

Redshift Assignment

Problem Statement:

You work for XYZ Corporation. Their application requires a database service that can store data which can be retrieved if required. Implement suitable service for the same.

While migrating, you are asked to perform the following tasks:

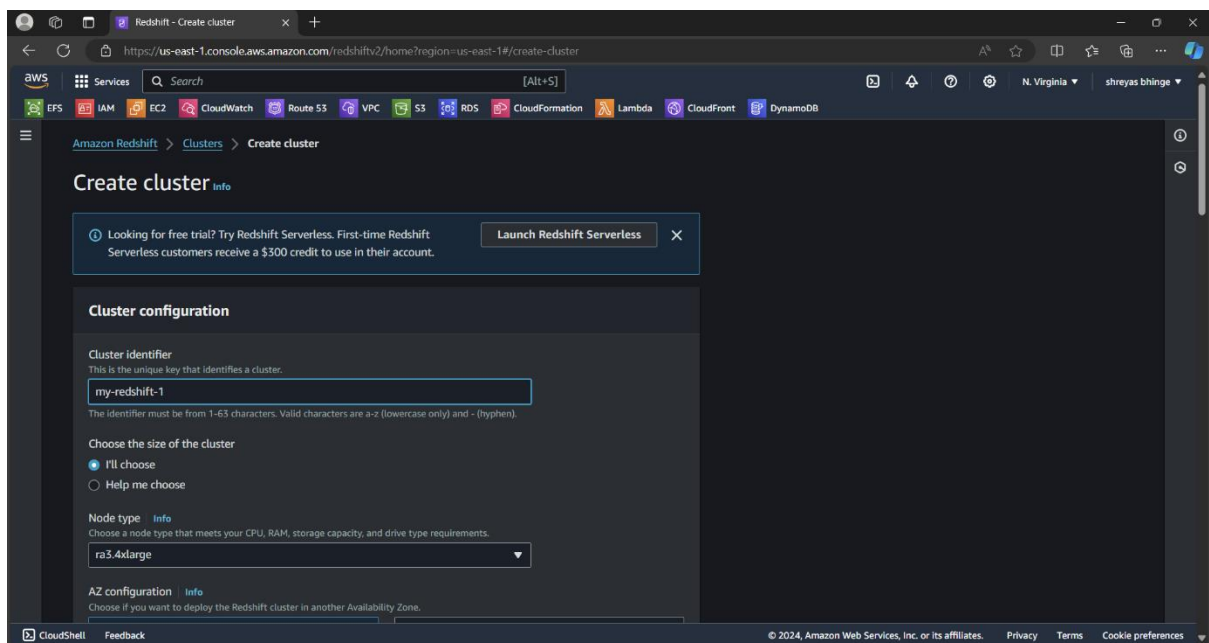
1. Create a Redshift data warehouse.

2. Using the query editor:

a. Load some data

b. Query the data

1. Created a redshift data warehouse



Redshift - Create cluster

https://us-east-1.console.aws.amazon.com/redshiftv2/home?region=us-east-1#/create-cluster

Services Search [Alt+S]

Choose the size of the cluster

☒ I'll choose

☐ Help me choose

Node type Info

Choose a node type that meets your CPU, RAM, storage capacity, and drive type requirements.

dc2.large

Number of nodes

Enter the number of nodes that you need.

1

Range (1-32)

Configuration summary Info

dc2.large | 1 node

\$182.50/month

Estimated on-demand compute price

Save more than 60% of your costs by purchasing reserved nodes. [Learn more about pricing](#)

160 GB

Total compressed storage

The total storage capacity for the cluster if you deploy the number of nodes that you chose.

Create cluster

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Services Search [Alt+S]

Database configurations

Admin user name

Enter a login ID for the admin user of your DB instance.

awsuser

The name must be 1-128 alphanumeric characters, and it can't be a reserved word.

Admin password

Select an option to manage your admin password.

☐ Manage admin credentials in AWS Secrets Manager Info

☐ Generate a password

☒ Manually add the admin password

Amazon Redshift generates an admin password.

Manually enter the admin password.

Admin user password

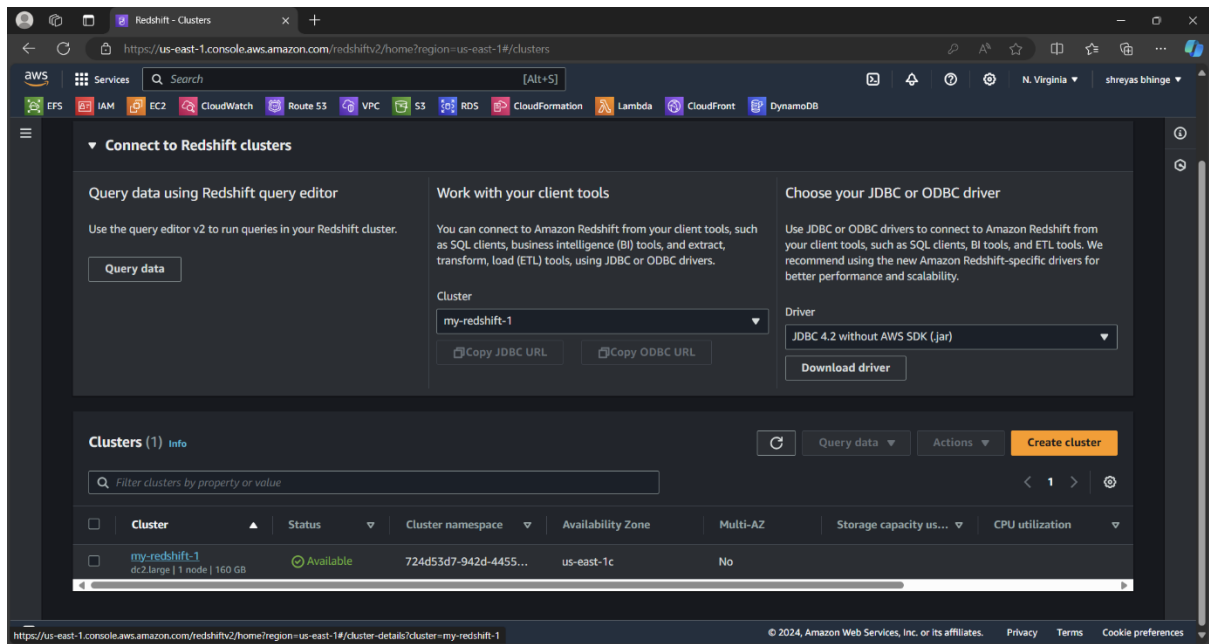
Must be 8-64 characters long. Must contain at least one uppercase letter, one lowercase letter and one number. Can be any printable ASCII character except "/", "", or "@".

☐ Show password

Cluster permissions

Create an IAM role as the default for this cluster that has the AmazonRedshiftAllCommandFullAccess policy.

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2. Using the query editor v2

