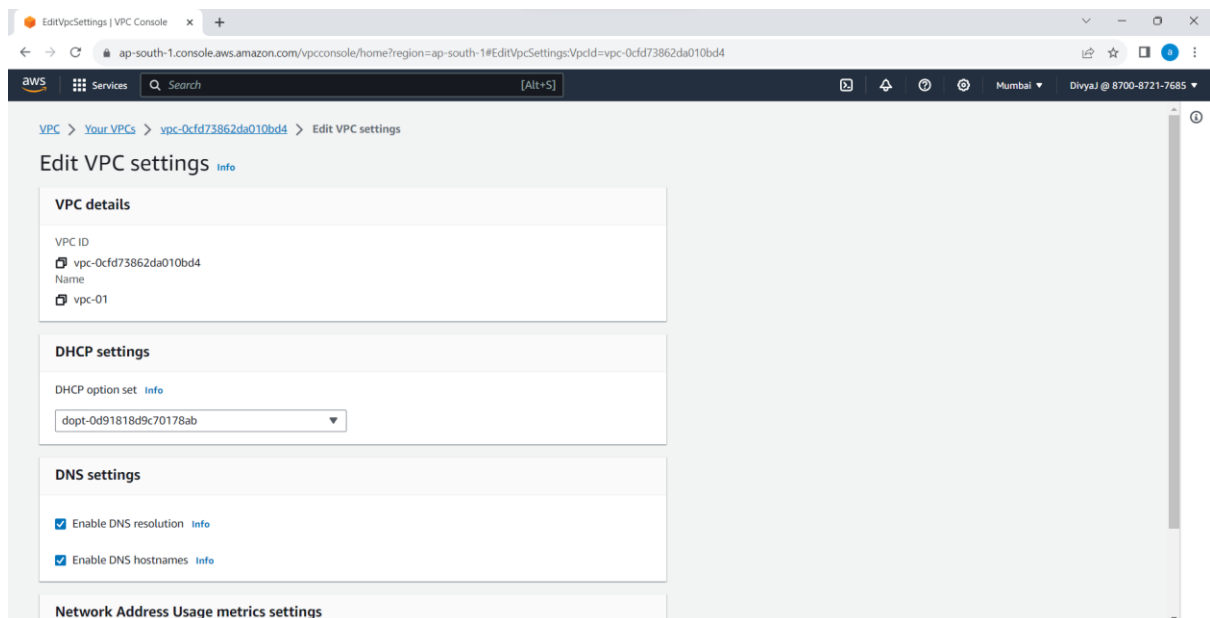


NAME: DIVYA SANJEEVARADDI JALIKOPPA

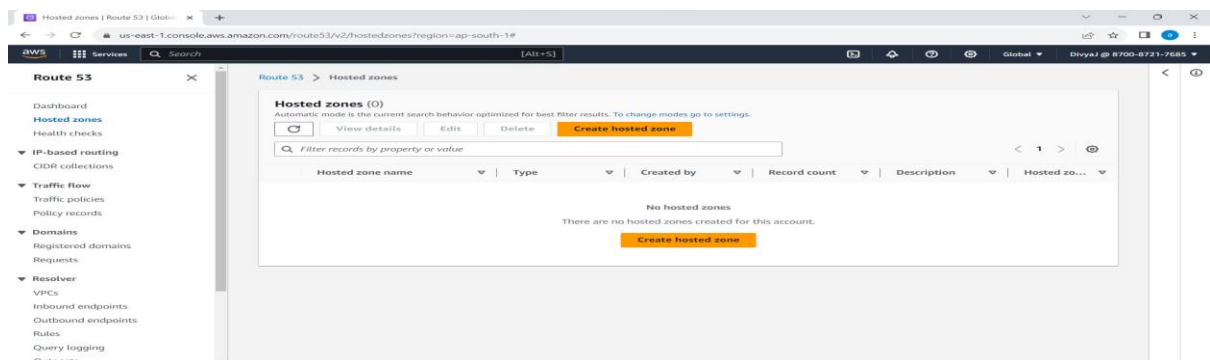
USN : 2KE20EC028

ASSIGNMENT

Enable DNS hostnames



Create hosted zones



Give the name

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.




☐ **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.

Select vpc and region

VPCs to associate with the hosted zone [Info](#)

To use this hosted zone to resolve DNS queries for one or more VPCs, choose the VPCs. To associate a VPC with a hosted zone when the VPC was created using a different AWS account, you must use a programmatic method, such as the AWS CLI.

 For each VPC that you associate with a private hosted zone, you must set the Amazon VPC settings `enableDnsHostnames` and `enableDnsSupport`  to true. 

Region [Info](#)

Asia Pacific (Mumbai) ▼

VPC ID [Info](#)

🔍 vpc-0cfd73862da010bd4 ✕

Remove VPC

Add VPC

Give tags and create

Tags [Info](#)

Apply tags to hosted zones to help organize and identify them.

Key

×

Value - optional

Remove tag

Add tag

You can add up to 49 more tags.

Cancel

Create hosted zone

Its created

mm.com 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 > mm.com

Private mm.com [Info](#)

Delete zone

Test record

Configure query logging

Hosted zone details

Edit hosted zone

Records (2)

Hosted zone tags (1)

Records (2) [Info](#)

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

Type ▼

Routing policy ▼

Alias ▼

< 1 >

<input type="checkbox"/>	Record ... ▼	Type ▼	Routin... ▼	Differ... ▼	Alias ▼	Value/Route t
						ns-1536.awsdn

0 records selected

Select a record to see its details

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[Privacy](#)

[Terms](#)

[Cookie preferences](#)

Now create record for mm.com

Leave it default as it's the root domain name and give mattermost ip in the value

Create record [Info](#)

Quick create record [Switch to wizard](#)

▼ Record 1 [Delete](#)

Record name [Info](#) mm.com [Record type Info](#)

Keep blank to create a record for the root domain.

☒ Alias

Value [Info](#)

Enter multiple values on separate lines.

TTL (seconds) [Info](#) [Routing policy Info](#)

Recommended values: 60 to 172800 (two days)

[Add another record](#)

Record is created

Records (3) [Info](#)

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

[Refresh](#) [Delete record](#) [Import zone file](#) [Create record](#)

[Type ▼](#) [Routing policy ▼](#) [Alias ▼](#)

[<](#) [1](#) [>](#) [Settings](#)

Record ... ▼	Type ▼	Routin... ▼	Differ... ▼	Alias ▼	Value/Route traffic to
mm.com	A	Simple	-	No	10.0.4.48
mm.com	NS	Simple	-	No	ns-1536.awsdns-00.co ns-0.awsdns-00.com. ns-1024.awsdns-00.o ns-512.awsdns-00.net
mm.com	SOA	Simple	-	No	ns-1536.awsdns-00.co

Use domain name instead ip in nginx

```
upstream backend {  
    server mm.com:8065;  
    keepalive 32;  
}
```

Able to access

```
[ec2-user@ip-10-0-1-82 ~]$ curl http://mm.com:8065
<!doctype html><html lang=en><head><meta charset=utf-8><meta name=viewport content=width=device-width,initial-scale=1,maximum-scale=1,user-scalable=0><meta name=robots content=noindex, nofollow><meta name=referrer content=no-referrer><title>Mattermost</title><meta name=mobile-web-app-capable content=yes><meta name=application-name content=Mattermost><meta name=format-detection content=telephone=no><link rel=icon type=image/png href=/static/images/favicon/favicon-default-16x16.png sizes=16x16><link rel=icon type=image/png href=/static/images/favicon/favicon-default-24x24.png sizes=24x24><link rel=icon type=image/png href=/static/images/favicon/favicon-default-32x32.png sizes=32x32><link rel=icon type=image/png href=/static/images/favicon/favicon-default-64x64.png sizes=64x64><link type=image/png href=/static/images/favicon/favicon-default-96x96.png sizes=96x96><link type=stylesheet class=theme><style>error-screen-font-family:Helvetica Neue, Helvetica, Arial, sans-serif;padding-top:50px;max-width:750px;font-size:14px;color:#333;margin:auto;display:none;line-height:1.5>error-screen h2font-size:30px;font-weight:400;line-height:1.2>error-screen ulpadding-left:15px;line-height:1.7;margin-top:0;margin-bottom:10px>error-screen hrcolor:ddd;margin-top:20px;margin-bottom:20px;border:0;border-top:1px solid #eee>error-screen-visible{display:block}</style><meta http-equiv=Content-Security-Policy content=script-src 'self' cdn.rudderlabs.com/js.stripe.com/v3><script defer=defer src=/static/main.54a384515a331961ca5.js></script><link href=/static/main.4d8065a363175be096.css rel=stylesheet><meta name=apple-mobile-web-app-title content=Mattermost><meta name=apple-mobile-web-app-capable content=yes><meta name=apple-mobile-web-app-status-bar-style content=default><link rel=apple-touch-icon sizes=76x76 href=/static/icon.76x76.png><link rel=apple-touch-icon sizes=72x72 href=/static/icon.72x72.png><link rel=apple-touch-icon sizes=60x60 href=/static/icon.60x60.png><link rel=apple-touch-icon sizes=57x57 href=/static/icon.57x57.png><link rel=apple-touch-icon sizes=152x152 href=/static/icon.152x152.png><link rel=apple-touch-icon sizes=144x144 href=/static/icon.144x144.png></head><body class=not-open><sans-serif><div id=root><div class=error-screen><h2>Cannot connect to Mattermost</h2><hr><hr><p>We're having trouble connecting to Mattermost. If refreshing this page (Ctrl+R or Command+R) does not work, please verify that your computer is connected to the internet.</p><hr><div class=loading-screen style=position:relative><div class=loading_content><div class=round round-1></div><div class=round round-2></div><div class=round round-3></div></div></div></div></div><div id=root-portal></div></script></body></html>
```

Access nginx mattermost page is visible

Mattermost

All team communication in one place,
searchable and accessible anywhere

Let's create your account

Already have an account? [Click here to sign in.](#)

What's your email address?

Valid email required for sign-up

Choose your username

You can use lowercase letters, numbers, periods, dashes, and underscores.

Choose your password

Create Account

By proceeding to create your account and use Mattermost, you agree to our [Terms of Use](#) and [Privacy Policy](#). If you do not agree, please [cancel](#).

In mm.com create subdomain and give mysql ip

Records (4) Info

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

↺

Delete record

Import zone file

Create record

Type ▼

Routing policy ▼

Alias ▼

<

1

>

⚙

<input type="checkbox"/>	Record name ▼	Type ▼	Routin... ▼	Differ... ▼	Alias ▼	Value/Ro...
<input type="checkbox"/>	mm.com	A	Simple	-	No	10.0.4.48
<input type="checkbox"/>	mm.com	NS	Simple	-	No	ns-1536.ay ns-0.awsdi ns-1024.ay ns-512.aw
<input type="checkbox"/>	mm.com	SOA	Simple	-	No	ns-1536.ay
<input type="checkbox"/>	mysql.mm.com	A	Simple	-	No	10.0.4.39

Use domain name instead of ip

```
},
"sqlSettings": {
  "driverName": "mysql",
  "dataSource": "mattermost:mattermost!123@tcp(mysql.mm.com:3306)/mattermost?charset=utf8mb4,utf8\u0026readTimeout=30s\u0026writeTimeout=30s",
  "dataSourceSearchReplicas": [],
  "dataSourceSearchReplicas": [],
  "maxIdleConns": 20,
  "connMaxLifetimeMilliseconds": 3600000,
  "connMaxIdleTimeMilliseconds": 300000,
  "maxOpenConns": 300,
  "trace": false,
  "atRestEncryptKey": "zdsncgwqexsbcktpz5bsaudictjxg3g",
  "queryTimeout": 30,
  "disableDatabaseSearch": false,
  "migrationsStatementTimeoutSeconds": 100000,
  "replicaLagSettings": {}
},
}
```

Access the nginx mattermost page is visible

