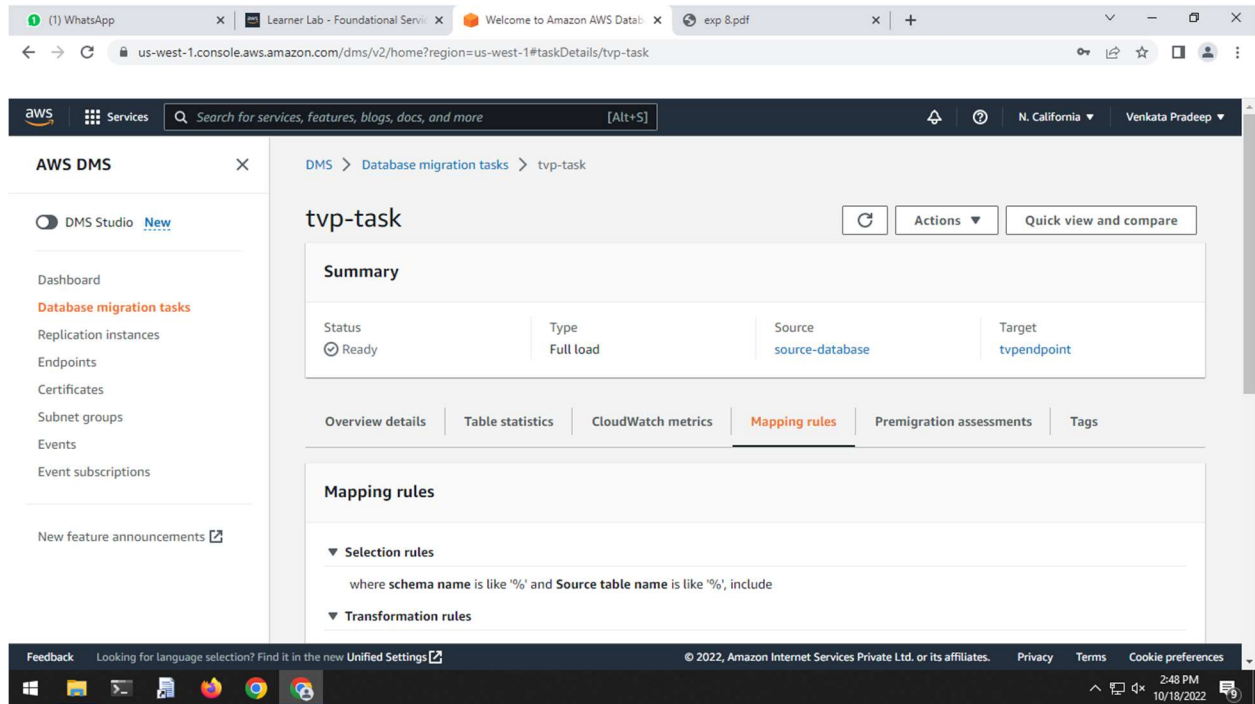


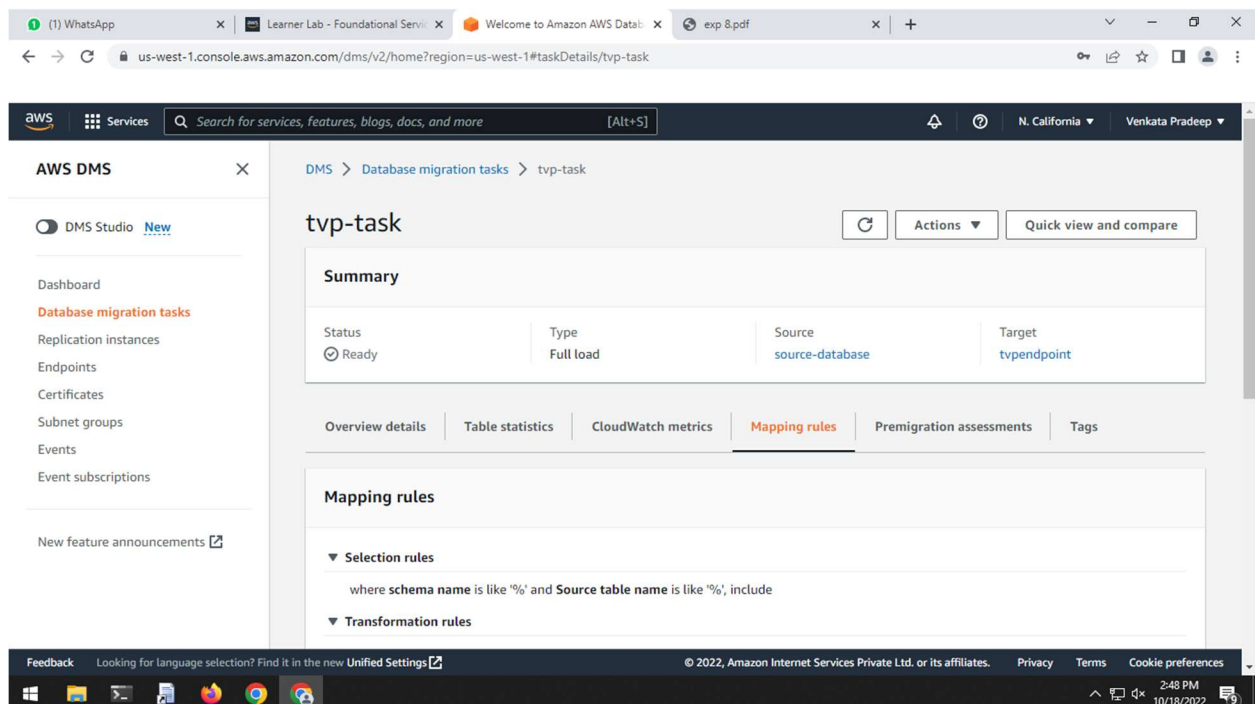
# PROCEDURE OF MIGRATE TO AMAZON RDS

RA2011028010063  
S. Nitin Kumar

## 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 DMS**

DMS Studio [New](#)

Dashboard

**Database migration tasks**

Replication instances

Endpoints

Certificates

Subnet groups

Events

Event subscriptions

New feature announcements

**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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The screenshot shows the AWS DMS console interface. The top navigation bar includes the AWS logo, a search bar, and user information (N. California, Venkata Pradeep). The left sidebar contains navigation links for AWS DMS, including 'Dashboard', 'Database migration tasks' (highlighted), 'Replication instances', 'Endpoints', 'Certificates', 'Subnet groups', 'Events', 'Event subscriptions', and 'New feature announcements'. The main content area displays the 'tvp-task' details. The 'Summary' section shows the task is 'Ready', of type 'Full load', with source 'source-database' and target 'tvpendpoint'. Below this, the 'Mapping rules' section is expanded, showing 'Selection rules' with the text 'where schema name is like '%' and Source table name is like %', include'. The bottom of the page features a footer with 'Feedback', 'Looking for language selection? Find it in the new Unified Settings', copyright information, and links for 'Privacy', 'Terms', and 'Cookie preferences'. The Windows taskbar at the bottom shows the time as 2:48 PM on 10/18/2022.

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

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- Dashboard
- Database migration tasks
- Replication instances**
- Endpoints
- Certificates
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- Events
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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

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New feature announcements [↗](#)

**source-database**

[Overview details](#) [Connections](#) [Schemas](#) [Endpoint settings](#) [Tags](#)

**Details**

Endpoint ARN	arn:aws:dms:us-west-1:864550822886:endpoint:ECOXLOWU2FLFFKOZOPNXL2CDITFDMUH H2X3MMIY	Status	Active
Endpoint engine	MySQL	SSL mode	None
Endpoint type	Source	Server name	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com
User name	venkata pradeep	Port	3306
Extra connection attributes			

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

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

**AWS DMS** ×

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**Endpoints (2)** [Refresh](#) [Actions](#) [Create endpoint](#)

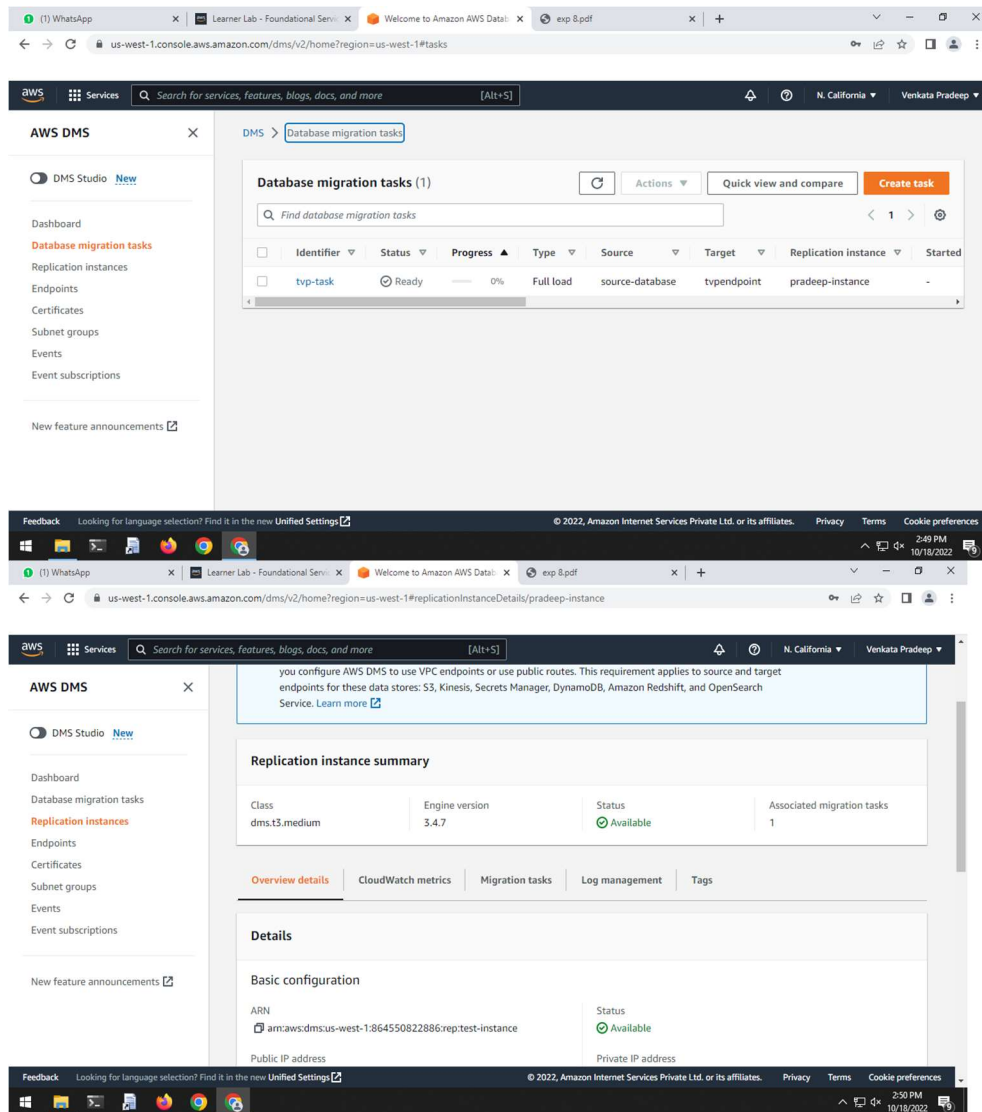
<input type="checkbox"/>	Name	Type	Status	Engine	Server name	Port
<input type="checkbox"/>	source-database	Source	Active	MySQL	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com	3306
<input type="checkbox"/>	tvpendpoint	Target	Active	MySQL	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com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