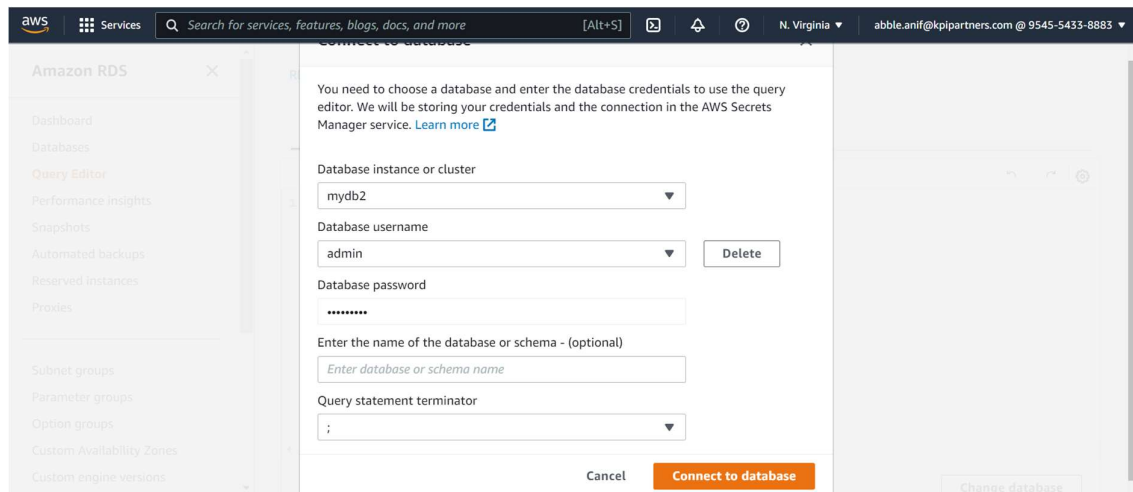
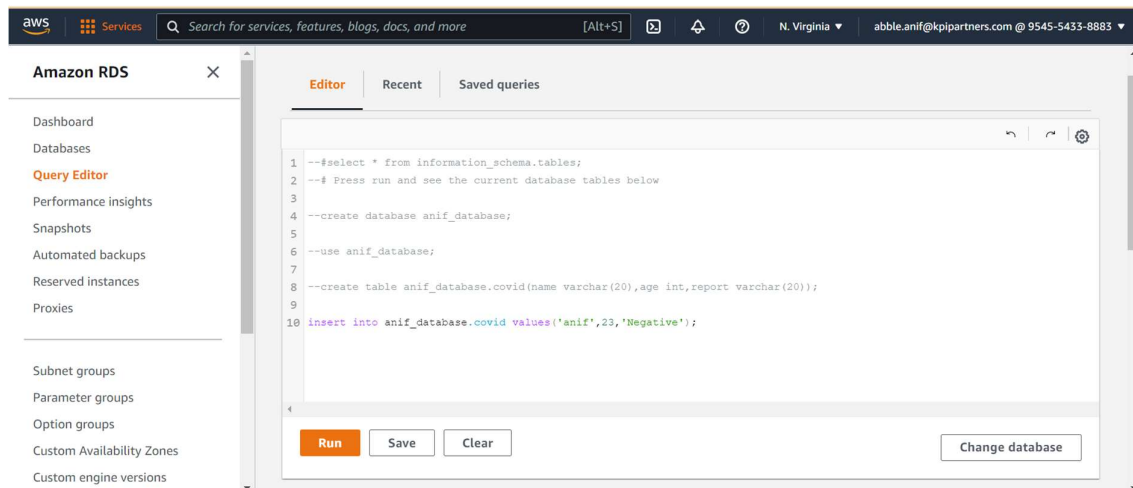


CREATING STEPS FOR - RDS

Connect to database

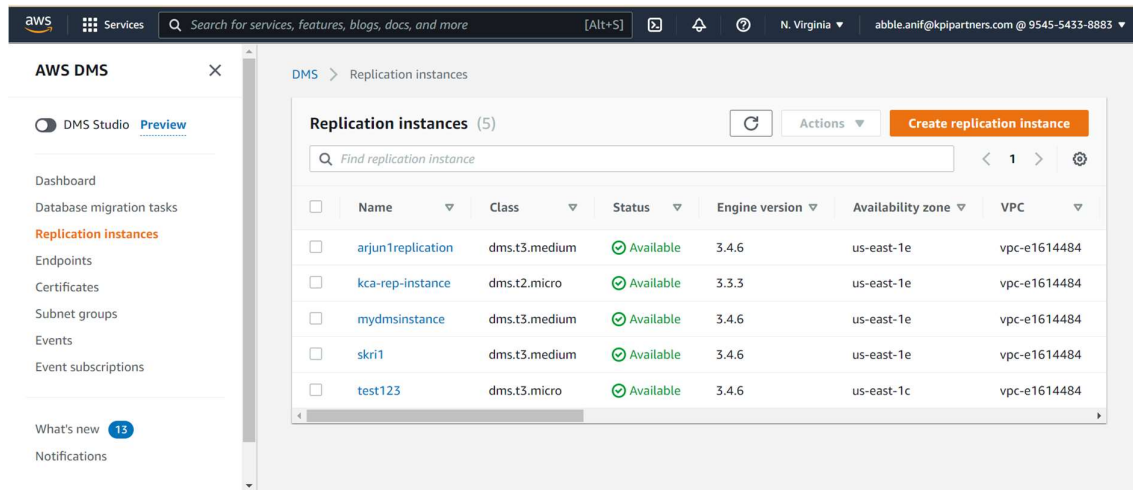


- Create database
- Create table
- Insert values



CREATING STEPS -DMS

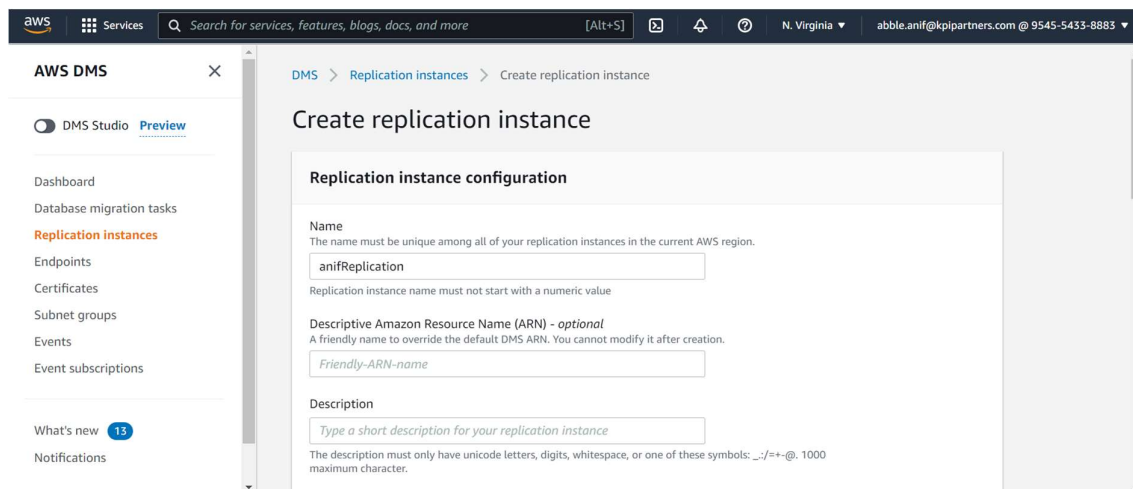
1.Choose Replication Instance



The screenshot shows the AWS DMS console interface. On the left is a navigation sidebar with options like DMS Studio, Dashboard, Database migration tasks, Replication instances (highlighted), Endpoints, Certificates, Subnet groups, Events, and Event subscriptions. The main content area is titled 'Replication instances (5)' and contains a table with the following data:

	Name	Class	Status	Engine version	Availability zone	VPC
<input type="checkbox"/>	arjun1replication	dms.t3.medium	Available	3.4.6	us-east-1e	vpc-e1614484
<input type="checkbox"/>	kca-rep-instance	dms.t2.micro	Available	3.3.3	us-east-1e	vpc-e1614484
<input type="checkbox"/>	mydmsinstance	dms.t3.medium	Available	3.4.6	us-east-1e	vpc-e1614484
<input type="checkbox"/>	skri1	dms.t3.medium	Available	3.4.6	us-east-1e	vpc-e1614484
<input type="checkbox"/>	test123	dms.t3.micro	Available	3.4.6	us-east-1c	vpc-e1614484

2.Create Replication Instance.

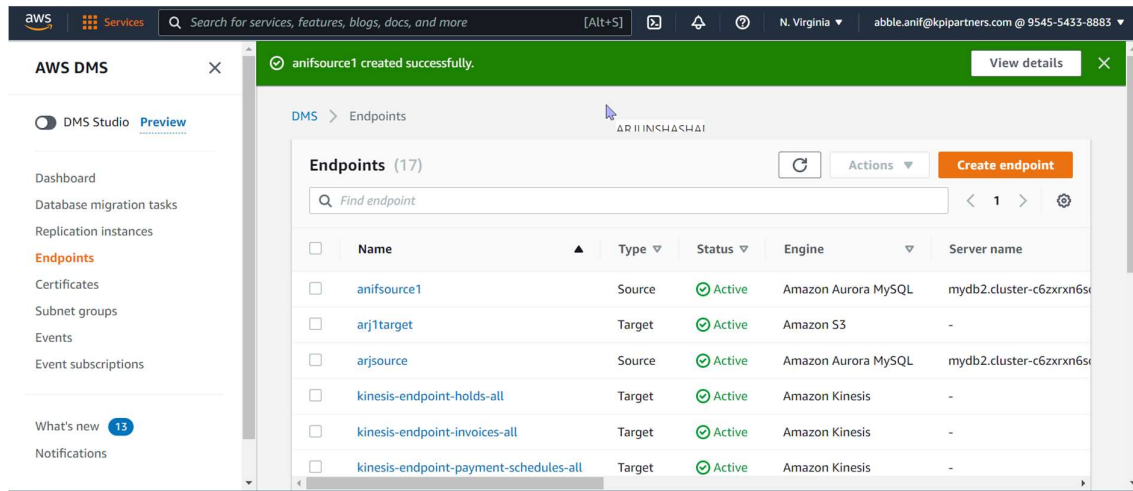


The screenshot shows the 'Create replication instance' configuration page in the AWS DMS console. The page title is 'Create replication instance'. Below the title is a section titled 'Replication instance configuration' with the following fields:

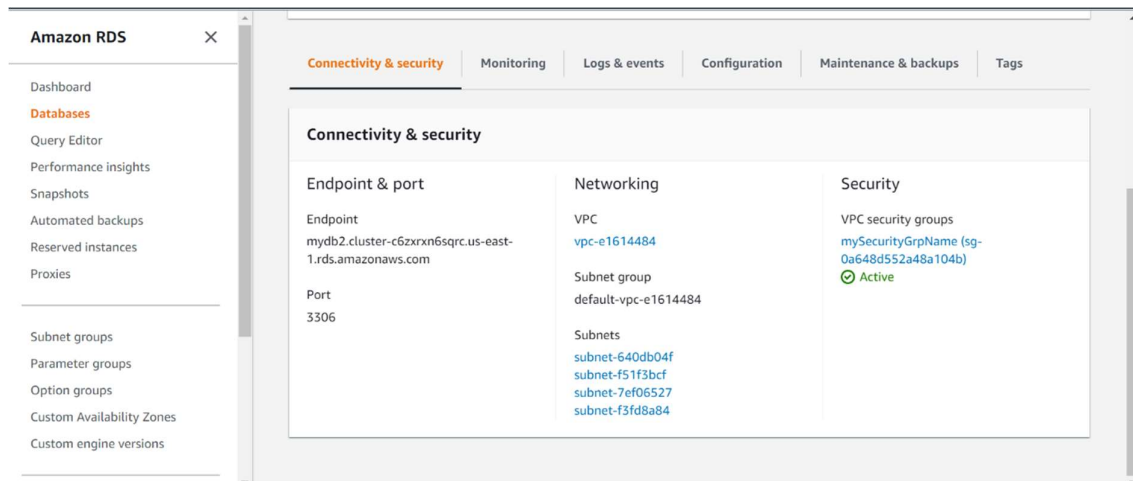
- Name**: The name must be unique among all of your replication instances in the current AWS region. The input field contains 'anifReplication'.
- Descriptive Amazon Resource Name (ARN) - optional**: A friendly name to override the default DMS ARN. You cannot modify it after creation. The input field contains 'Friendly-ARN-name'.
- Description**: Type a short description for your replication instance. The input field is empty.

Below the description field, there is a note: 'The description must only have unicode letters, digits, whitespace, or one of these symbols: _/=-+@. 1000 maximum character.'

3. Choose Endpoint.



4. Go to RDS, Select Database ,Copy that Endpoint&port and past it into server name and port.



AWS DMS

DMS Studio

Preview

Dashboard

Database migration tasks

Replication instances

Endpoints

Certificates

Subnet groups

Events

Event subscriptions

What's new

13

Notifications

☐ AWS Secrets Manager

☒ Provide access information manually

Server name

mydb2.cluster-c6zrxn6sqrc.us-east-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

KMS key

Tags

5. Create the Endpoint.

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

N. Virginia

able.anif@kplpartners.com @ 9545-5433-8883

AWS DMS

DMS Studio

Preview

Dashboard

Database migration tasks

Replication instances

Endpoints

Certificates

Subnet groups

Events

Event subscriptions

What's new

13

Notifications

☐ Source endpoint

A source endpoint allows AWS DMS to read data from a database (on-premises or in the cloud), or from other data source such as Amazon S3.

☒ Target endpoint

A target endpoint allows AWS DMS to write data to a database, or to other data source.

Select RDS DB instance

Endpoint configuration

Endpoint identifier

Info

A label for the endpoint to help you identify it.

anifEndpoint

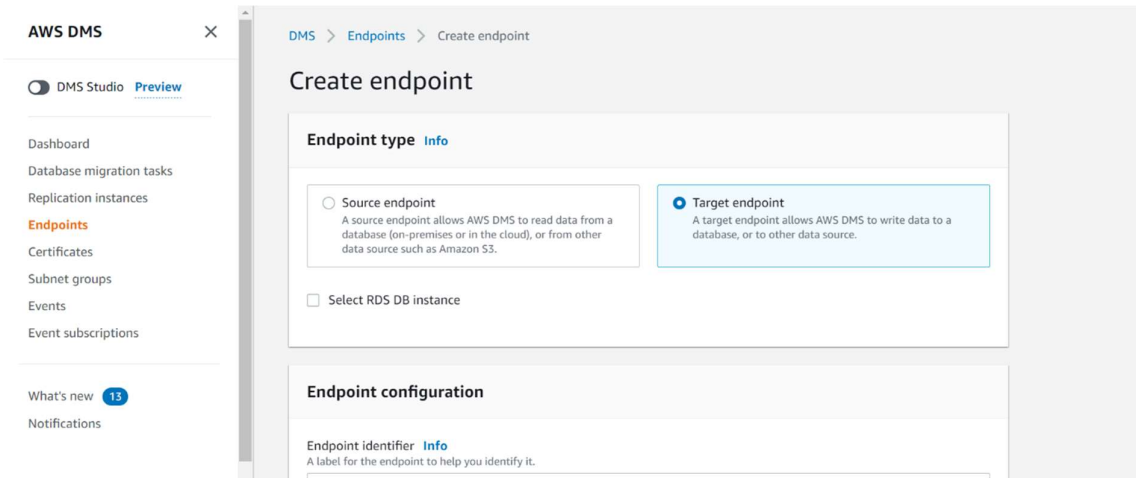
Descriptive Amazon Resource Name (ARN) - optional

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

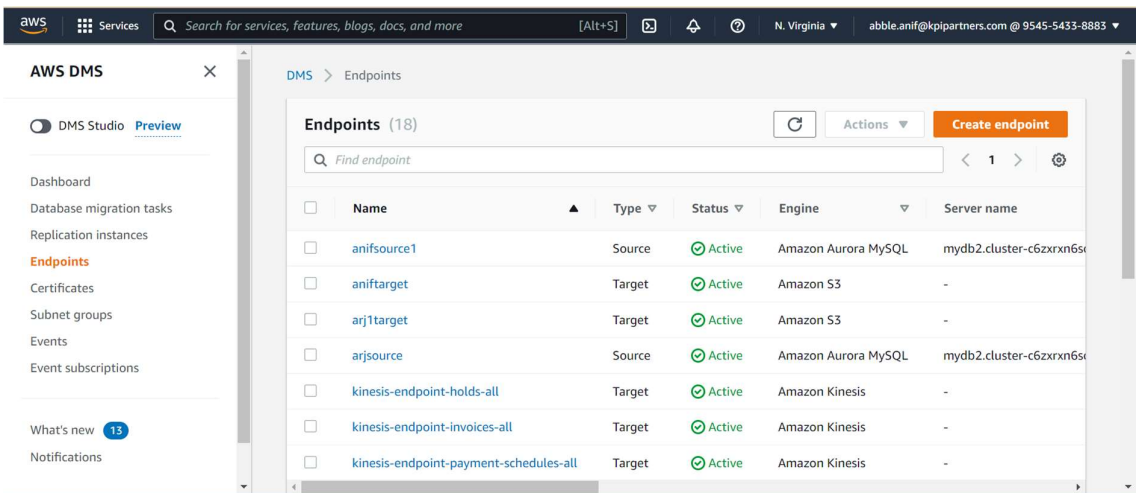
Friendly-ARN-name

Target engine

6. Click on Target endpoint.



7. Create Endpoint identifier, Select target engine as Amazon S3, Create endpoint.



8. Choose Database migration tasks, Create task.

The screenshot shows the AWS DMS console with the 'Create database migration task' page. The left sidebar contains navigation links: Dashboard, Database migration tasks (selected), Replication instances, Endpoints, Certificates, Subnet groups, Events, and Event subscriptions. The main content area is titled 'Create database migration task' and includes a 'Task configuration' section with the following fields:

- Task identifier:** anifTask1
- Descriptive Amazon Resource Name (ARN) - optional:** Friendly-ARN-name
- Replication instance:** anifreplication - vpc-e1614484
- Source database endpoint:** anifsource1

9. Create Datamigration Task, Select Replication instance, Select source datababse endpoint, select target database endpoint.

The screenshot shows the AWS DMS console with the 'Database migration tasks' list. The left sidebar is the same as in the previous screenshot. The main content area shows a list of 12 tasks. The table below represents the data shown in the screenshot:

	Identifier	Status	Progress	Type	Source
<input type="checkbox"/>	aniftask1	Ready	0%	Full load	anifsource1
<input type="checkbox"/>	arjuntask1	Ready	0%	Full load	arjsource
<input type="checkbox"/>	dms-airliquide-tasks	Load complete	100%	Full load	kpclouds-endpoi
<input type="checkbox"/>	dms-kinesis-task-1	Stopped	100%	Full load, ongoing replication	kpclouds-endpoi
<input type="checkbox"/>	dms-kinesis-task-2	Stopped	100%	Ongoing replication	kpclouds-endpoi
<input type="checkbox"/>	dms-kinesis-task-3	Stopped	100%	Ongoing replication	kpclouds-endpoi
<input type="checkbox"/>	dms-kinesis-task-4	Stopped	100%	Ongoing replication	kpclouds-endpoi

