aws :::: Services 🔍 redshift ✕ ▣ △ ⑦ N. Virginia ▼ upgradprateek

Amazon Redshif | Create

Search results for 'redshift'

Redshift serverless N

Services (3)

Services

Features (16)

⁻ Loading

Provisioned clusters dashboard

▣ Amazon Redshift ☆

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▶ Clusters

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Features

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Manual

Datashares

Reserved nodes

▨ Amazon Redshift feature

0

▶ Configurations

Query Editor V2

▨ Amazon Redshift feature

WS accou
created in this AWS account

Amazon Redshift ✕

Redshift serverless **New**

Provisioned clusters dashboard

▶ Clusters

Query editor

Query editor v2 ↗

Queries and loads

Datashares

▶ Configurations

When the redshift page open then side bar appears like this in which you have to click on clusters

After clicking the clusters the below page appears in which you have to click on Create Cluster which will sends you to another page where we will do the configuration of our cluster as per our requirement.

Amazon Redshift > Provisioned clusters dashboard

Provisioned clusters dashboard Info

| Try Amazon Redshift Serverless ↗ | Purchase reserved nodes | Create cluster |

Resources overview
Resource data for US East (N. Virginia) Region.

Total nodes	On-demand nodes	Reserved nodes	Reserved nodes available	Automated snapshots	Manual snapshots
2	2	0	0 (0 of 0 used)	0	0

Cluster overview (1)

Any status ▼

Datashares
Authorize other AWS accounts to access datashares

Cluster configuration

Cluster identifier
This is the unique key that identifies a cluster.

```
etl
```

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.

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.

```
2
```

Range (1-32)

When we reached to the cluster configuration page, first we have to give our cluster a name as cluster identifier. Then we will choose the node type, here we choose dc2.large. After that we have to select IAM role for our cluster. At last we have to set admin user name and admin user password.

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 ↗.

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

Associated IAM roles (0) Info

Create, associate, or remove an IAM role. You can associate up to 50 IAM roles. You can also choose an IAM role and set it as the default for this cluster.

| Set default ▼ | Manage IAM roles ▼ |

🔍 Search for associated IAM role by name, status, or role type   ‹ 1 ›

☐	IAM roles ↗	▽	Status	▽	Role type	▽

No resources
No associated IAM roles

```
Associate IAM role
```

Additional configurations ⬤ Use defaults

These configurations are optional, and default settings have been defined to help you get started with your cluster. Turn off "Use defaults" to modify these settings now.

▼ Network and security Info

Virtual private cloud (VPC)
This VPC defines the virtual networking environment for this cluster.

Default VPC
vpc-c51eceb8   ▼

ⓘ You can't change the VPC associated with this cluster after the cluster has been created. Learn more ↗   ✕

VPC security groups
This VPC security group defines which subnets and IP ranges the cluster can use in the VPC.

Choose one or more security groups   ▼

default   ✕
sg-da1ad6ef

Cluster subnet group Info
Choose the Amazon Redshift subnet group to launch the cluster in.

cluster-subnet-group-2   ▼

In additional configurations we have to unselect the default. We have to open our VPC as default, VPC security group as default and Cluster subnet group which we have created for our cluster.

▶ Database configurations Info

▶ Maintenance

▶ Monitoring

▶ Backup

After all these process we are ready to create our cluster. To create it we have to click on Create cluster.

Cancel   **Create cluster**