

Module-6: Database Services Assignment - 4

You have been asked to:

1. Create a Redshift Data Warehouse
2. Using the Query editor
 - a) Load some data
 - b) Query the data

aws

Services

CloudFormation

redshift

X

DynamoDB

Services (2)

Features (1)

Blogs (366)

Documentation (49,428)

Search results for 'redshift'

Services

Amazon Redshift

Fast, Simple, Cost-Effective Data Warehousing

Provision and manage clusters

With a few clicks, you can create your first Amazon Redshift provisioned cluster in minutes.

Create cluster

Your VPCs (1/1) Info

Filter VPCs

<input checked="" type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR
<input checked="" type="checkbox"/>	m6a4_vpc	vpc-09fc7f1db1d35e935	Available	10.0.0.0/16

Subnets (2) Info

Filter subnets

<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	m6a4_subnet	subnet-0bd6baa79e03b9f98	Available	vpc-09fc7f1db1d35e935 m6...	10.0.0.0/24
<input type="checkbox"/>	m6a4_subnet_ec2	subnet-0375bb10ec362af04	Available	vpc-09fc7f1db1d35e935 m6...	10.0.2.0/24

Create cluster [Info](#)

Cluster configuration

Cluster identifier

This is the unique key that identifies a cluster.

The identifier must be from 1-63 characters. Valid characters are a-z (lowercase only) and - (hyphen).

What are you planning to use this cluster for?



Production

Configure for fast and consistent performance at the best price.



Free trial

Configure for learning about Amazon Redshift. This configuration is free for a limited time if your organization has never created an Amazon Redshift cluster.

Database configurations

Admin user name

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

The name must be 1-128 alphanumeric characters, and it can't be a [reserved word](#) .



Auto generate password

Amazon Redshift can generate a password for you, or you can specify your own password.

Admin user password



Show 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 " @ " .

[Cancel](#)[Create cluster](#)

Amazon Redshift

Provisioned clusters dashboard

Clusters

Reserved nodes

Snapshots

Queries and loads

Query editor

Query editor v2

Datashares

Configurations

Workload management

Subnet groups

Amazon Redshift > Configurations > Subnet groups

Cluster subnet groups (0)

Search

RefreshDeleteActionsCreate cluster subnet group

	Name	Status	VPC ID	Description	Tags
No cluster subnet group					
Create cluster subnet group					
Create cluster subnet group					

Create cluster subnet group

Cluster subnet group details

Name

You can't modify the name after your subnet group has been created.

m6a4-redshift-cluster-subnet-group-1

The name must be 1-255 characters. Valid characters are A-Z, a-z, 0-9, space, hyphen (-), underscore (_), and period (.).

Description

m6a4-redshift-cluster-subnet-group-1

Add subnets

VPC

Choose the VPC that contains the subnets that you want to include in your cluster subnet group.

m6a4_vpc
vpc-09fc7f1db1d35e935

Add all the subnets for this VPC

Availability Zone

Subnet

Choose an Availability Zone

Choose a subnet

Add subnet

Subnets in this cluster subnet group (2)

Remove all

Availability Zone	Subnet ID	CIDR block	Action
us-east-1e	subnet-0bd6baa79e03b9f98	10.0.0.0/24	Remove
us-east-1e	subnet-0375bb10ec362af04	10.0.2.0/24	Remove

CancelCreate cluster subnet group

Query data using Redshift query editor

Use the query editor v2 to run queries in your Redshift cluster.

Query data

Work with your client tools

You can connect to Amazon Redshift from your client tools, such as SQL clients, business intelligence (BI) tools, and extract, transform, load (ETL) tools, using JDBC or ODBC drivers.

Cluster

Cluster identifier

 Copy JDBC URL Copy ODBC URL

Choose your JDBC or ODBC driver

Use JDBC or ODBC drivers to connect to Amazon Redshift from your client tools, such as SQL clients, BI tools, and ETL tools. We recommend using the new Amazon Redshift-specific drivers for better performance and scalability.

Driver

JDBC 4.2 without AWS SDK (.jar)

[Download driver](#)

Clusters (1) [Info](#)

🔍 *Filter clusters by property or value*

< 1 >

<input type="checkbox"/>	Cluster	Cluster namespace	Status	Storage capacity us...	CPU utilization	Snapsh...	Notificati...	Tags
<input type="checkbox"/>	redshift-cluster-1 dc2.large 1 node 160 GB	fb35a206-546f-4a1c-...	Available	< 1%	<div><div></div></div> 10%	-		