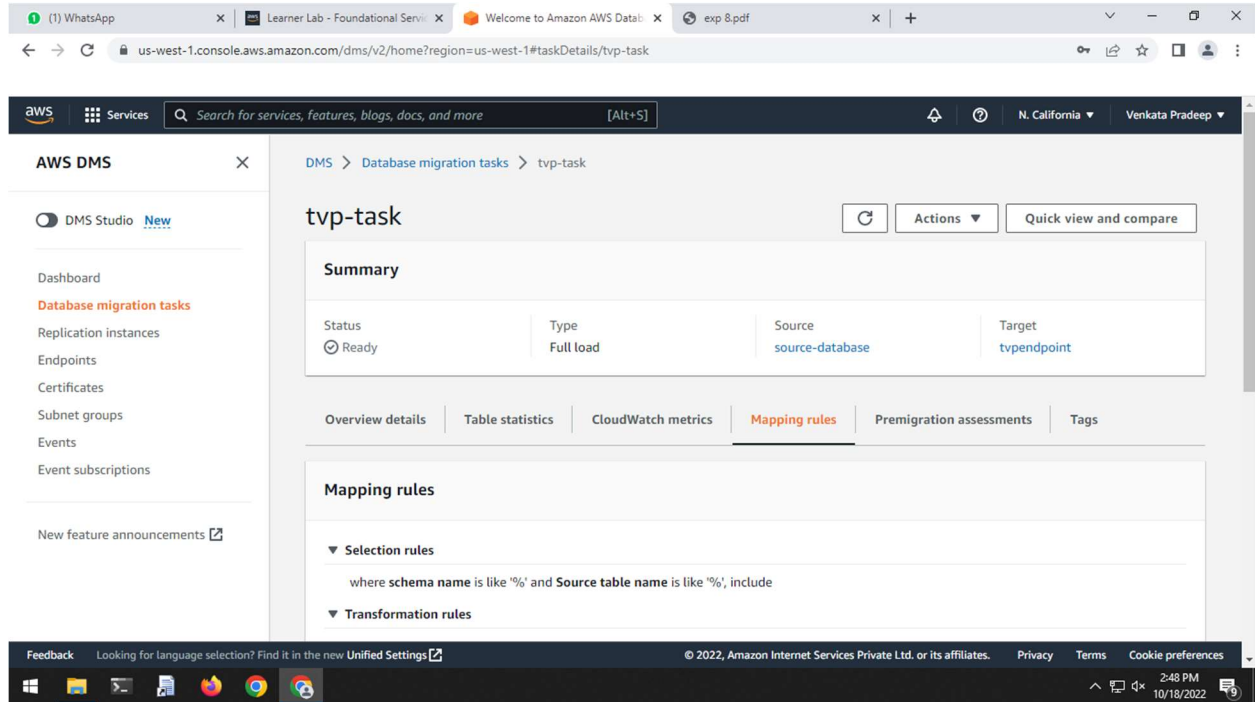


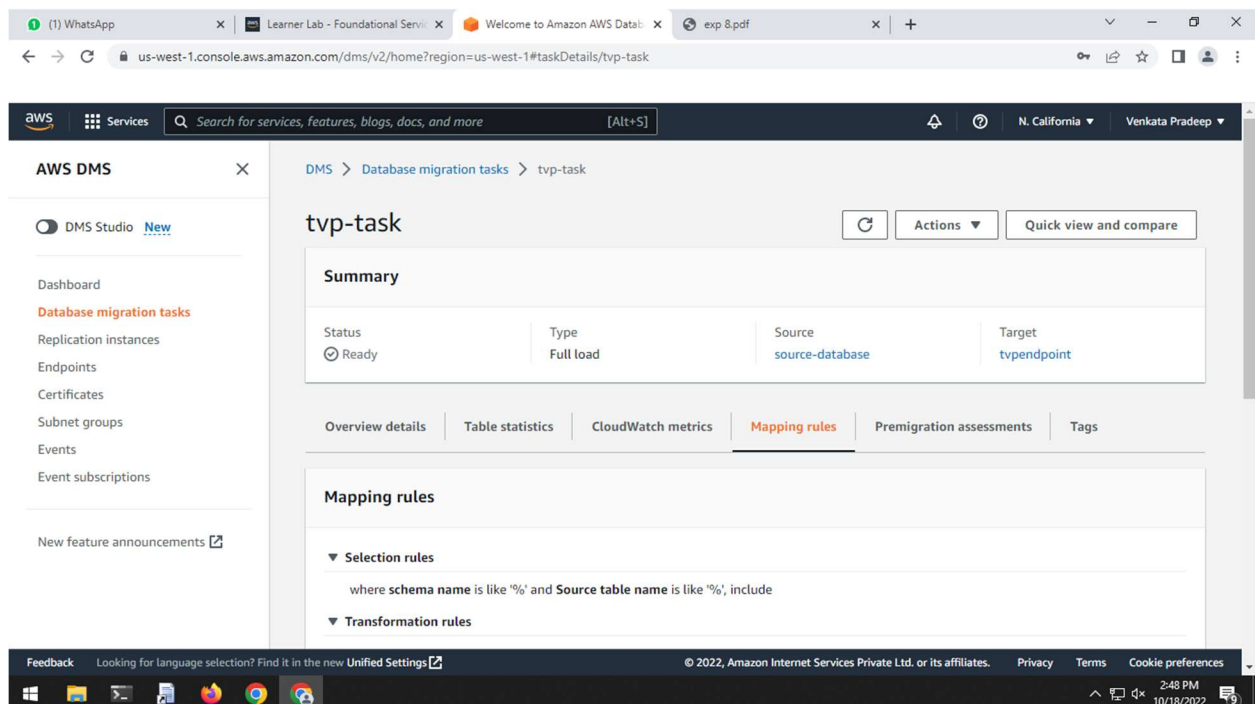
PROCEDURE OF MIGRATE TO AMAZON RDS

RA2011028010059
Chinta Pradeep

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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The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, a search bar, and the user's name 'Venkata Pradeep'. The left sidebar shows the 'AWS DMS' menu with options like 'DMS Studio', 'Dashboard', 'Database migration tasks', 'Replication instances', 'Endpoints', 'Certificates', 'Subnet groups', 'Events', and 'Event subscriptions'. The main content area is titled 'Database migration tasks' and shows a specific task named 'tvp-task'. The task's status is 'Ready', type is 'Full load', source is 'source-database', and target is 'tvpendpoint'. Below this, there are tabs for 'Overview details', 'Table statistics', 'CloudWatch metrics', 'Mapping rules', 'Premigration assessments', and 'Tags'. The 'Mapping rules' tab is selected, showing 'Selection rules' and 'Transformation rules'. The 'Selection rules' section contains the text: 'where schema name is like '%' and Source table name is like %', include'. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 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

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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- Subnet groups
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- Event subscriptions

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

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AWS DMS

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New feature announcements

Endpoints (2)

Find endpoint

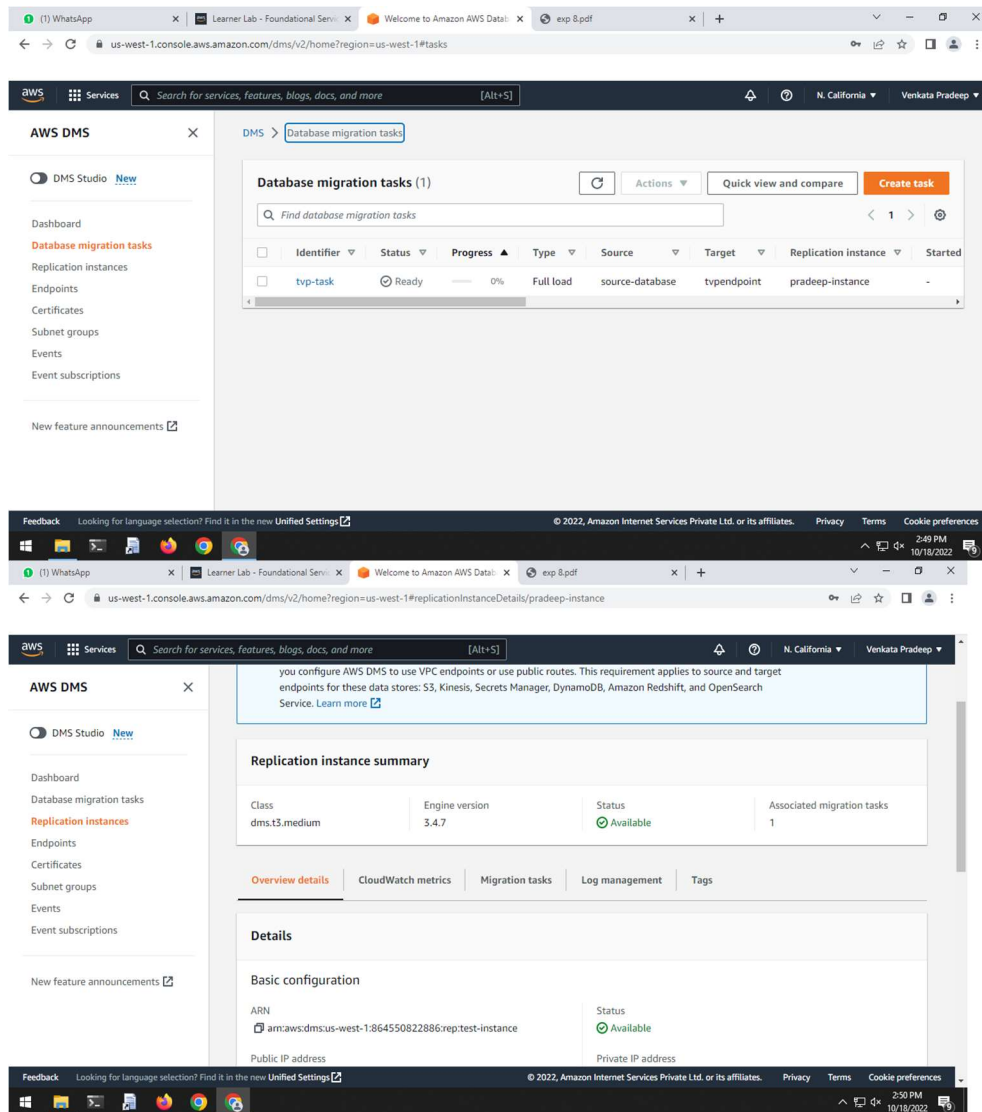
	Name	Type	Status	Engine	Server name	Port
<input type="checkbox"/>	source-database	Source	Active	MySQL	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com	3306
<input type="checkbox"/>	tvpendpoint	Target	Active	MySQL	source-database.c39ashxlumfg.us-west-1.rds.amazonaws.com	3306

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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.