

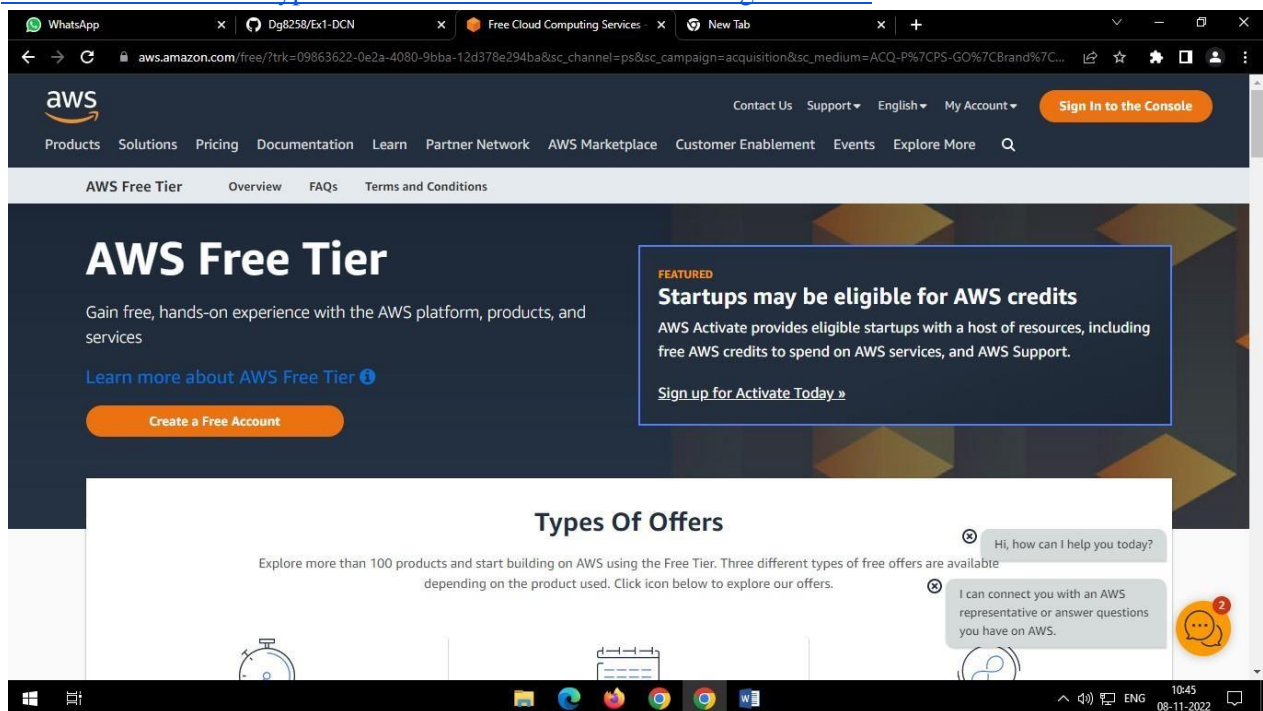
Migrate to Amazon RDS

Piyush kumar

RA2011028010084

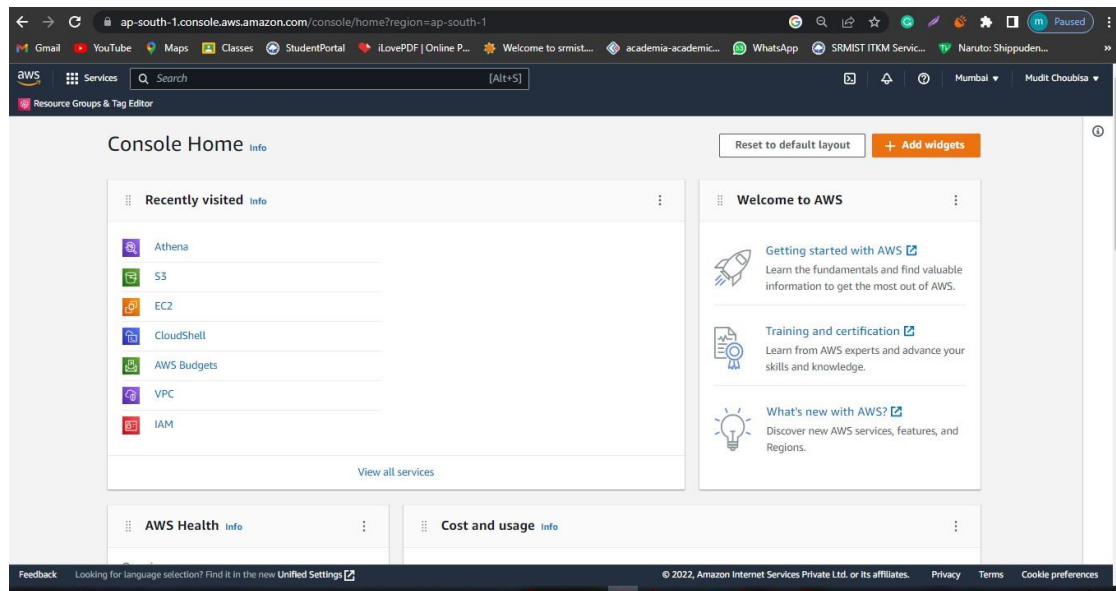
PROCEDURE:

https://aws.amazon.com/free/?trk=09863622-0e2a-4080-9bba-12d378e294ba&sc_channel=ps&sc_campaign=acquisition&sc_medium=ACQ-PPS-GO|Brand|Desktop|SU|AWS|Core|IN|EN|Text&sc_kwid=AL!4422!3!453325185010!e!!g!!aws%20free&ef_id=Cj0KCQjw_7KXBhCoARIsAPdPTfilj_nDXTj072T5S-3j6qaBSDqVs-6FJI1WtuV8Eo3mdZUwcv5_8aArdoEALw_wcB:G:s&sc_kwid=AL!4422!3!453325185010!e!!g!!aws%20free&all-free-tier.sort-by=item.additionalFields.SortRank&all-free-tier.sort-order=asc&awsf.Free%20Tier%20Types=*all&awsf.Free%20Tier%20Categories=*all

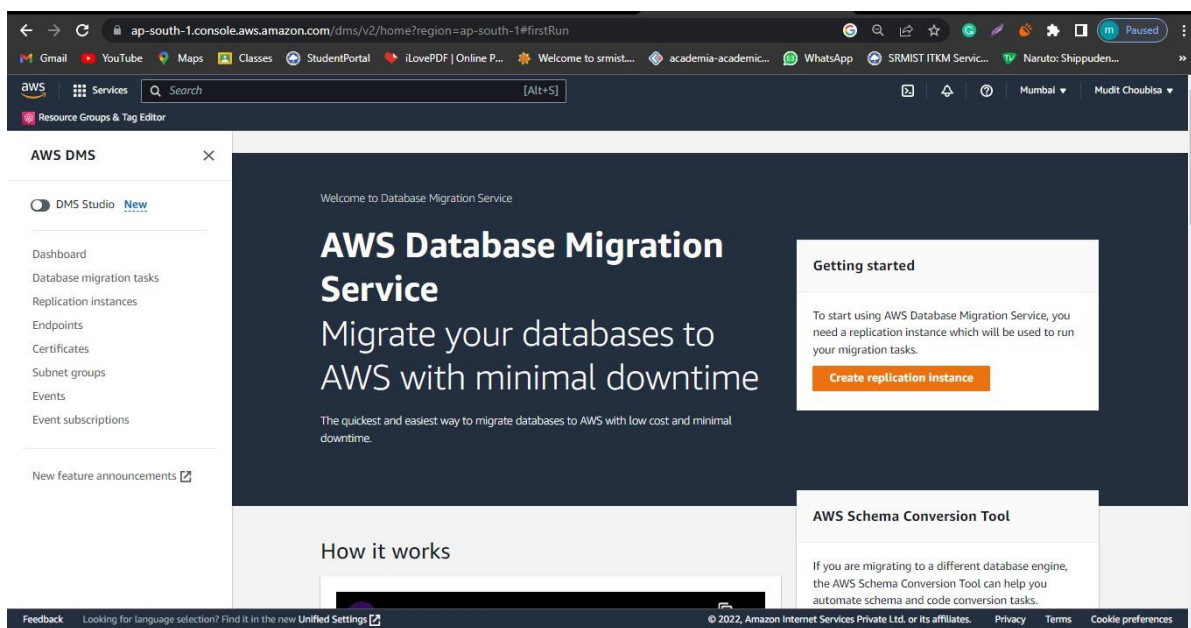


Login to your AWS account

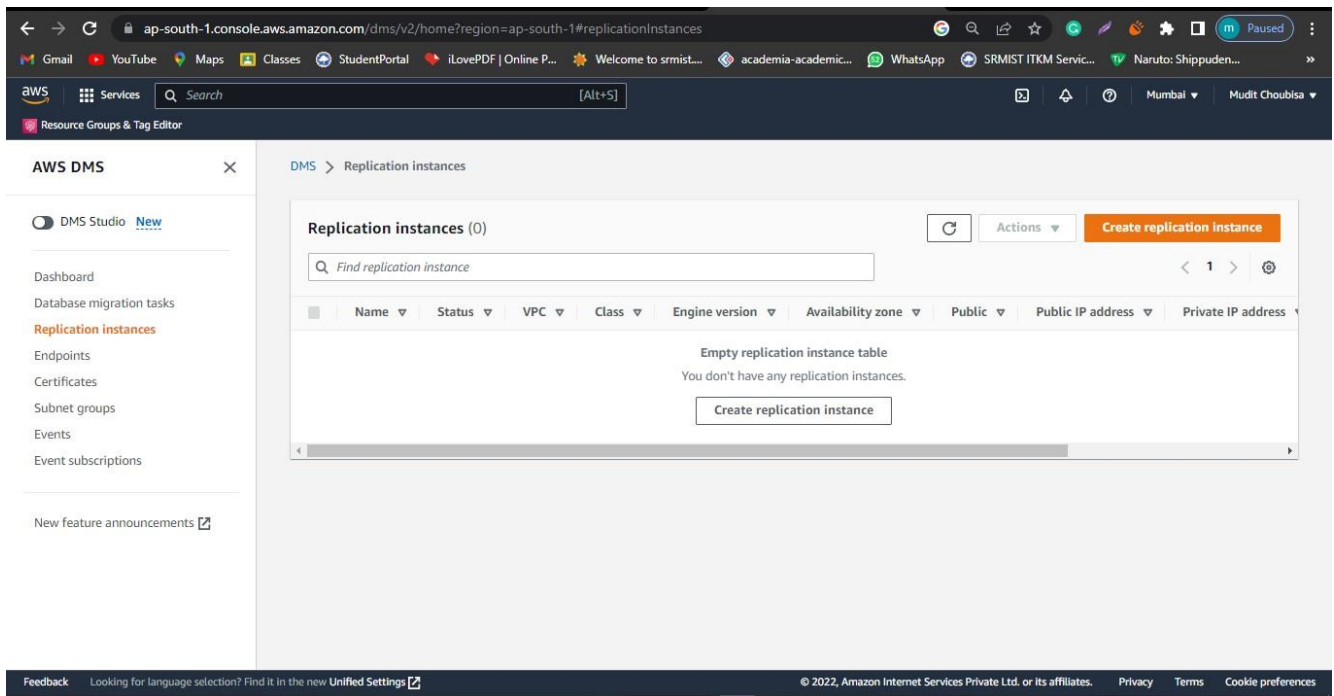
2.



3. Search for DATABASE MANAGEMENT SERVICE

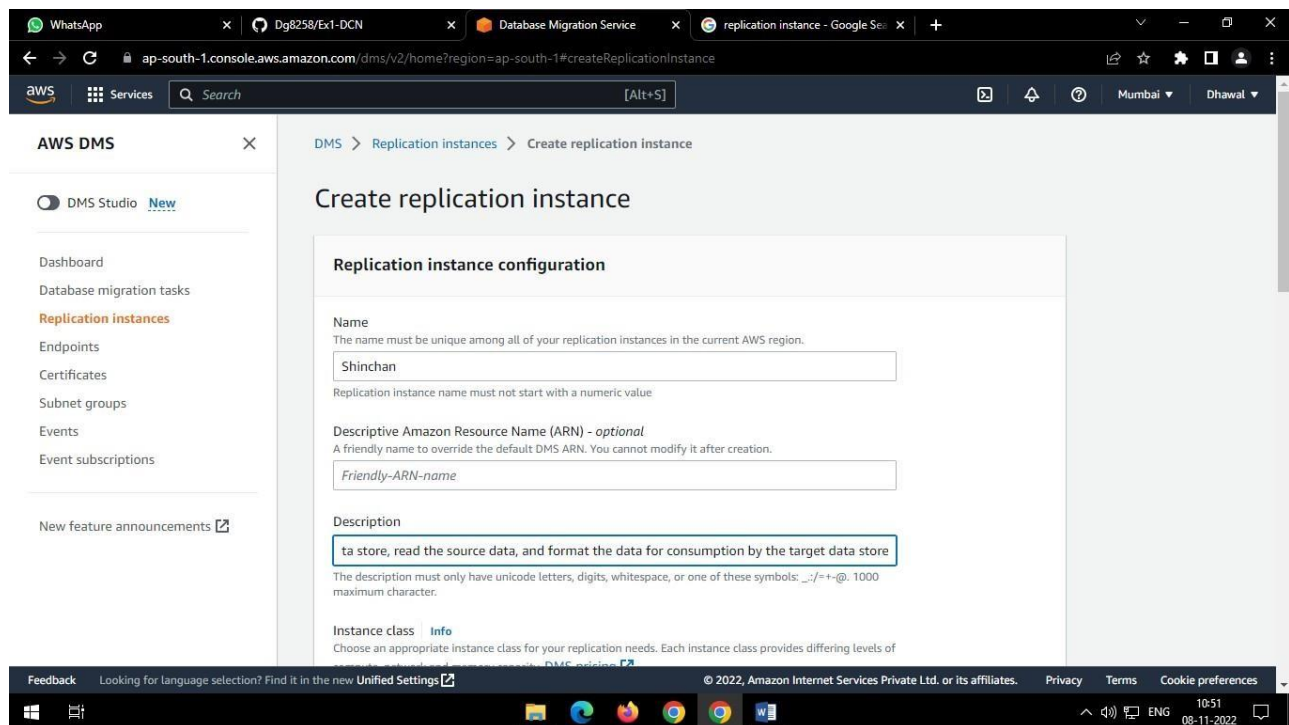


4. Open REPLICATION INSTANCES



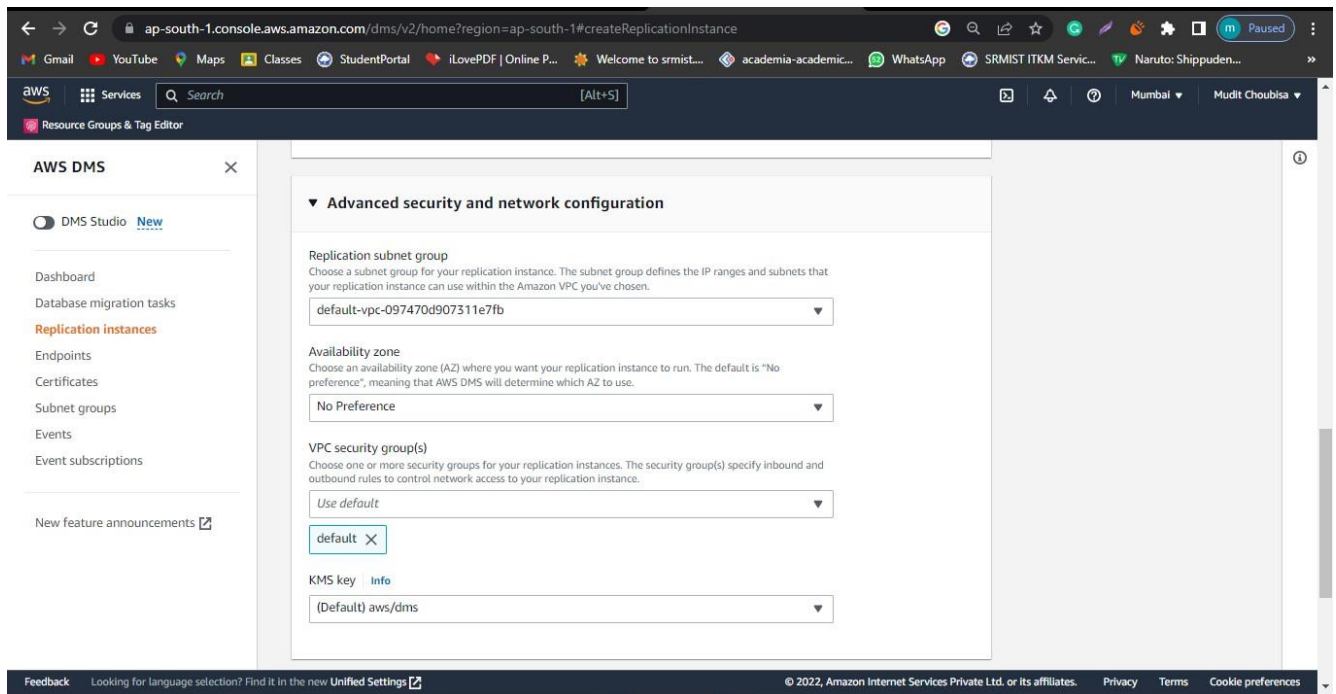
5. Click on CREATE REPLICATION

INSTANCE



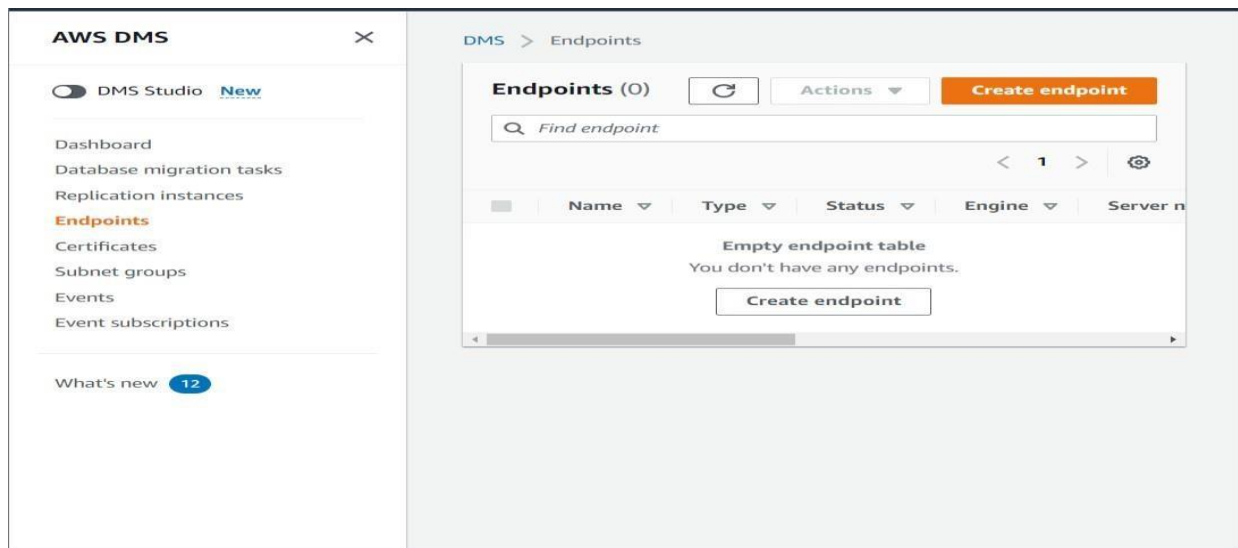
6. Enter your replication instance NAME,

DESCRIPTION



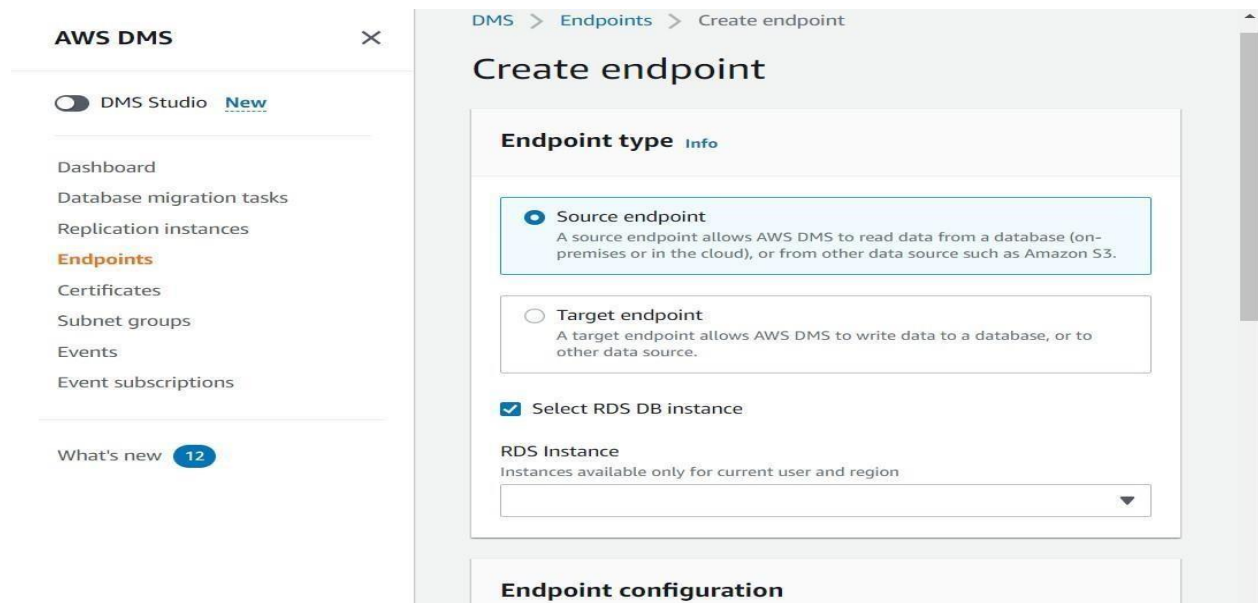
Give the required details and click CREATE

7.



From the console choose ENDPOINTS and create endpoint

8.



Select the ENDPOINT TYPE

9.

AWS DMS

Dashboard

Database migration tasks

Replication instances

Endpoints

Certificates

Subnet groups

Events

Event subscriptions

What's new 12

Notifications

Instances available only for current user and region

source-database

Endpoint configuration

Endpoint identifier Info

A label for the endpoint to help you identify it.

source-database

Descriptive Amazon Resource Name (ARN) - optional

A friendly name to override the default DMS ARN. You cannot modify it after creation.

source-db

Source engine

The type of database engine this endpoint is connected to.

MySQL

Access to endpoint database

☒ Choose AWS Secrets Manager
 ☐ Provide access information manually

Secret ID

Amazon Resource Name (ARN) of the secret used to manage access to your endpoint database. If you need a new secret ARN, create it from

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Source engine

The type of database engine this endpoint is connected to.

MySQL

Access to endpoint database

☐ Choose AWS Secrets Manager
 ☒ Provide access information manually

Server name

source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com

Port

The port the database runs on for this endpoint.

3306

Secure Socket Layer (SSL) mode

The type of Secure Socket Layer enforcement

none

User name Info

admin

Password Info

Endpoint settings

AWS DMS

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source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com

Port

The port the database runs on for this endpoint.

3306

Secure Socket Layer (SSL) mode

The type of Secure Socket Layer enforcement

none

User name Info

admin

Password Info

Endpoint settings

Define additional specific settings for your endpoints using wizard or editor. [Learn more](#)

☒ Wizard
 ☐ Editor

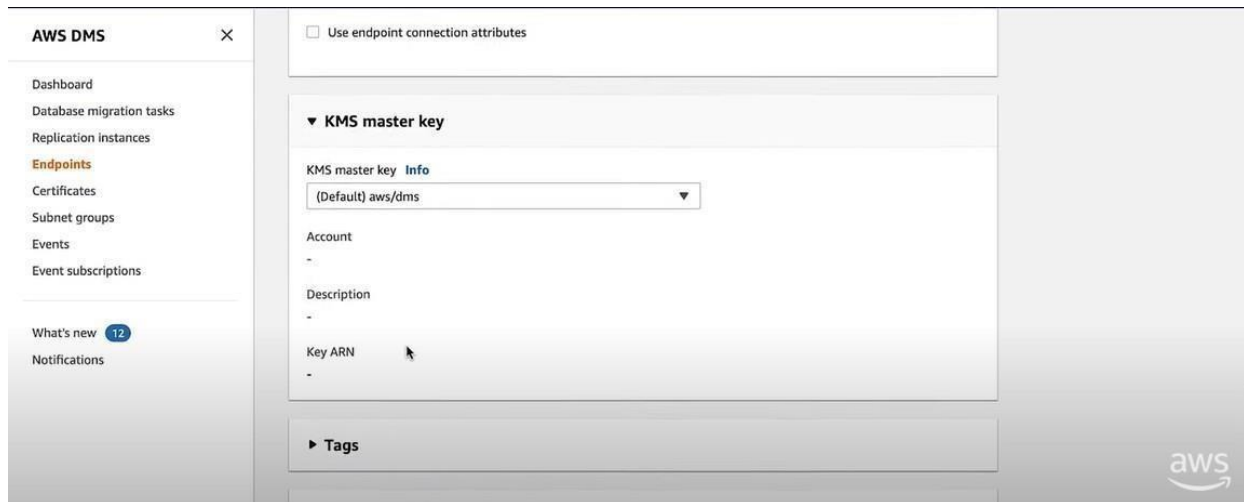
Enter endpoint settings using the guided user interface.

Enter endpoint settings in JSON format.

Endpoint settings

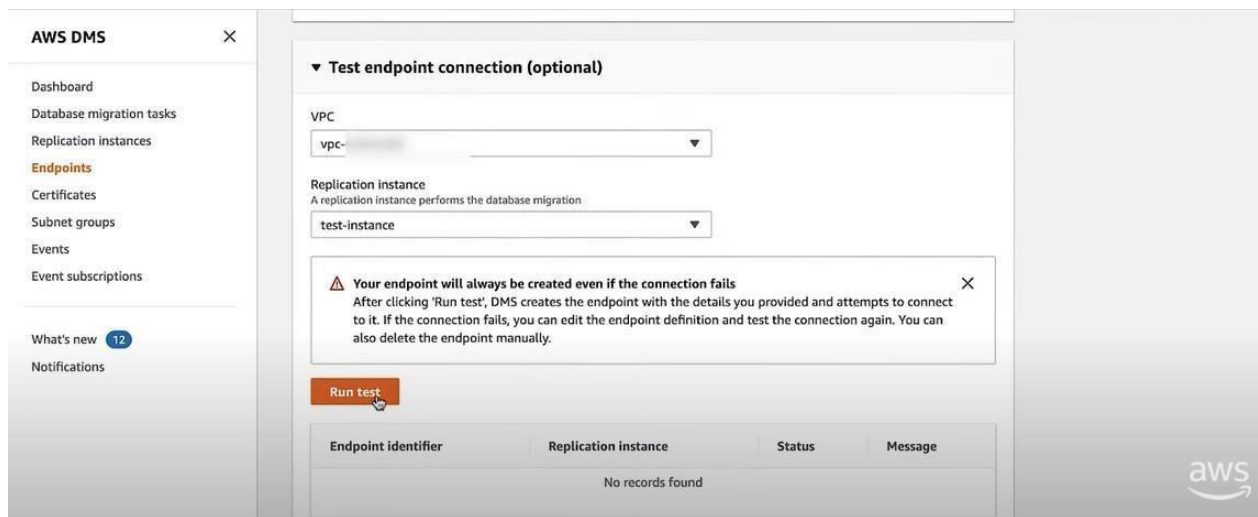
Add new setting

☐ Use endpoint connection attributes

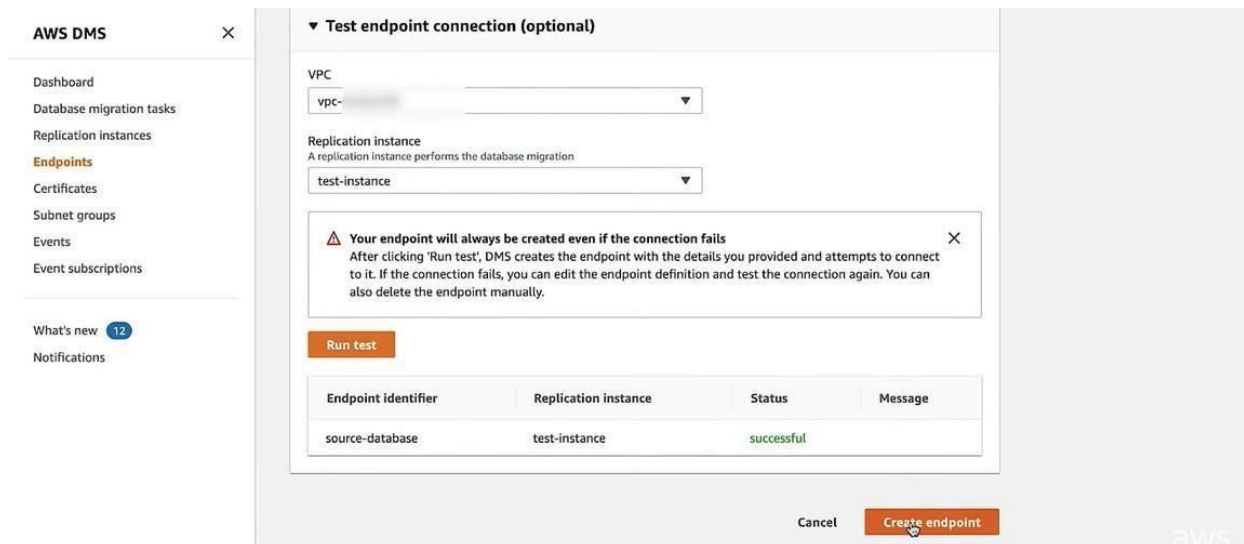


Give the required information

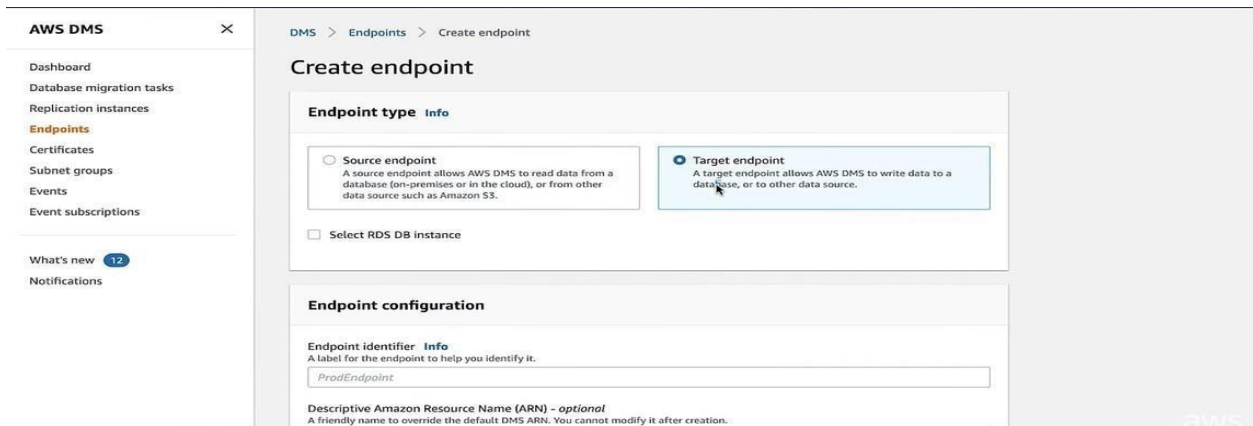
10.



Choose RUN TEST button and when the status is successful click on CREATE ENDPOINT

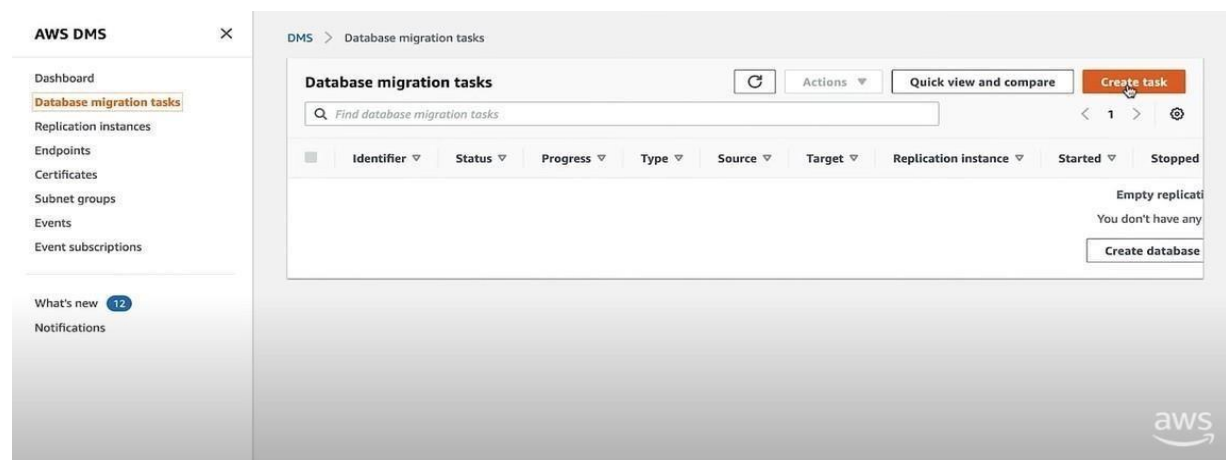


11.



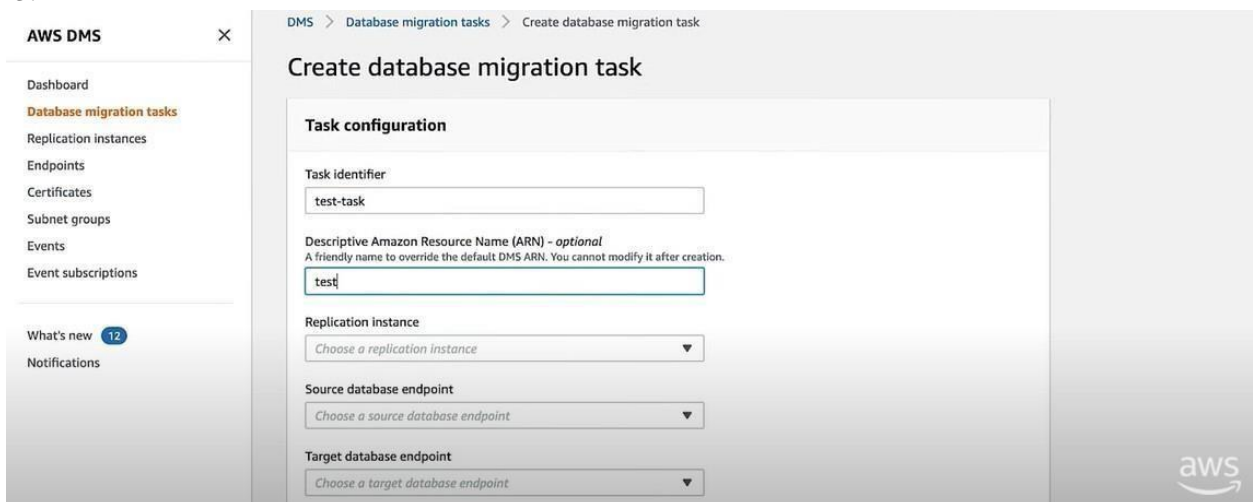
Repeat the above steps to create an instance but this ENDPOINT TYPE is Target endpoint

12.



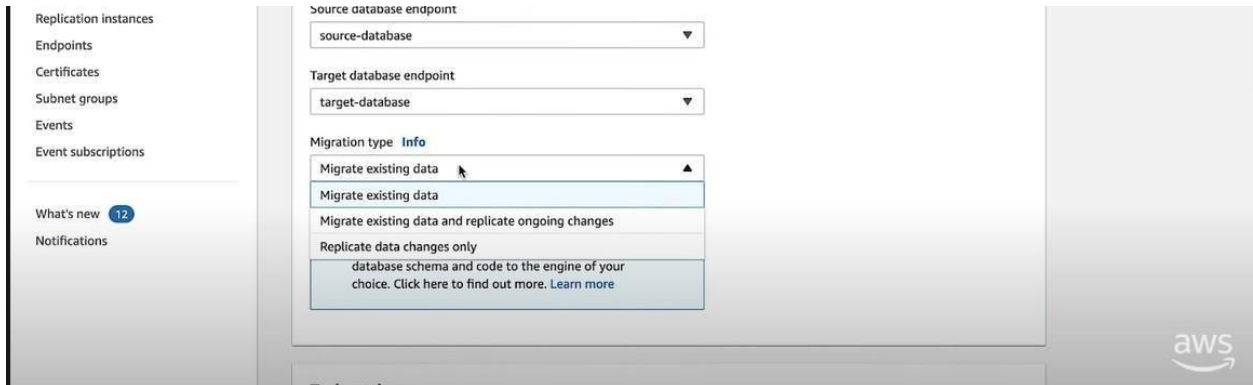
Choose the DATABASE MIGRATION TASKS on the console and choose CREATE TASK

13.



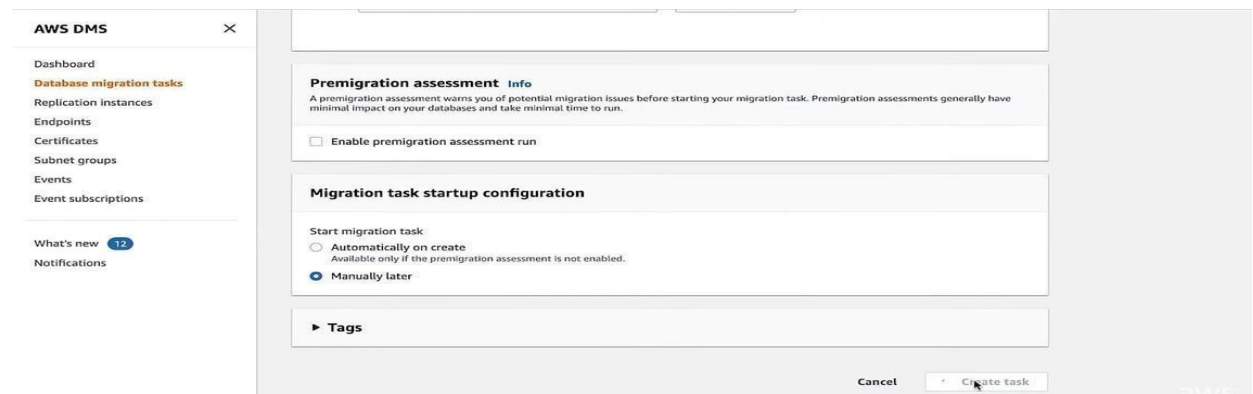
Create the task by giving required details

14.



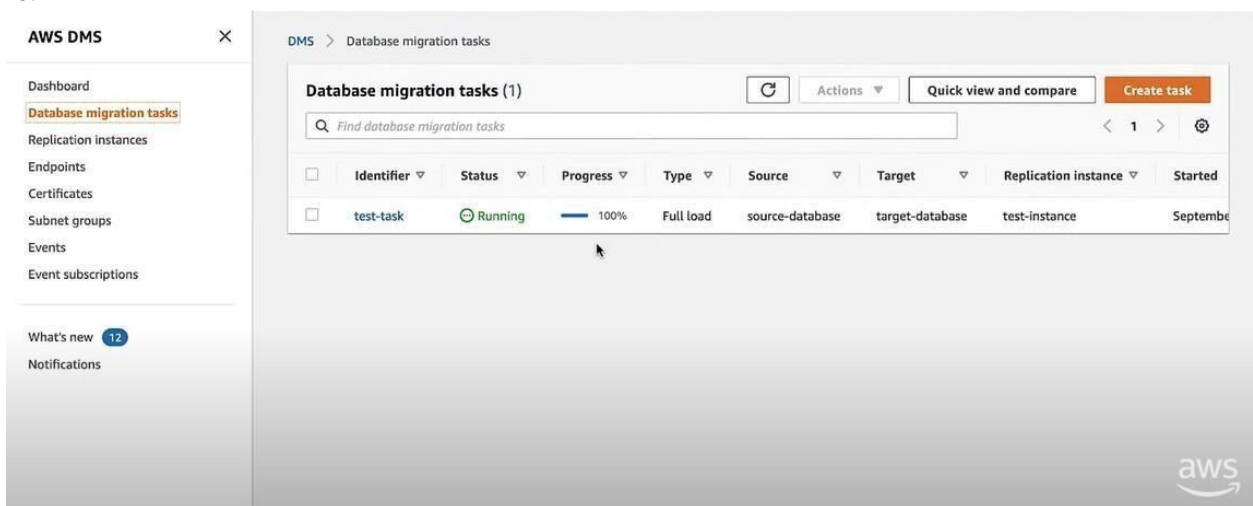
Click on Migrate existing data for one time migration and in task setting update the fields as required.

15.



After giving the required details choose create task.

16.



Run the task.

17.

AWS DMS × **test-task** 🔄 Actions ▼ Quick view and compare View logs 📄

Summary

Status 🟢 Load complete	Type Full load	Source source-database	Target target-database
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Overview details | **Table statistics** | CloudWatch metrics | Mapping rules | Premigration assessments | Tags

Table statistics (1) 🔄 Validate again Reload table data

Total rows include loaded source table rows from Inserts, Deletes, Updates, DDLs, and Full load rows.

Validation pending ▼	Validation failed ▼	Validation suspended ▼	Validation details	Last updated ▼
0	0	0		September 23, 2021, 12:37:42 (UTC-05:30)

Click on the task and click TABLE STATISTICS to view the successfully completed tasks.

