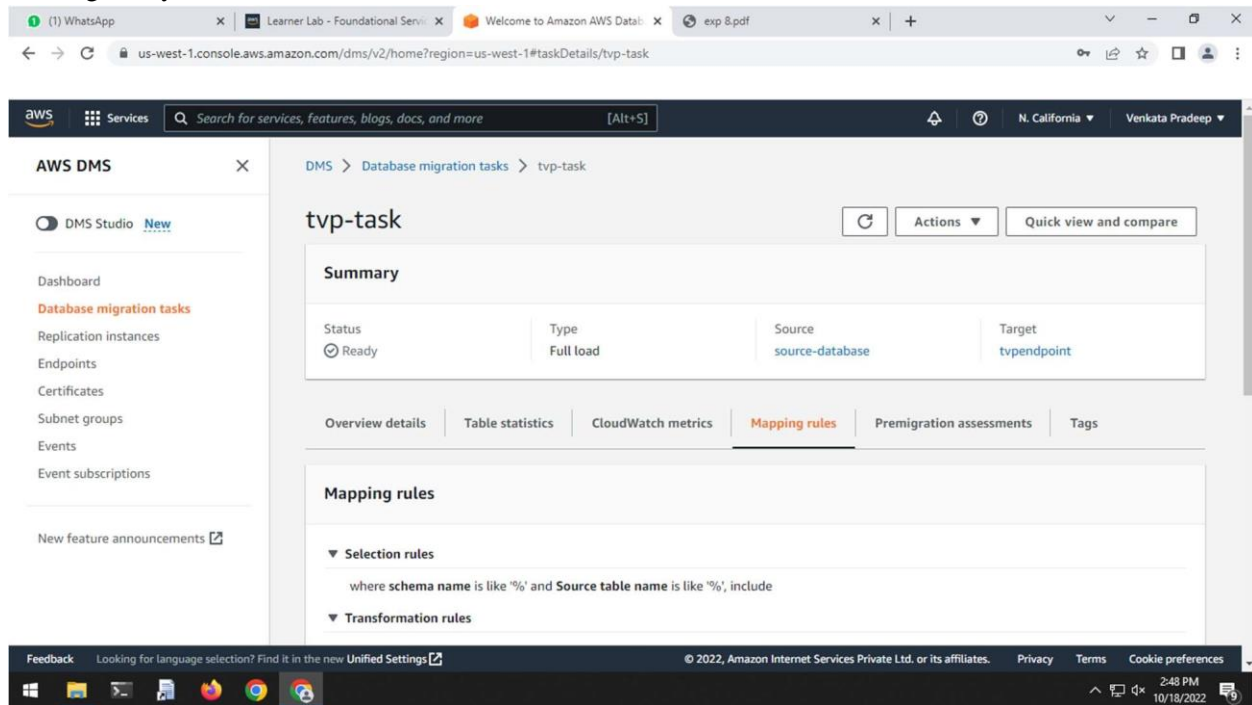


# PROCEDURE OF MIGRATE TO AMAZON RDS

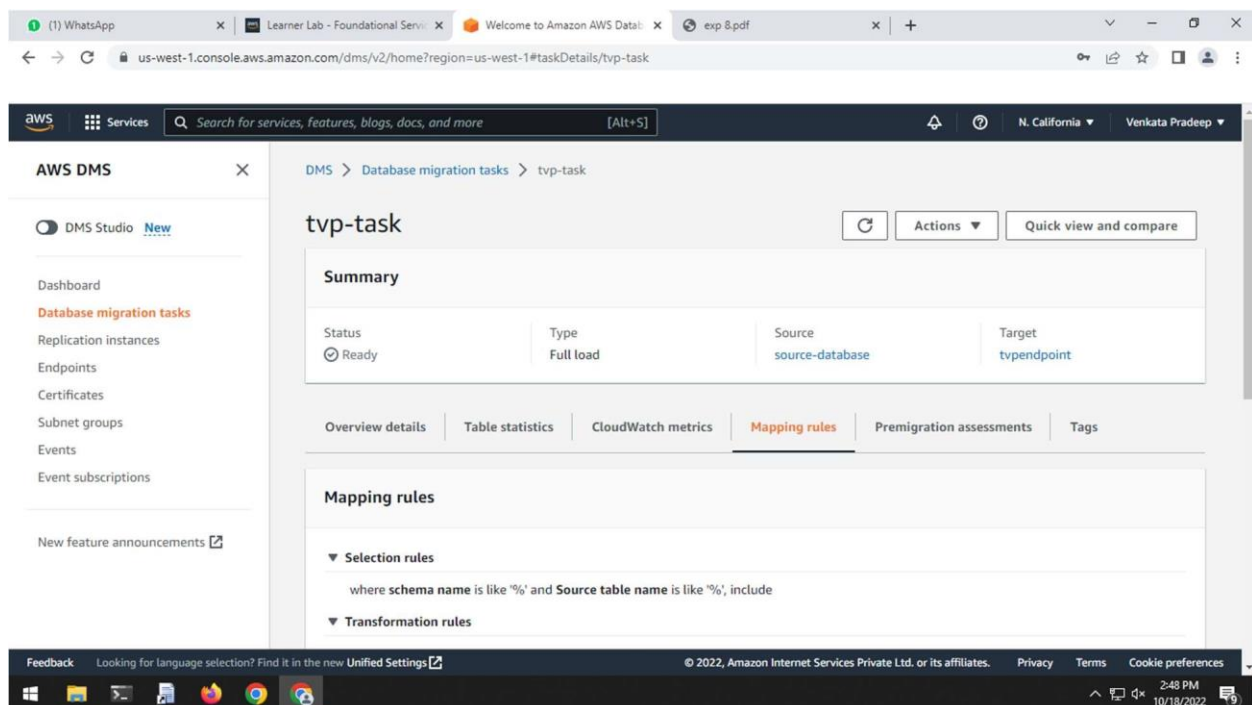
RA2011028010075

K BHARGAV SANDEEP

## 1. Login to your AWS account



## 2. Search for DATABASE MANAGEMENT SERVICE



us-west-1.console.aws.amazon.com/dms/v2/home?region=us-west-1#taskDetails/tvp-task

aws Services Search for services, features, blogs, docs, and more [Alt+S] N. California Venkata Pradeep

**AWS DMS**

DMS Studio New

Dashboard  
Database migration tasks  
Replication instances  
Endpoints  
Certificates  
Subnet groups  
Events  
Event subscriptions

New feature announcements

DMS > Database migration tasks > tvp-task

tvp-task

Summary

Status	Type	Source	Target
Ready	Full load	source-database	tvpendpoint

Overview details | Table statistics | CloudWatch metrics | **Mapping rules** | Premigration assessments | Tags

**Mapping rules**

Selection rules

where schema name is like '%' and Source table name is like '%', include

Transformation rules

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### 3. Open REPLICATION INSTANCES

us-west-1.console.aws.amazon.com/dms/v2/home?region=us-west-1#taskDetails/tvp-task

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**Mapping rules**

Selection rules

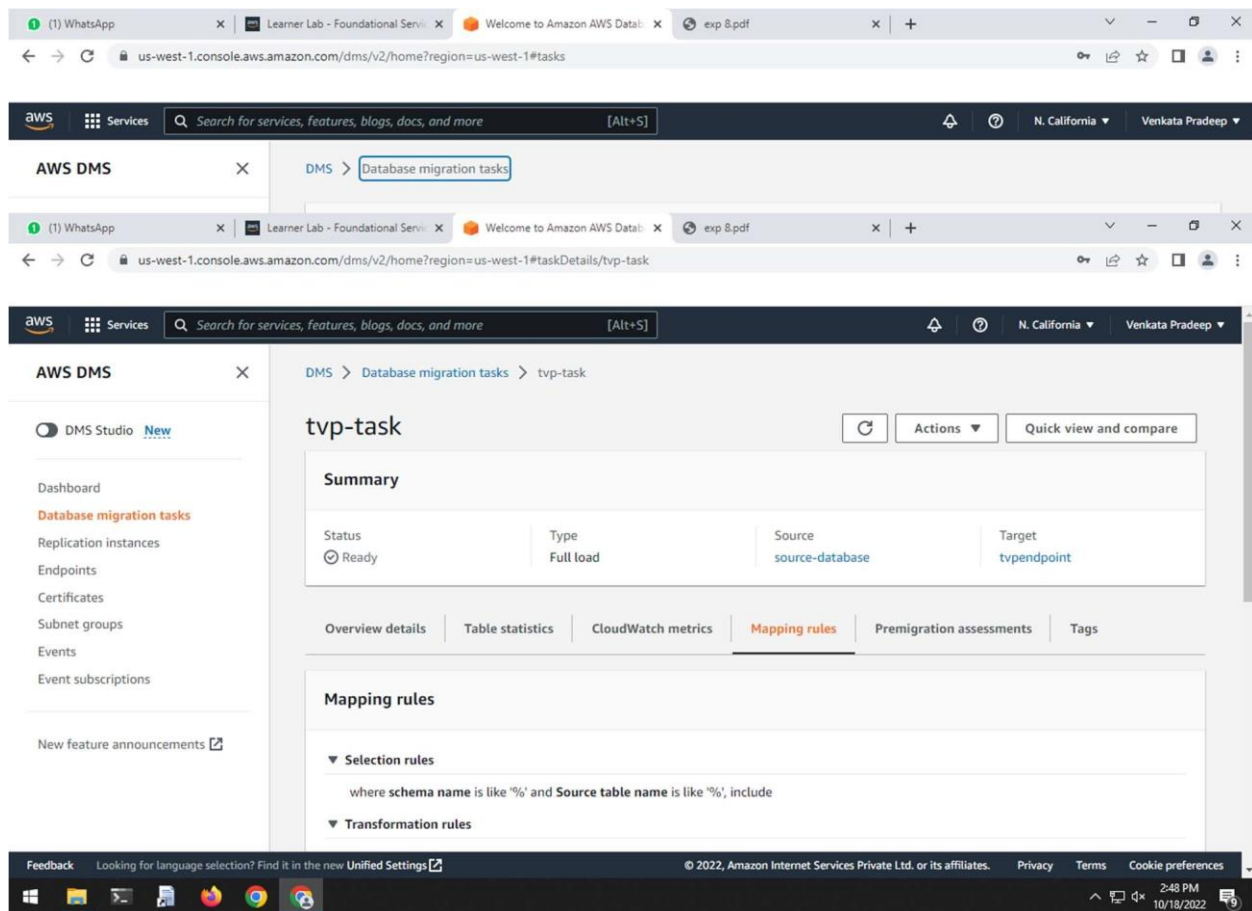
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4. Click on CREATE REPLICATION INSTANCE
5. Enter your replication instance NAME, DESCRIPTION

us-west-1.console.aws.amazon.com/dms/v2/home?region=us-west-1#replicationInstances

**AWS DMS**

DMS Studio **New**

- Dashboard
- Database migration tasks
- Replication instances**
- Endpoints
- Certificates
- Subnet groups
- Events
- Event subscriptions

New feature announcements

**Replication instances (1)**

Find replication instance

	Name	Status	VPC	Class	Engine version	Availability zone
<input type="checkbox"/>	pradeep-instance	Available	vpc-0f779c7749d989185	dms.t3.medium	3.4.7	us-west-1a

Upgrades to versions 3.4.7 and higher

You have 1 instance that uses AWS DMS version 3.4.7. Upgrades to AWS DMS versions 3.4.7 and higher require that you configure AWS DMS to use VPC endpoints or use public routes. This requirement applies to source and target endpoints for these data stores: S3, Kinesis, Secrets Manager, DynamoDB, Amazon Redshift, and OpenSearch Service. [Learn more](#)

[View endpoints](#)

[Create replication instance](#)

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6. Give the required details and click CREATE

us-west-1.console.aws.amazon.com/dms/v2/home?region=us-west-1#endpointDetails/source-database

**AWS DMS**

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New feature announcements

**source-database**

Overview details | Connections | Schemas | Endpoint settings | Tags

**Details**

Endpoint ARN	Status
arn:aws:dms:us-west-1:864550822886:endpoint:ECOXLOWU2FLFFKZOPNXL2CDITFDMUH H2X3MMIY	Active
Endpoint engine	SSL mode
MySQL	None
Endpoint type	Server name
Source	source-database.c39ashlumfg.us-west-1.rds.amazonaws.com
User name	Port
venkata.pradeep	3306

Extra connection attributes

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Browser tabs: (1) WhatsApp, Learner Lab - Foundational Servi..., Welcome to Amazon AWS Data..., exp 8.pdf

Address bar: us-west-1.console.aws.amazon.com/dms/v2/home?region=us-west-1#endpointList

AWS Services Search: Search for services, features, blogs, docs, and more [Alt+S]

Location: N. California | User: Venkata Pradeep

**AWS DMS**

- DMS Studio **New**
- Dashboard
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- New feature announcements

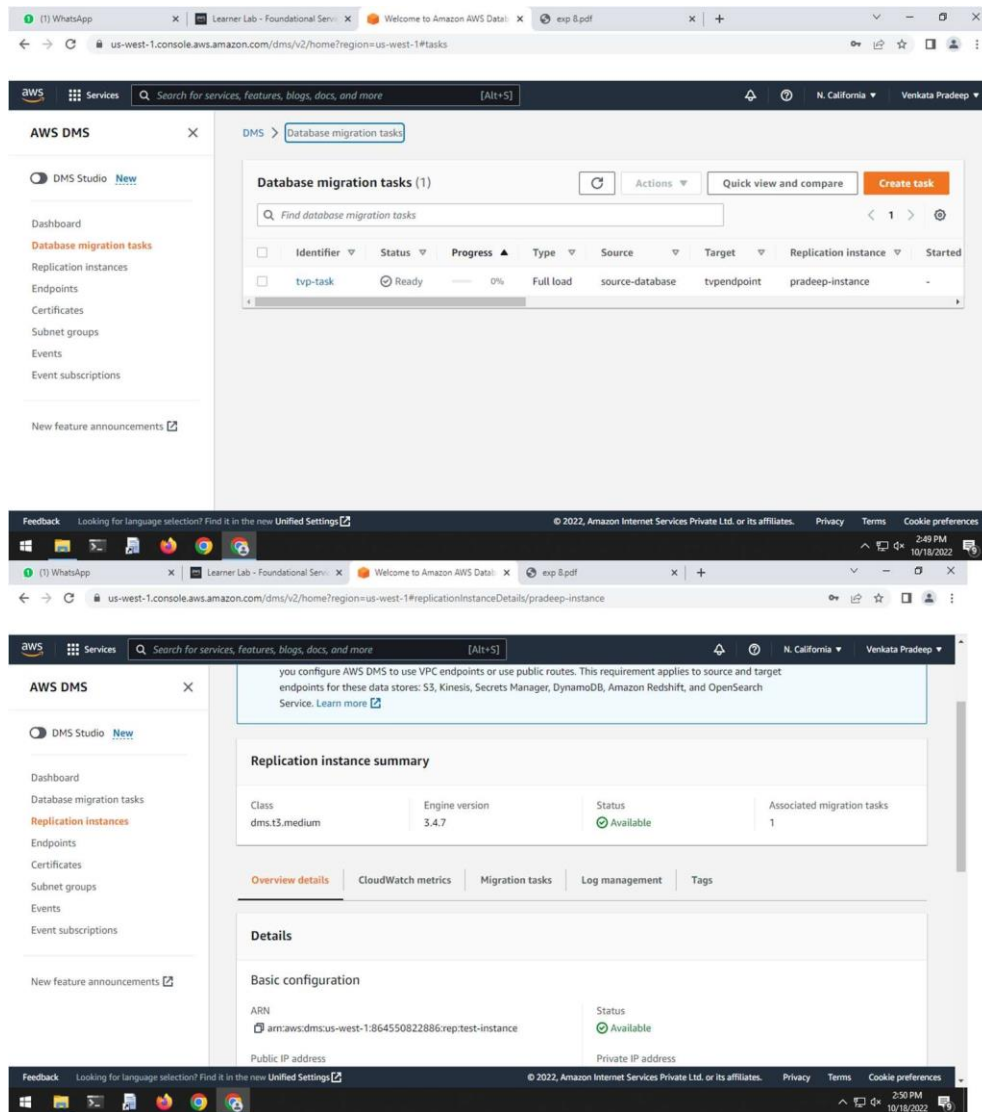
**Endpoints (2)**

Find endpoint

	Name	Type	Status	Engine	Server name	Port
<input type="checkbox"/>	source-database	Source	Active	MySQL	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com	3306
<input type="checkbox"/>	tvpendpoint	Target	Active	MySQL	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com	3306

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7. From the console choose ENDPOINTS and create endpoint



8. Select the ENDPOINT TYPE

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

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

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

12. Create the task by giving required details

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

14. After giving the required details choose create task.

15. Run the task.

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

**RESULT:**

Finally, we have done migration to Amazon RDS.