec2 instance in us-east-1b, But here my load balancer target group created in us-east-1a, Oppssssssss

After chaged Zone now successfully reach application

DR-LB: DR-LB-523572034.us-east-1.elb.amazonaws.com

DC-DR-CLB : DC-DR-CLB-2052697787.us-east-1.elb.amazonaws.com


Load balancers (1/4)

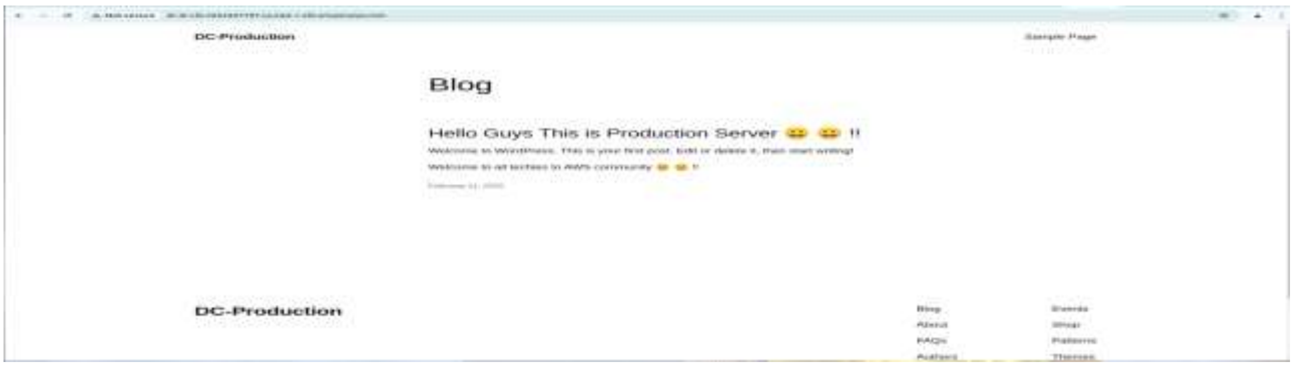
Name	DNS name	State	VPC ID	Availability Zones	Type
DC-DR-CLB	DC-DR-CLB-2052697787.us-east-1.elb.amaz...	–	[illegible]	us-east-1b (use1-az1)	classic
DR-LB	DR-LB-523572034.us-east-1.elb.amazonaws...	–	[illegible]	us-east-1b (use1-az1)	classic
Production-ALB	Production-ALB-[illegible].us-east-1.elb.a...	Active	[illegible]	2 Availability Zones	application
DR-Server-ALB	DR-Server-ALB-[illegible].us-east-2-1.elb.am...	Active	[illegible]	2 Availability Zones	application

Load balancer: DC-DR-CLB

DC-DR-CLB-2052697787.us-east-1.elb.amazonaws.com (A Record)

This Classic Load Balancer can be migrated to a next generation load balancer. Migration wizard uses your load balancer's current configurations to create a new load balancer. Learn more

Distribution of targets by Availability Zone (AZ)


DC-Production

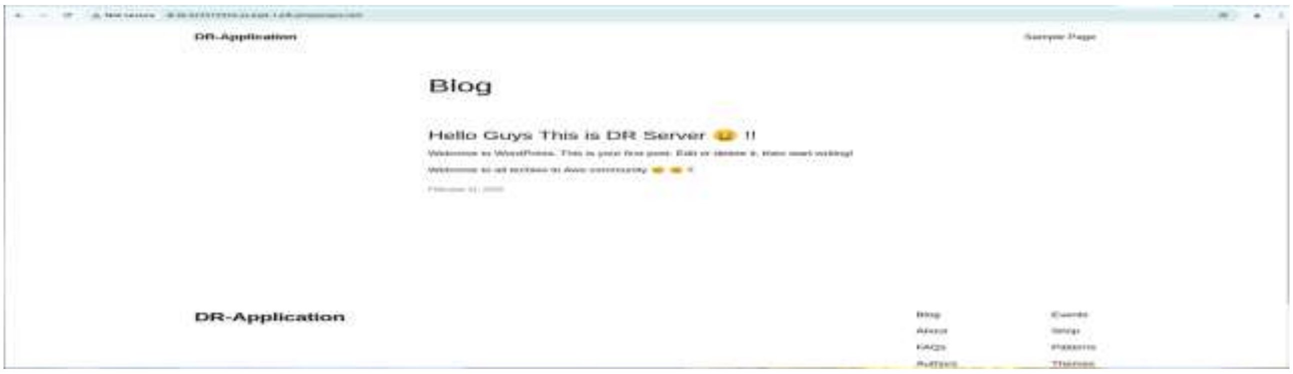
Blog

Hello Guys This is Production Server 😀 😀 !!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Welcome to all techies in AWS community 😀 😀 !!

DC-Production


DR-Application

Sample Page

Blog

Hello Guys This is DR Server 😉 !!

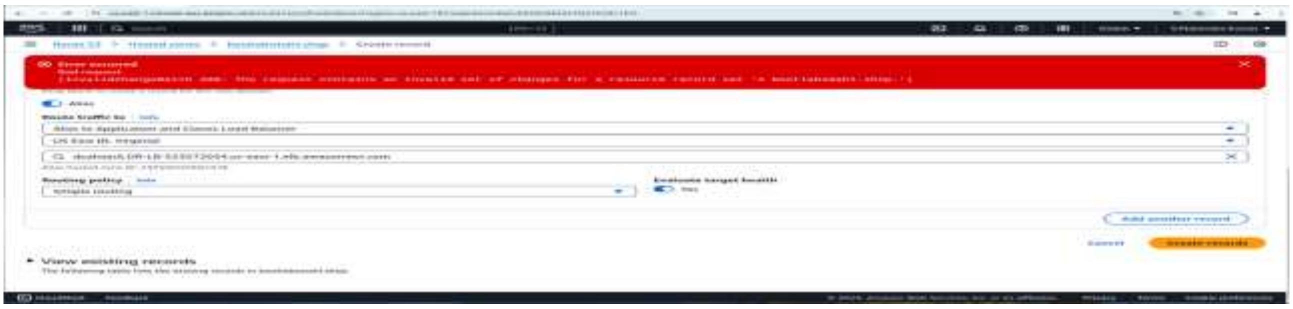
Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Welcome to all techies in Aws community

DR-Application

Now create a record set from route 53 and route traffic from classic load balancer in to route 53 (Domain) route 53 route application traffic as per the routing policy.

We have issues while create A records with simple routing policy.


Error occurred

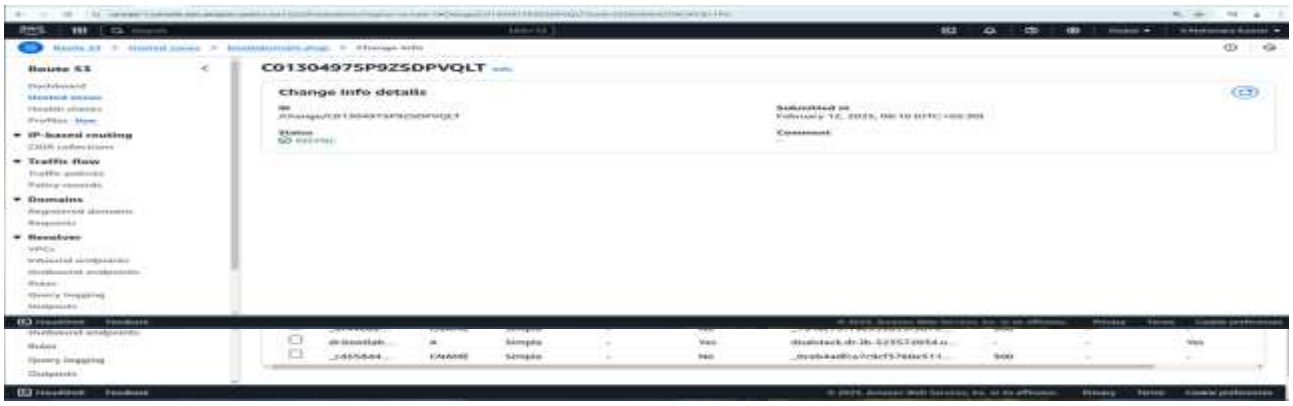
Routing policy

Simple routing

Evaluate target health

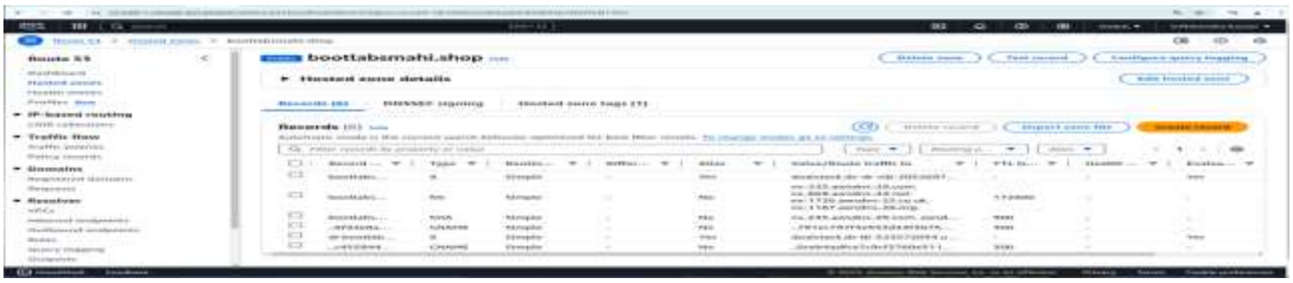
Issue is when we create one more record for DR we should mention the record name as DR or something else

Propogation has been done and INSYNC status


C01304975P9Z5DPVQLT

Change info details

Now can see addition 2 more A records .

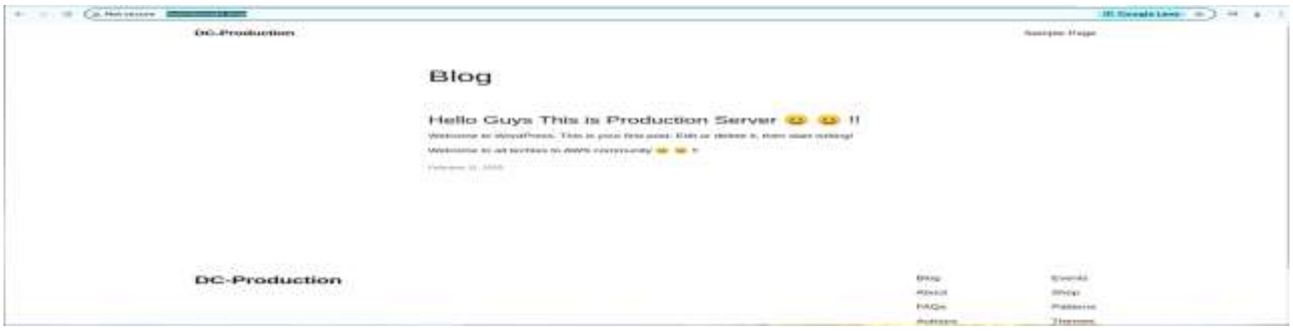

boottabsmahi.shop

Hosted zone details

Here i can able to reach both Production application server as well DR server with my domain name

Prduction : http://bootlabsmahi.shop/

DR : http://dr.bootlabsmahi.shop/



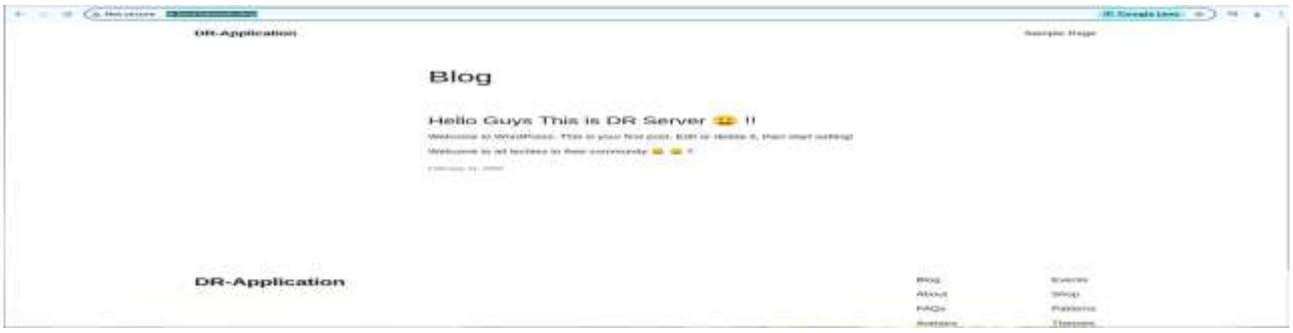
DC-Production

Blog

Hello Guys This is Production Server !!

DC-Production

DR : http://dr.bootlabsmahi.shop/



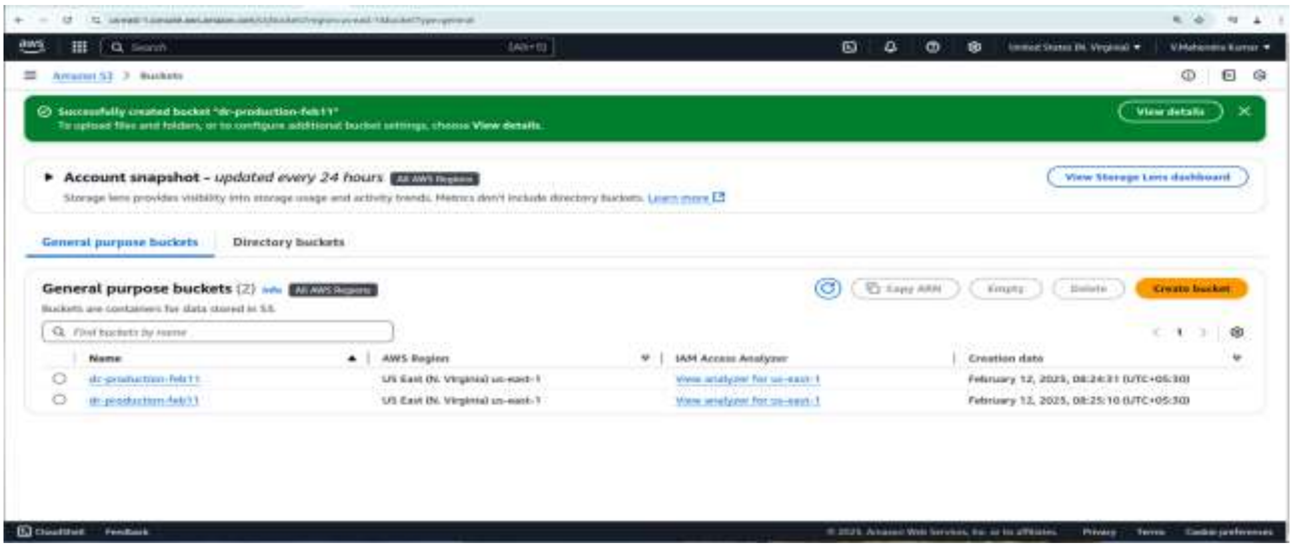
DR-Application

Blog

Hello Guys This is DR Server !!

DR-Application

Now we need to create couple of bucket for make sync between production in to DR.



Successfully created bucket "dr-production-feb11"

Account snapshot - *updated every 24 hours*

General purpose buckets (2)

Name	AWS Region	IAM Access Analyzer	Creation date
dc-production-feb11	US East (N. Virginia) us-east-1	View analyzer for us-east-1	February 12, 2025, 08:24:31 (UTC+05:30)
dr-production-feb11	US East (N. Virginia) us-east-1	View analyzer for us-east-1	February 12, 2025, 08:25:10 (UTC+05:30)

Now start sync content from Production in to S3, Then start sync content from S3 in to DR

PRODUCTION:

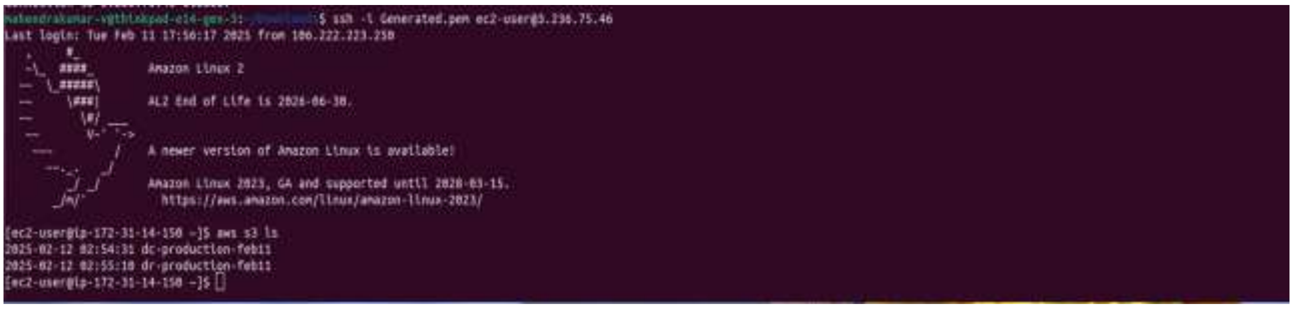
*/2 * * * * aws s3 sync --delete /var/www/html/wp-content/uploads s3://dc-production-feb11
*/2 * * * * aws s3 sync --delete /var/www/html/ s3://dr-production-feb11

DR:

*/2 * * * * aws s3 sync --delete s3://dc-production-feb11 /var/www/html/wp-content/uploads
*/2 * * * * aws s3 sync --delete s3://dr-production-feb11/var/www/html/

We can connect both production and DR instance and list bucket.

```
[illegible]
```

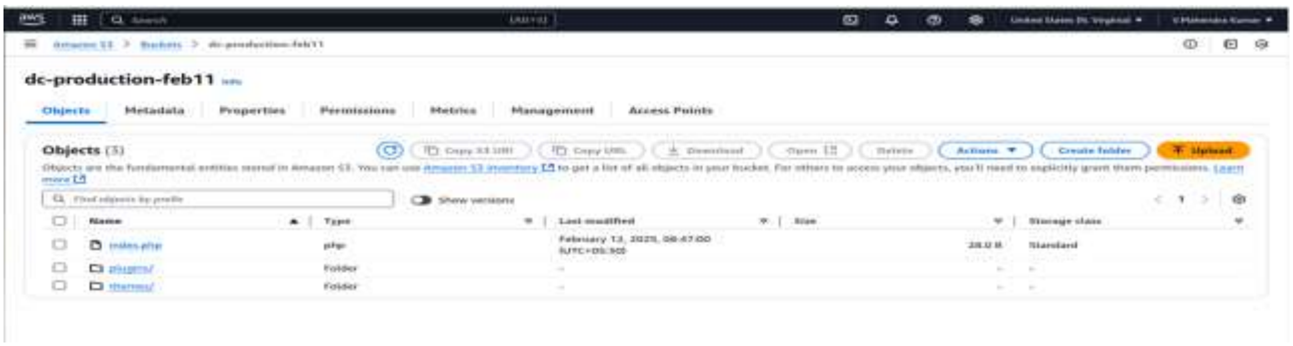


```
$ ssh -i Generated.pem ec2-user@3.236.75.46
Last login: Tue Feb 11 17:56:17 2025 from 106.222.223.250
       ,     #_
       ~\_  ####_        Amazon Linux 2
      ~~  \_#####\
      ~~     \###|       AL2 End of Life is 2026-06-30.
      ~~       \#/ ___
       ~~       V~' '->
        ~~~         /    A newer version of Amazon Linux is available!
          ~~._.   _/
             _/ _/       Amazon Linux 2023, GA and supported until 2028-03-15.
           _/m/'           https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-172-31-14-150 ~]$ aws s3 ls
2025-02-12 02:54:31 dc-production-feb11
2025-02-12 02:55:10 dr-production-feb11
[ec2-user@ip-172-31-14-150 ~]$
```

*/2 * * * * aws s3 sync --delete /var/www/html/wp-content/uploads s3://dc-production-feb11

```
[illegible]
```


dc-production-feb11 Info

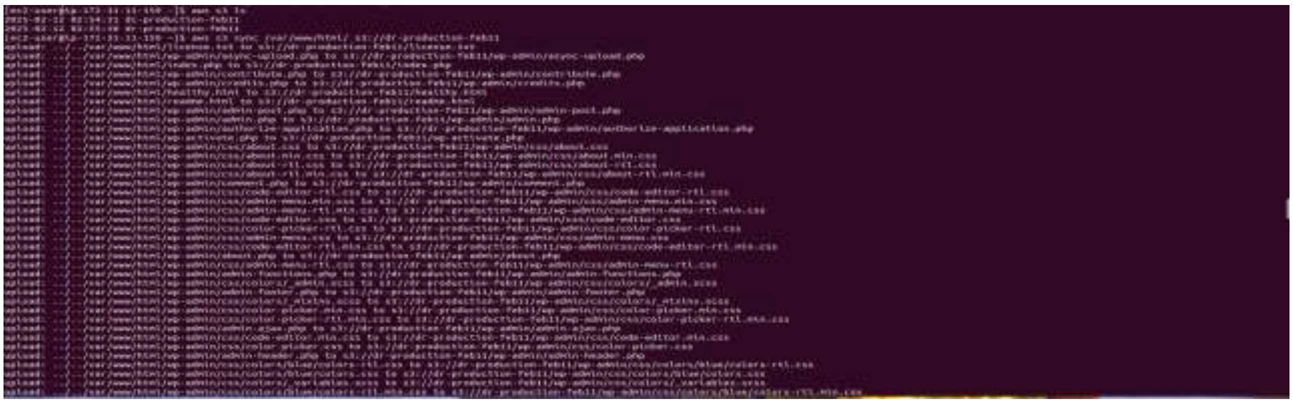
Objects | Metadata | Properties | Permissions | Metrics | Management | Access Points

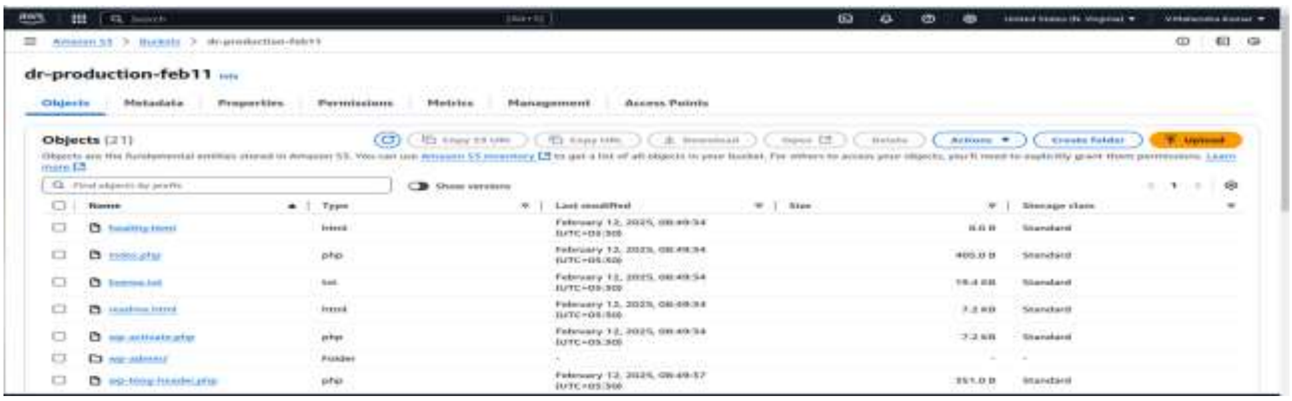
Objects (3)

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
index.php	php	February 13, 2025, 08:47:00 (UTC+05:30)	28.0 B	Standard
plugins/	Folder	-	-	-
themes/	Folder	-	-	-

*/2 * * * * aws s3 sync --delete /var/www/html/ s3://dr-production-feb11


```
[ec2-user@ip-172-31-11-159 ~]$ aws s3 ls
2025-02-12 02:34:31 dc-production-feb11
2025-02-12 02:35:08 dr-production-feb11
[ec2-user@ip-172-31-11-159 ~]$ aws s3 sync /var/www/html/ s3://dr-production-feb11
upload: ../../var/www/html/license.txt to s3://dr-production-feb11/license.txt
upload: ../../var/www/html/wp-admin/async-upload.php to s3://dr-production-feb11/wp-admin/async-upload.php
upload: ../../var/www/html/index.php to s3://dr-production-feb11/index.php
upload: ../../var/www/html/wp-admin/contribute.php to s3://dr-production-feb11/wp-admin/contribute.php
upload: ../../var/www/html/wp-admin/credits.php to s3://dr-production-feb11/wp-admin/credits.php
upload: ../../var/www/html/healthy.html to s3://dr-production-feb11/healthy.html
upload: ../../var/www/html/readme.html to s3://dr-production-feb11/readme.html
upload: ../../var/www/html/wp-admin/admin-post.php to s3://dr-production-feb11/wp-admin/admin-post.php
upload: ../../var/www/html/wp-admin/admin.php to s3://dr-production-feb11/wp-admin/admin.php
upload: ../../var/www/html/wp-admin/authorize-application.php to s3://dr-production-feb11/wp-admin/authorize-application.php
upload: ../../var/www/html/wp-activate.php to s3://dr-production-feb11/wp-activate.php
upload: ../../var/www/html/wp-admin/css/about.css to s3://dr-production-feb11/wp-admin/css/about.css
upload: ../../var/www/html/wp-admin/css/about.min.css to s3://dr-production-feb11/wp-admin/css/about.min.css
upload: ../../var/www/html/wp-admin/css/about-rtl.css to s3://dr-production-feb11/wp-admin/css/about-rtl.css
upload: ../../var/www/html/wp-admin/css/about-rtl.min.css to s3://dr-production-feb11/wp-admin/css/about-rtl.min.css
upload: ../../var/www/html/wp-admin/comment.php to s3://dr-production-feb11/wp-admin/comment.php
upload: ../../var/www/html/wp-admin/css/code-editor-rtl.css to s3://dr-production-feb11/wp-admin/css/code-editor-rtl.css
upload: ../../var/www/html/wp-admin/css/admin-menu.min.css to s3://dr-production-feb11/wp-admin/css/admin-menu.min.css
upload: ../../var/www/html/wp-admin/css/admin-menu-rtl.min.css to s3://dr-production-feb11/wp-admin/css/admin-menu-rtl.min.css
upload: ../../var/www/html/wp-admin/css/code-editor.css to s3://dr-production-feb11/wp-admin/css/code-editor.css
upload: ../../var/www/html/wp-admin/css/color-picker-rtl.css to s3://dr-production-feb11/wp-admin/css/color-picker-rtl.css
upload: ../../var/www/html/wp-admin/css/admin-menu.css to s3://dr-production-feb11/wp-admin/css/admin-menu.css
upload: ../../var/www/html/wp-admin/css/code-editor-rtl.min.css to s3://dr-production-feb11/wp-admin/css/code-editor-rtl.min.css
upload: ../../var/www/html/wp-admin/about.php to s3://dr-production-feb11/wp-admin/about.php
upload: ../../var/www/html/wp-admin/css/admin-menu-rtl.css to s3://dr-production-feb11/wp-admin/css/admin-menu-rtl.css
upload: ../../var/www/html/wp-admin/admin-functions.php to s3://dr-production-feb11/wp-admin/admin-functions.php
upload: ../../var/www/html/wp-admin/css/colors/_admin.scss to s3://dr-production-feb11/wp-admin/css/colors/_admin.scss
upload: ../../var/www/html/wp-admin/admin-footer.php to s3://dr-production-feb11/wp-admin/admin-footer.php
upload: ../../var/www/html/wp-admin/css/colors/_mixins.scss to s3://dr-production-feb11/wp-admin/css/colors/_mixins.scss
upload: ../../var/www/html/wp-admin/css/color-picker.min.css to s3://dr-production-feb11/wp-admin/css/color-picker.min.css
upload: ../../var/www/html/wp-admin/css/color-picker-rtl.min.css to s3://dr-production-feb11/wp-admin/css/color-picker-rtl.min.css
upload: ../../var/www/html/wp-admin/admin-ajax.php to s3://dr-production-feb11/wp-admin/admin-ajax.php
upload: ../../var/www/html/wp-admin/css/code-editor.min.css to s3://dr-production-feb11/wp-admin/css/code-editor.min.css
upload: ../../var/www/html/wp-admin/css/color-picker.css to s3://dr-production-feb11/wp-admin/css/color-picker.css
upload: ../../var/www/html/wp-admin/admin-header.php to s3://dr-production-feb11/wp-admin/admin-header.php
upload: ../../var/www/html/wp-admin/css/colors/blue/colors-rtl.css to s3://dr-production-feb11/wp-admin/css/colors/blue/colors-rtl.css
upload: ../../var/www/html/wp-admin/css/colors/blue/colors.css to s3://dr-production-feb11/wp-admin/css/colors/blue/colors.css
upload: ../../var/www/html/wp-admin/css/colors/_variables.scss to s3://dr-production-feb11/wp-admin/css/colors/_variables.scss
upload: ../../var/www/html/wp-admin/css/colors/blue/colors-rtl.min.css to s3://dr-production-feb11/wp-admin/css/colors/blue/colors-rtl.min.css
```


dr-production-feb11 Info

Objects | Metadata | Properties | Permissions | Metrics | Management | Access Points

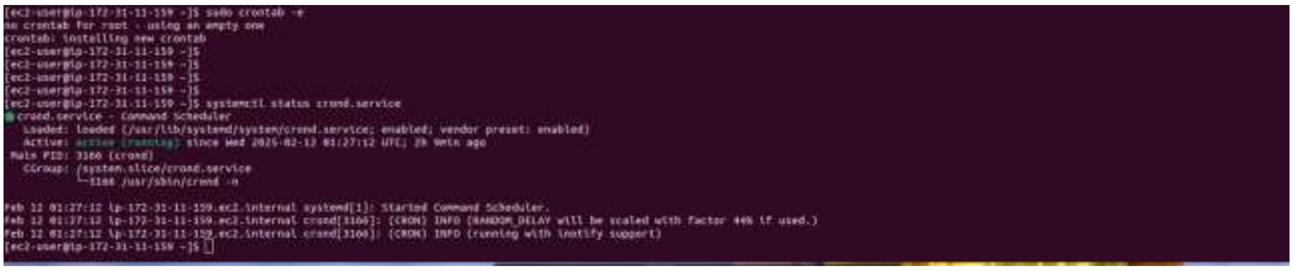
Objects (21)

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

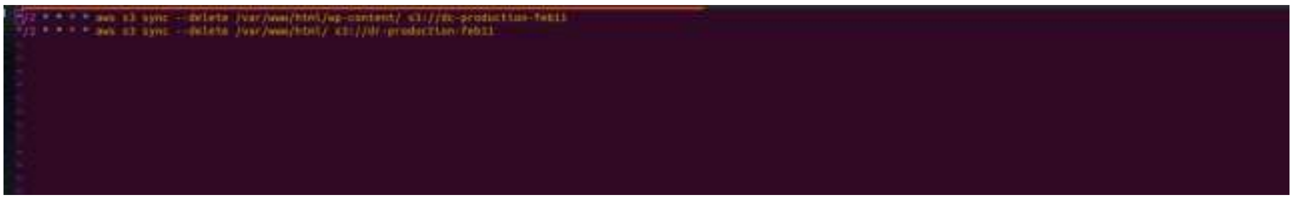
Name	Type	Last modified	Size	Storage class
healthy.html	html	February 12, 2025, 08:49:34 (UTC+05:30)	8.0 B	Standard
index.php	php	February 12, 2025, 08:49:34 (UTC+05:30)	405.0 B	Standard
license.txt	txt	February 12, 2025, 08:49:54 (UTC+05:30)	19.4 KB	Standard
readme.html	html	February 12, 2025, 08:49:34 (UTC+05:30)	7.2 KB	Standard
wp-activate.php	php	February 12, 2025, 08:49:34 (UTC+05:30)	7.2 KB	Standard
wp-admin/	Folder	-	-	-
wp-blog-header.php	php	February 12, 2025, 08:49:57 (UTC+05:30)	351.0 B	Standard

Production Server (DC) :

*/2 * * * * aws s3 sync --delete /var/www/html/wp-content/uploads s3://dc-production-feb11
*/2 * * * * aws s3 sync --delete /var/www/html/ s3://dr-production-feb11


```
[ec2-user@ip-172-31-11-159 ~]$ sudo crontab -e
no crontab for root - using an empty one
crontab: installing new crontab
[ec2-user@ip-172-31-11-159 ~]$
[ec2-user@ip-172-31-11-159 ~]$
[ec2-user@ip-172-31-11-159 ~]$
[ec2-user@ip-172-31-11-159 ~]$
[ec2-user@ip-172-31-11-159 ~]$ systemctl status crond.service
● crond.service - Command Scheduler
   Loaded: loaded (/usr/lib/systemd/system/crond.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2025-02-12 01:27:12 UTC; 29 min ago
 Main PID: 3166 (crond)
   CGroup: /system.slice/crond.service
           └─3166 /usr/sbin/crond -n

Feb 12 01:27:12 ip-172-31-11-159.ec2.internal systemd[1]: Started Command Scheduler.
Feb 12 01:27:12 ip-172-31-11-159.ec2.internal crond[3166]: (CRON) INFO (RANDOM_DELAY will be scaled with factor 44% if used.)
Feb 12 01:27:12 ip-172-31-11-159.ec2.internal crond[3166]: (CRON) INFO (running with inotify support)
[ec2-user@ip-172-31-11-159 ~]$ 
```

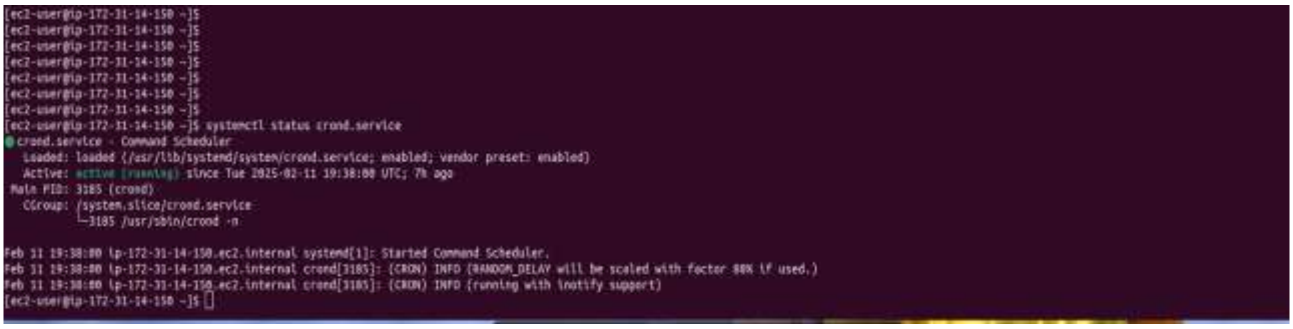


```
*/2 * * * * aws s3 sync --delete /var/www/html/wp-content/ s3://dc-production-feb11
*/2 * * * * aws s3 sync --delete /var/www/html/ s3://dr-production-feb11
~
~
~
~
~
~
~
~
~
~
```

DR:

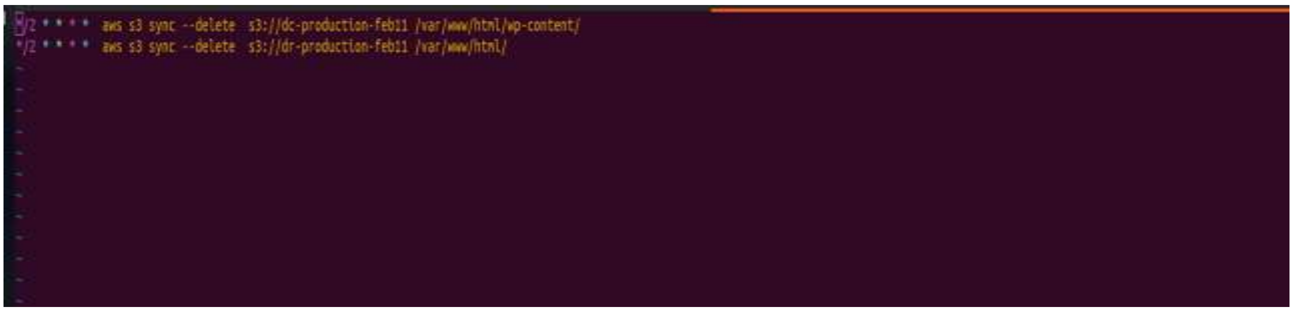
*/2 * * * * aws s3 sync --delete s3://dc-production-feb11 /var/www/html/wp-content/uploads

*/2 * * * * aws s3 sync --delete s3://dr-production-feb11 /var/www/html/



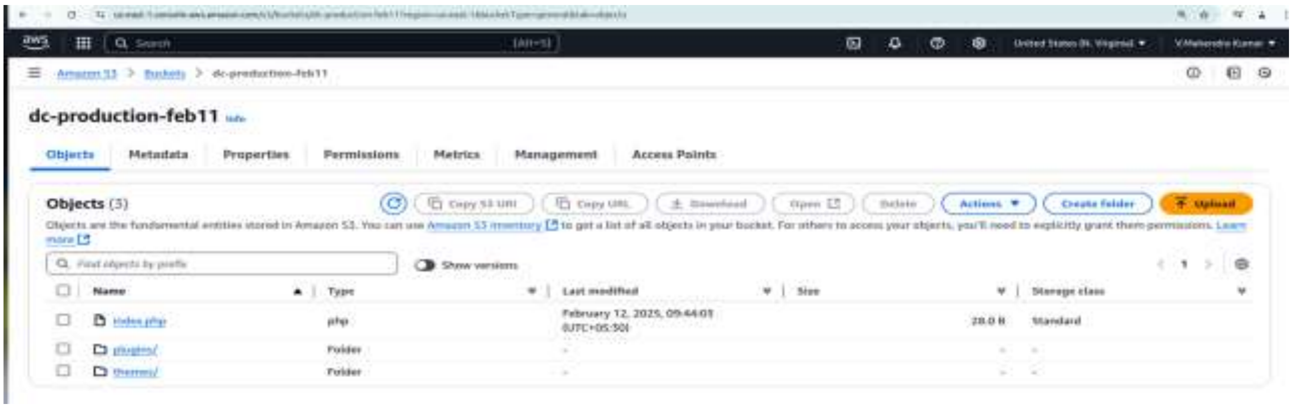
```
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$
[ec2-user@ip-172-31-14-150 ~]$ systemctl status crond.service
● crond.service - Command Scheduler
   Loaded: loaded (/usr/lib/systemd/system/crond.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2025-02-11 19:38:00 UTC; 7h ago
 Main PID: 3185 (crond)
   CGroup: /system.slice/crond.service
           └─3185 /usr/sbin/crond -n

Feb 11 19:38:00 ip-172-31-14-150.ec2.internal systemd[1]: Started Command Scheduler.
Feb 11 19:38:00 ip-172-31-14-150.ec2.internal crond[3185]: (CRON) INFO (RANDOM_DELAY will be scaled with factor 88% if used.)
Feb 11 19:38:00 ip-172-31-14-150.ec2.internal crond[3185]: (CRON) INFO (running with inotify support)
[ec2-user@ip-172-31-14-150 ~]$ 
```



```
*/2 * * * *  aws s3 sync --delete  s3://dc-production-feb11 /var/www/html/wp-content/
*/2 * * * *  aws s3 sync --delete  s3://dr-production-feb11 /var/www/html/
~
~
~
~
~
~
~
~
~
~
~
```

After successfully set and cron has been started every 2 min and synced data from production in to DR.



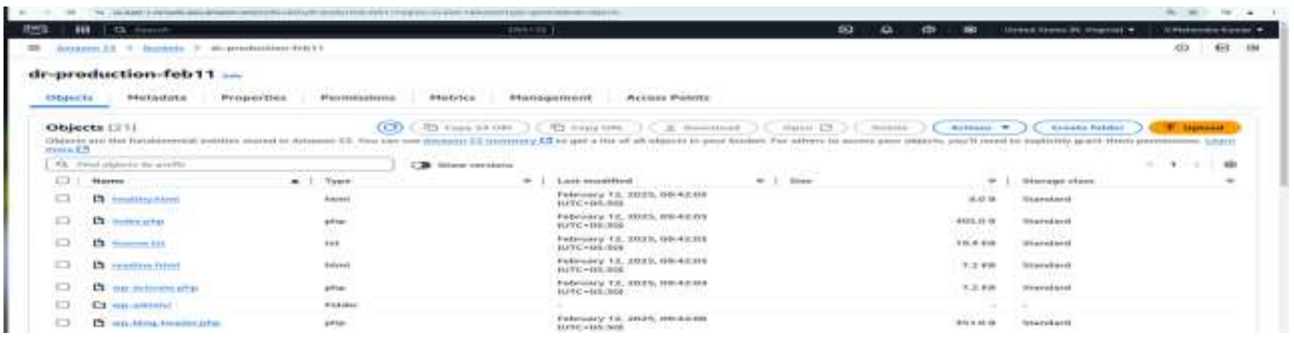
dc-production-feb11

Objects (3)

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
index.php	php	February 12, 2025, 09:44:01 (UTC+05:30)	28.0 B	Standard
plugins/	Folder	-	-	-
themes/	Folder	-	-	-

After sync content from the production in to DR server, Now both server have the same content distruibuted.



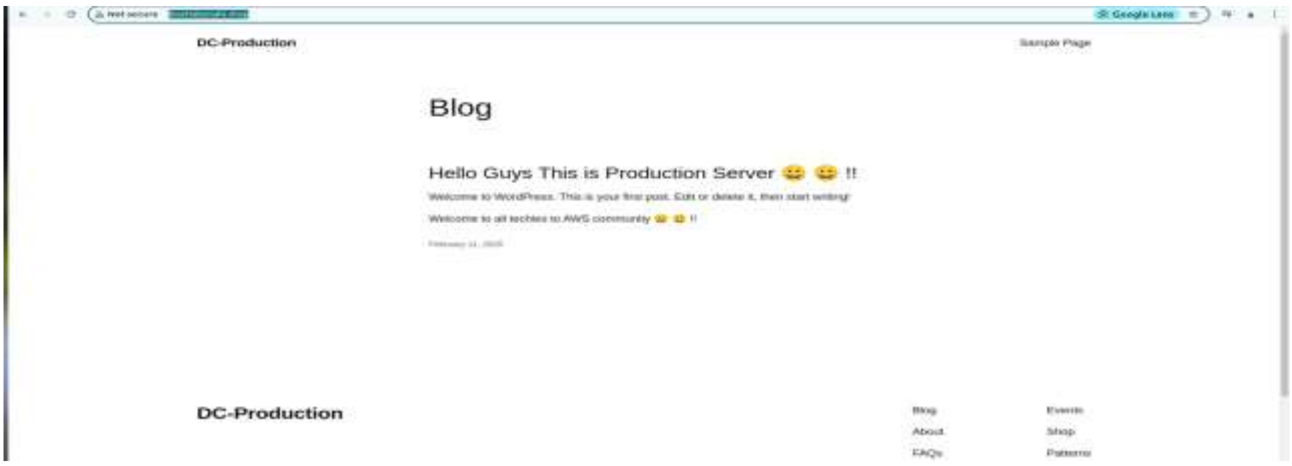
dr-production-feb11

Objects | Metadata | Properties | Permissions | Metrics | Management | Access Points

Objects (21)

	Name	Type	Last modified	Size	Storage class
	healthy.html	html	February 12, 2025, 09:42:03 (UTC+05:30)	4.0 B	Standard
	index.php	php	February 12, 2025, 09:42:03 (UTC+05:30)	405.0 B	Standard
	license.txt	txt	February 12, 2025, 09:42:03 (UTC+05:30)	19.4 KB	Standard
	readme.html	html	February 12, 2025, 09:42:03 (UTC+05:30)	7.2 KB	Standard
	wp-activate.php	php	February 12, 2025, 09:42:03 (UTC+05:30)	7.2 KB	Standard
	wp-admin/	Folder	-	-	-
	wp-blog-header.php	php	February 14, 2025, 09:44:08 (UTC+05:30)	351.0 B	Standard

Production : http://bootlabsmahi.shop/



DC-Production | Sample Page

Blog

Hello Guys This is Production Server 😀 😀 !!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

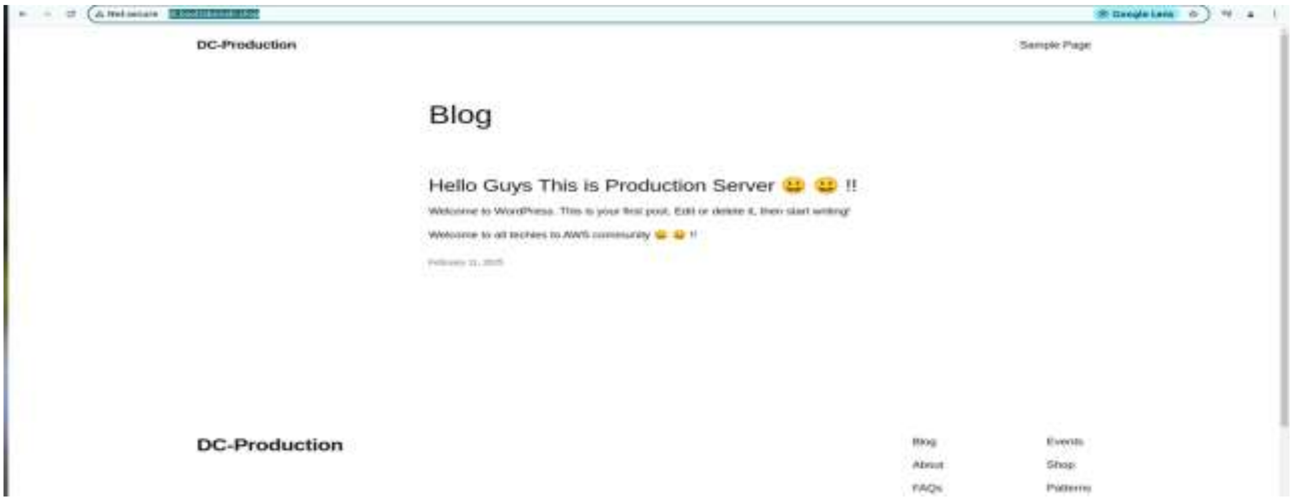
Welcome to all techies to AWS community 😀 😀 !!

February 11, 2025

DC-Production

Blog	Events
About	Shop
FAQs	Patterns

DR: http://dr.bootlabsmahi.shop/



DC-Production | Sample Page

Blog

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February 11, 2025

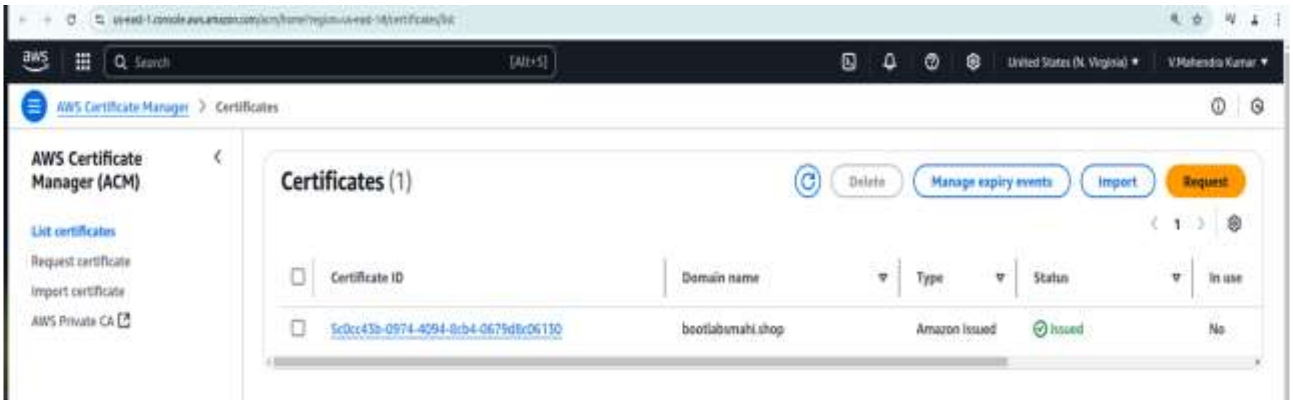
DC-Production

Blog	Events
About	Shop
FAQs	Patterns

Here if once production goes down content serve from the DR server. Because of S3 buckey sync every 2 min from prod to DR.

Now i want to serve my content in secure way (from http to https)

Certificate issues by ACM:

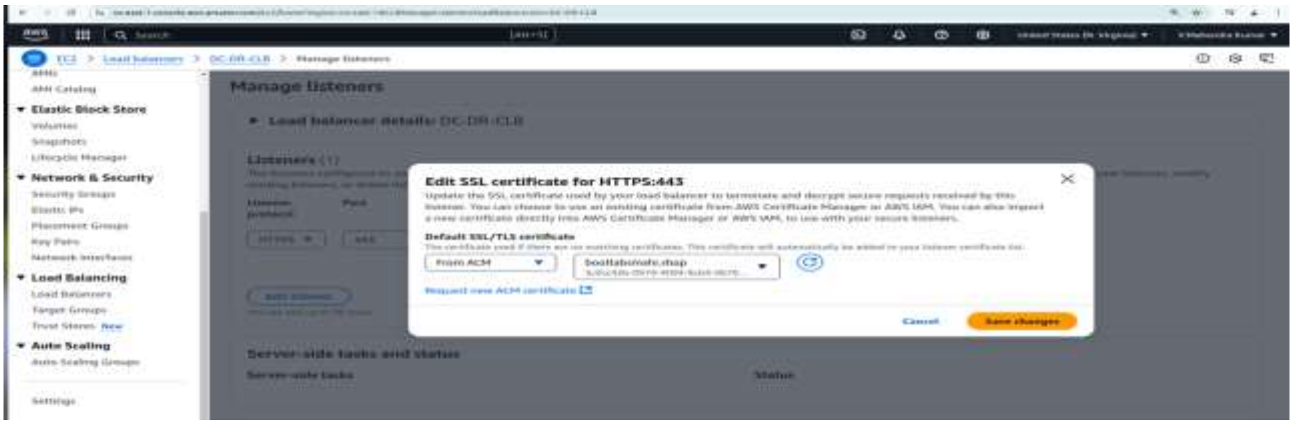


AWS Certificate Manager > Certificates

Certificates (1)

Certificate ID	Domain name	Type	Status	In use
5c0cc43b-0974-4094-8cb4-0679d8c06130	bootlabsmahi.shop	Amazon Issued	Issued	No

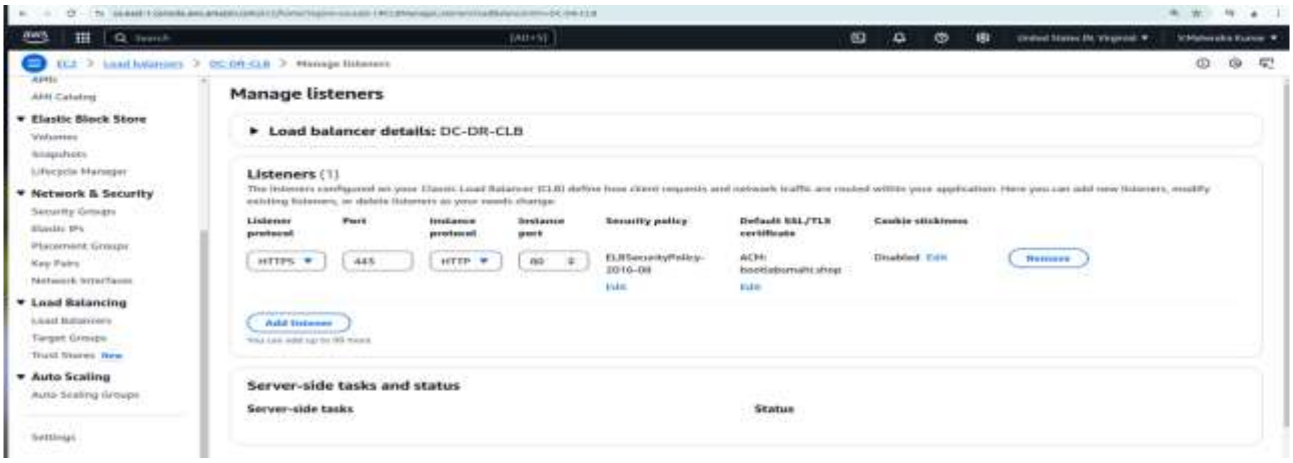
Configure listerner from http in to https:



Edit SSL certificate for HTTPS:443

Update the SSL certificate used by your load balancer to terminate and decrypt secure requests received by this listener. You can choose to use an existing certificate from AWS Certificate Manager or AWS IAM. You can also import a new certificate directly into AWS Certificate Manager or AWS IAM, to use with your secure listeners.

Default SSL/TLS certificate: From ACM — bootlabsmahi.shop



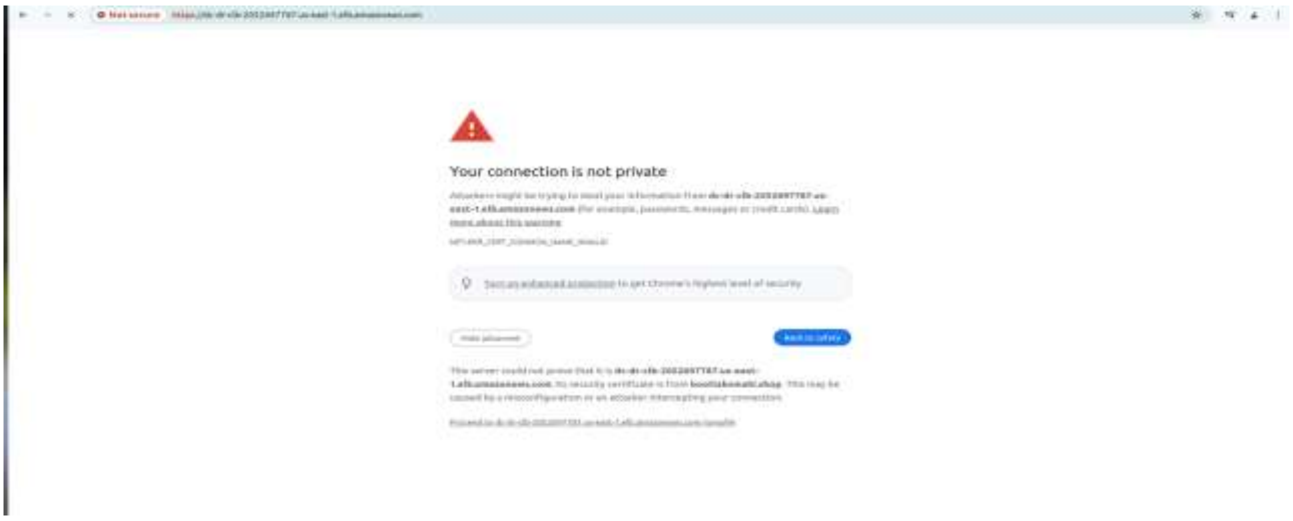
Manage listeners

Load balancer details: DC-DR-CLB

Listeners (1)

Listener protocol	Port	Instance protocol	Instance port	Security policy	Default SSL/TLS certificate	Cookie stickiness
HTTPS	443	HTTP	80	ELBSecurityPolicy-2016-08	ACM: bootlabsmahi.shop	Disabled

Server-side tasks and status



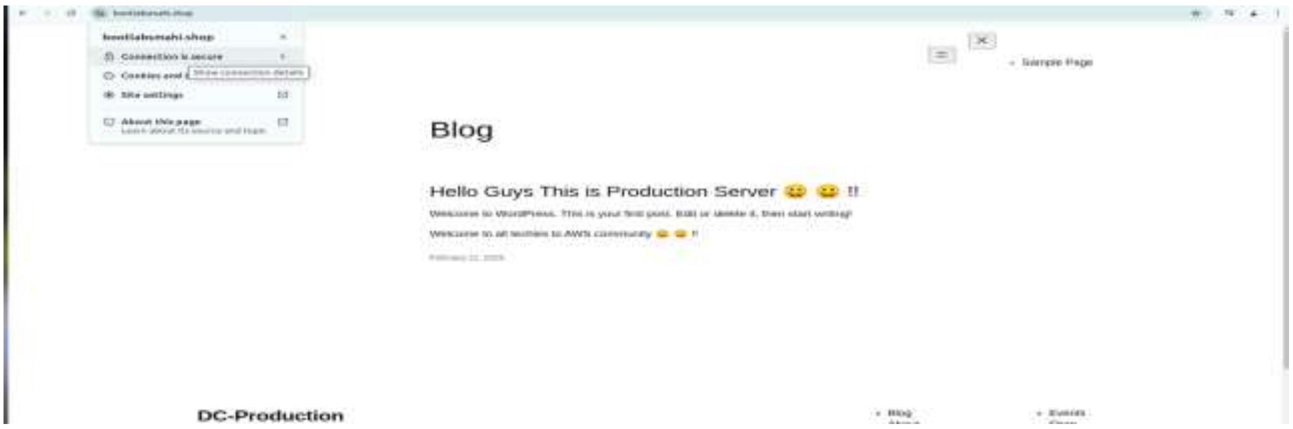
Your connection is not private

Attackers might be trying to steal your information from dc-dr-clb-2032697787.us-east-1.elb.amazonaws.com (for example, passwords, messages or credit cards). Learn more about this warning

NET::ERR_CERT_COMMON_NAME_INVALID

Turn on enhanced protection to get Chrome's highest level of security

This server could not prove that it is dc-dr-clb-2032697787.us-east-1.elb.amazonaws.com; its security certificate is from bootlabsmahi.shop. This may be caused by a misconfiguration or an attacker intercepting your connection.



bootlabsmahi.shop

Connection is secure

Blog

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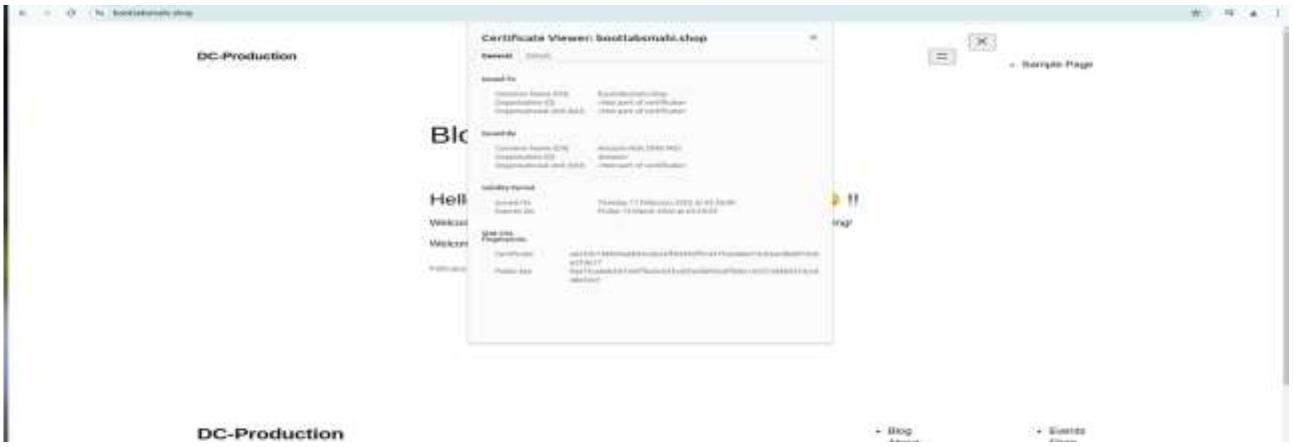
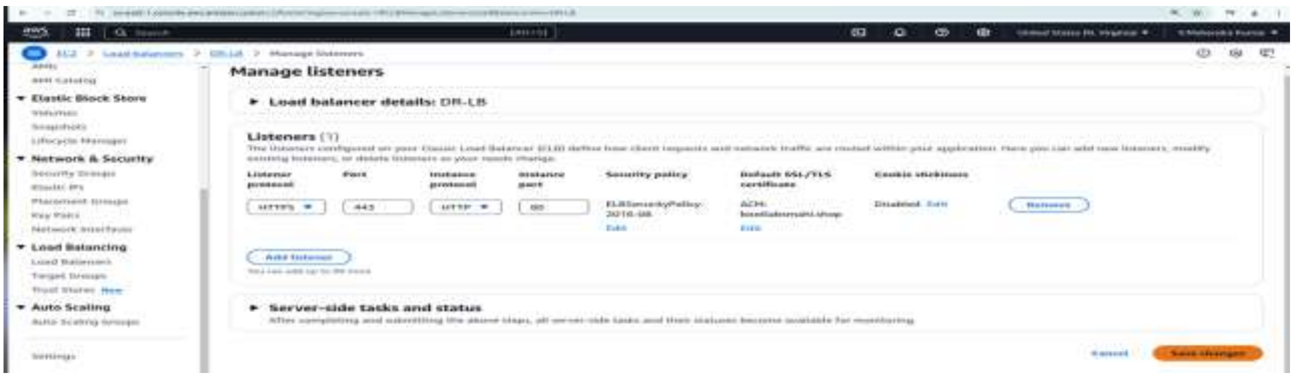
DC-Production



Certificate Viewer: bootlabsmahi.shop

DC-Production

DR:



Manage listeners

Load balancer details: DR-LB

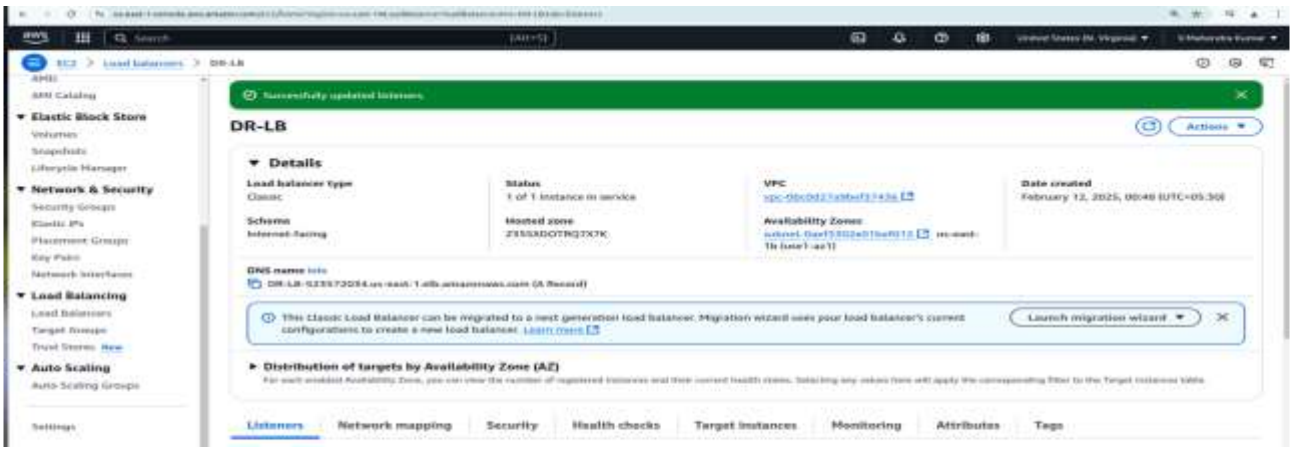
Listeners (1)

[illegible]

Listener protocol	Port	Instance protocol	Instance port	Security policy	Default SSL/TLS certificate	Cookie stickiness
HTTPS	443	HTTP	80	ELBSecurityPolicy-2016-08 Edit	ACM: bootlabomahi.shop Edit	Disabled Edit

Server-side tasks and status

[illegible]



Successfully updated listeners

DR-LB

Details

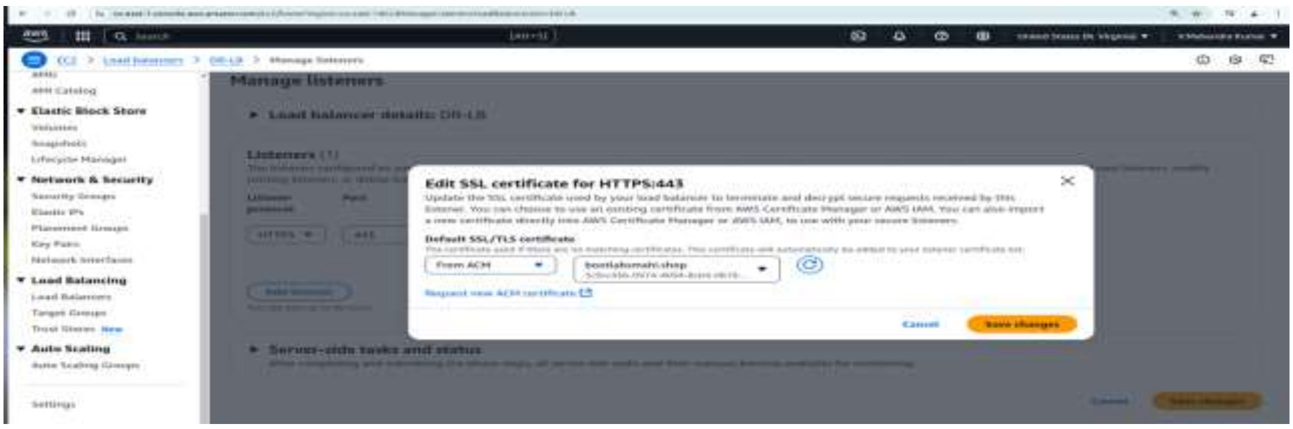
Load balancer type Classic	Status 1 of 1 instance in service	VPC [illegible]	Date created February 12, 2025, 00:48 (UTC+05:30)
Scheme Internet-facing	Hosted zone Z35SXDOTRQ7X7K	Availability Zones [illegible]	

DNS name Info
DR-LB-[illegible].us-east-1.elb.amazonaws.com (A Record)

This Classic Load Balancer can be migrated to a next generation load balancer. Migration wizard uses your load balancer's current configurations to create a new load balancer. Learn more

Distribution of targets by Availability Zone (AZ)

[illegible]



Edit SSL certificate for HTTPS:443

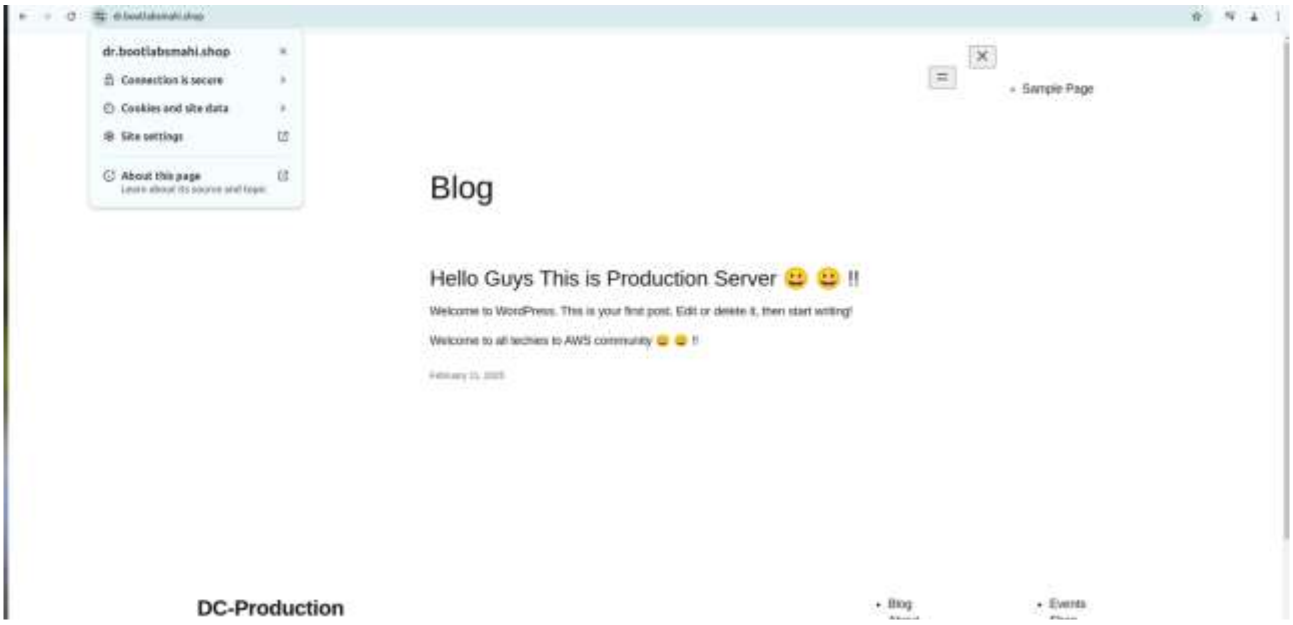
Update the SSL certificate used by your load balancer to terminate and decrypt secure requests received by this listener. You can choose to use an existing certificate from AWS Certificate Manager or AWS IAM. You can also import a new certificate directly into AWS Certificate Manager or AWS IAM, to use with your secure listeners.

Default SSL/TLS certificate

[illegible]

From ACM | bootlabomahi.shop

Request new ACM certificate



Blog

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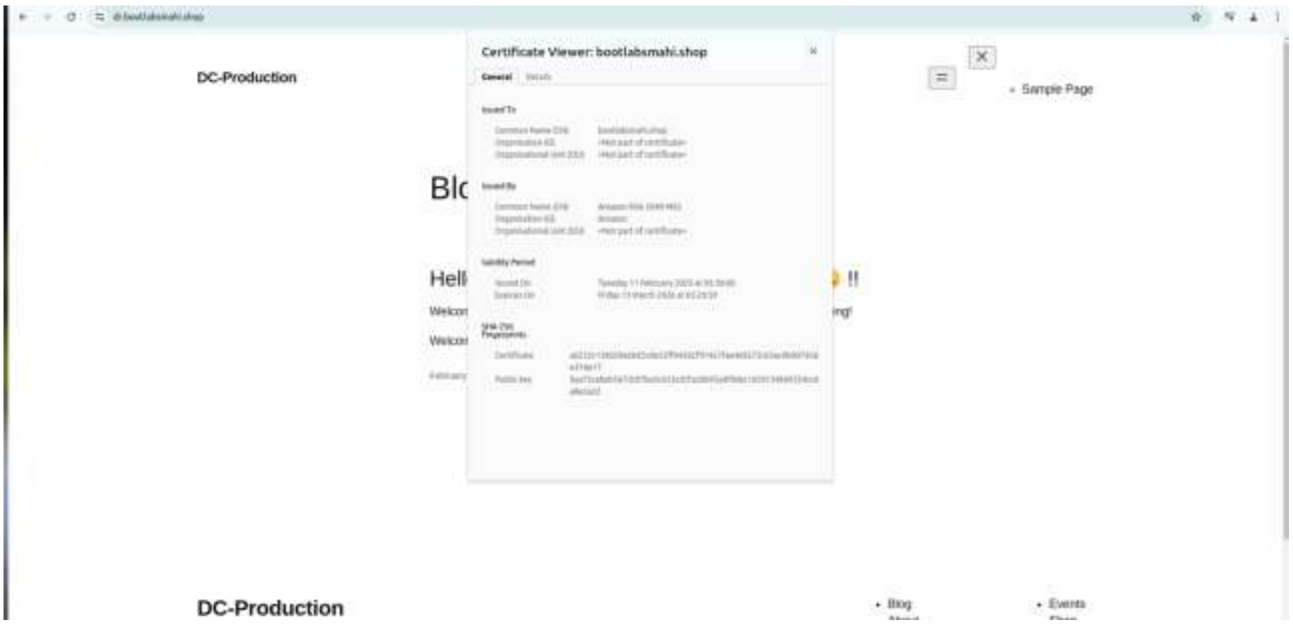
February 11, 2025



Certificate Viewer: bootlabsmahi.shop

Issued To

Common Name (CN)	bootlabsmahi.shop
Organisation (O)	<Not part of certificate>
Organisational Unit (OU)	<Not part of certificate>

Issued By

Common Name (CN)	Amazon RSA 2048 M02
Organisation (O)	Amazon
Organisational Unit (OU)	<Not part of certificate>

Validity Period

Issued On	Tuesday 11 February 2025 at 05:30:00
Expires On	Friday 13 March 2026 at 05:29:59

SHA-256 Fingerprints

Certificate	[illegible]
Public key	[illegible]

All The Best