

## PROCEDURE OF MIGRATE TO AMAZON RDS

### 1. Login to your AWS account

The screenshot displays the AWS DMS console interface. On the left is a navigation sidebar with options like 'Dashboard', 'Database migration tasks', 'Replication instances', 'Endpoints', 'Certificates', 'Subnet groups', 'Events', 'Event subscriptions', and 'New feature announcements'. The main content area shows the 'tvp-task' details. At the top, there's a breadcrumb 'DMS > Database migration tasks > tvp-task' and buttons for 'Refresh', 'Actions', and 'Quick view and compare'. Below this is a 'Summary' section with a table:

Status	Type	Source	Target
Ready	Full load	source-database	tvpendpoint

Below the summary is a tabbed interface with 'Mapping rules' selected. It shows 'Selection rules' with the text 'where schema name is like %' and Source table name is like %, include' and 'Transformation rules'.

At the bottom of the console, there's a footer with 'Feedback', a language selection link, copyright information '© 2022, Amazon Internet Services Private Ltd. or its affiliates.', and links for 'Privacy', 'Terms', and 'Cookie preferences'.

### 2. Search for DATABASE MANAGEMENT SERVICE

This screenshot is identical to the one above, showing the AWS DMS console for the 'tvp-task'. It includes the same navigation sidebar, breadcrumb, summary table, mapping rules section, and footer.

AWS DMS

DMS Studio

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

Feedback

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### 3. Open REPLICATION INSTANCES

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tvp-task

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### 4. Click on CREATE REPLICATION INSTANCE

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## 5. Enter your replication instance NAME, DESCRIPTION

**AWS DMS** X

DMS > Replication instances

**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](#)

**Replication instances (1)** [Refresh](#) [Actions](#) [Create replication instance](#)

<input type="checkbox"/>	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

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## 6. Give the required details and click CREATE

**AWS DMS** X

DMS > Endpoints > source-database

**source-database** [Refresh](#) [Actions](#)

[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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DMS > Endpoints

Endpoints (2)

Find endpoint

< 1 >

Actions

Create 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

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DMS > Database migration tasks

Database migration tasks (1)

Find database migration tasks

< 1 >

Actions

Quick view and compare

Create task

	Identifier	Status	Progress	Type	Source	Target	Replication instance	Started
<input type="checkbox"/>	tvp-task	Ready	0%	Full load	source-database	tvpendpoint	pradeep-instance	-

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Replication instance summary

Class	Engine version	Status	Associated migration tasks
dms.t3.medium	3.4.7	Available	1

Overview details CloudWatch metrics Migration tasks Log management Tags

Details

Basic configuration

ARN	Status
arn:aws:dms:us-west-1:864550822886:rep:test-instance	Available
Public IP address	Private IP address

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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.