

# Redshift

- - Redshift
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  -
- Yellowfin
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## Redshift

1.

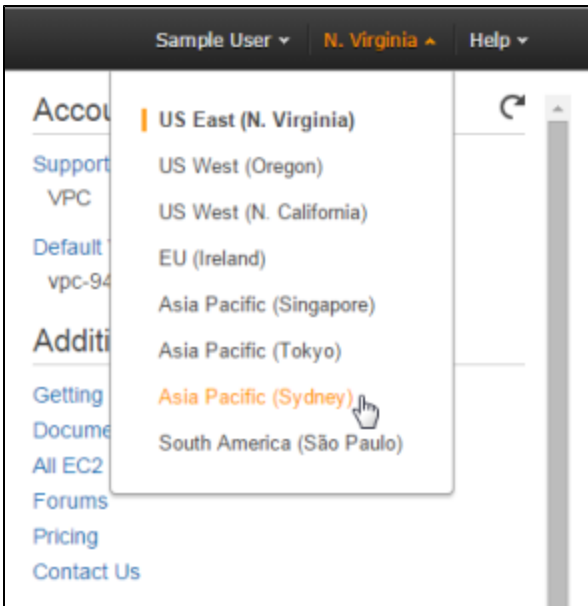
### 2. Redshift



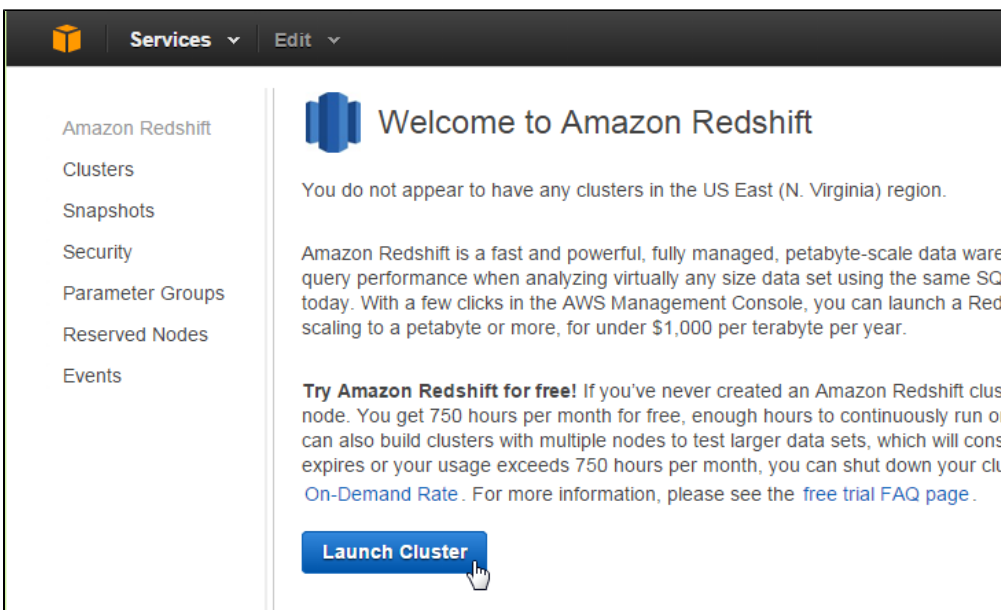
### Amazon Redshift

3.

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## 5. Amazon Redshift



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## 6.

Services

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Amazon Redshift

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Snapshots

Security

Parameter Groups

Reserved Nodes

Events

CLUSTER DETAILS

NODE CONFIGURATION

ADDITIONAL CONFIGURATION

REVIEW

Provide the details of your cluster. Fields marked with \* are required.

Cluster Identifier\*

my-yf-aws-db-instance

This is the unique key that identifies a cluster. This parameter is stored as a lowercase string. (e.g. my-dw-instance)

Database Name

yellowfindb

Optional. A default database named dev is created for the cluster. Optionally, specify a custom database name (e.g. mydb) to create an additional database.

Database Port\*

5439

Port number on which the database accepts connections.

Master User Name\*

master\_user

Name of master user for your cluster. (e.g. awsuser)

Master User Password\*

.....

Password must contain 8 to 64 printable ASCII characters excluding /, ", ', \, and @. It must contain 1 uppercase letter, 1 lowercase letter, and 1 number.

Confirm Password\*

.....

Confirm Master User Password.

Cancel

Continue

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CLUSTER DETAILS

NODE CONFIGURATION

ADDITIONAL CONFIGURATION

REVIEW

Choose a number of nodes and Node Type below. Number of Compute Nodes is required for multi-node clusters.

Node Type

dw2.large

Specifies the compute, memory, storage, and I/O capacity of the cluster's nodes.

CPU

7 EC2 Compute Units (2 virtual cores) per node

Memory

15 GiB per node

Storage

160GB SSD storage per node

I/O Performance

Moderate

Cluster Type

Single Node

Number of Compute Nodes\*

1

Single Node clusters consist of a single node which performs both leader and compute functions.

Maximum

1

Minimum

1

Cancel

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✓

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CLUSTER DETAILS

NODE CONFIGURATION

ADDITIONAL CONFIGURATION

REVIEW

Provide the optional additional configuration details below.

Cluster Parameter Group

A default parameter group will be associated with this cluster.

Encrypt Database

No

Select Yes to encrypt all data within the cluster and in backups at a small cost to performance.

Use HSM

No

You have not created any HSM Connections. You must create an HSM Connection to use HSM. You must also create at least one HSM Client Certificate.

Configure Networking Options:

Choose a VPC

Default VPC (vpc-94b90bf1)

The identifier of the VPC in which you want to create your cluster

Cluster Subnet Group

default

Selected Cluster Subnet Group may limit the choice of Availability Zones

Publicly Accessible

Yes

Select Yes if you want the cluster to be accessible from the public internet. Select No if you want it to be accessible only from within your private VPC network

Choose a Public IP Address

No

Select Yes if you want to select your own public IP address from a list of elastic IP (EIP) addresses that are already configured for your cluster's VPC. Select No if you want Amazon Redshift to provide an EIP for you instead.

Availability Zone

No Preference

The EC2 Availability Zone that the cluster will be created in.

Optionally, associate your cluster with one or more security groups.

VPC Security Groups

launch-wizard-2 (sg-b4eec...

default (sg-162f0c73)

launch-wizard-1 (sg-4eb79...

launch-wizard-3 (sg-01182...

List of VPC Security Groups to associate with this cluster.

Optionally, create a basic alarm for this cluster.

Create CloudWatch Alarm

Yes

No

Create a CloudWatch alarm to monitor the disk usage of your cluster.

Cancel

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Clusters

Launch Cluster

Cluster

Cluster Status

DB Health

In Maintenance

Recent Events

my-yf-aws-db-instance

creating

unknown

unknown

0

Yellowfin

- 
- 
- 
- 
- 
- IP

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Cluster: yf

ConfigurationStatusPerformanceQueriesLoads

Cluster: yf

Cluster Database Backup

Cluster Properties

Cluster Name: yf

Cluster Type: Single Node

Node Type: dw2.large

Nodes: 1

Zone: ap-southeast-2a

Created Time: October 7, 2014 4:37:29 PM UTC+11

Cluster Version: 1.0.829

VPC ID: vpc-63e90206 ( View VPCs )

Cluster Subnet Group: default

VPC Security Groups: default (sg-55e52530) ( active )

Cluster Parameter Group: default.redshift-1.0 ( in-sync )

Cluster Status

Cluster Status: available

Database Health: healthy

In Maintenance Mode: no

Parameter Group Apply Status: in-sync

Pending Modified Values: None

Cluster Database Properties

Endpoint: yf.ccjapojk5x0n.ap-southeast-2.redshift.amazonaws.com

Port: 5439

Publicly Accessible: Yes

Database Name: yellowfin

Master Username: master\_user

Encrypted: No

JDBC URL: jdbc:postgresql://my-yf-aws-db-instance.ccjapojk5x0n.ap-southeast-2.redshift.amazonaws.com:5439/yf?tcpKeepAlive=true

ODBC URL: Driver={PostgreSQL}; Server=my-yf-aws-db-instance.ccjapojk5x0n.ap-southeast-2.redshift.amazonaws.com; Database=yf; UID=yf; PWD=insert\_your\_master\_user\_password\_here; Port=5439

Backup, Audit Logging, and Maintenance

Automated Snapshot Retention Period: 1

Cross-Region Snapshots Enabled: No

Audit Logging Enabled: No

Maintenance Window: fri:14:30-fri:15:00

Allow Version Upgrade: Yes

Capacity Details

Current Node Type: dw2.large

CPU: 7 EC2 Compute Units (2 virtual cores) per node

Memory: 15 GiB per node

Storage: 160GB SSD storage per node

I/O Performance: Moderate

Platform: 64-bit

SSH Ingestion Settings

Cluster Public Key:

ssh-rsa  
AAAAB3NzaC1yc2EAAAADAQABAAQDnu7VqEBecf8xawRLP1i  
nuqW5oM2dnNh4FE+5d1wTVJ6coA//vRodPIuf4XE27P4VYWGCF  
ZsoFw6O9E8LHDq5G9kUpL0DuHbT3ZuxIMkBTsq8wV5NE8qh6IP  
0dQWmF8UAODdo04jpfQDkuFQhC5hcrR2CdquDLPBTjQf7mkXE  
uMOhec8F5axbj52vncf1FACQLJGgQ5iwOGAkpDdk2P4CP+F6F1  
hdINDq+pdatK2Vqy2q+ht9hL3KBXGTQMxVcIc5k7EtMH9RhPm  
Hsf7NyeX/buCyLpeNa1Km1T57Lho4jdLh50MyI1+0KNpgcA01  
agir6RimzLL02xMFLNckD3 Amazon-Redshift

Node IP Addresses:

Node	Public IP	Private IP
Shared	54.66.138.222	172.31.22.15

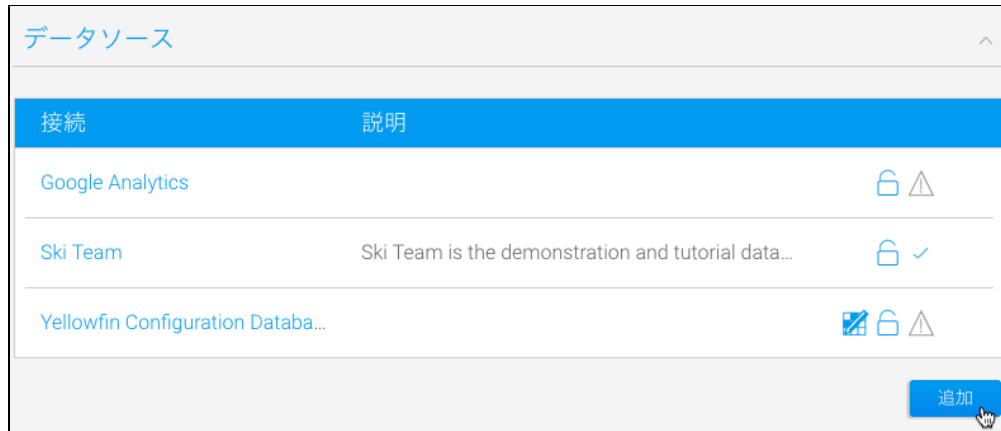
Yellowfin

- 1.Yellowfin
2.



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4.



Yellowfin

5.





Data Source Details

Source Name:

Redshift

Description:

Redshift Connection

Max Rows Returned:

☐ Unlimited
☒ 10000

Writable:

☐ Yes
☒ No

Region:

Australia

Time Zone:

Sydney

Security

Access Level:

☒ Unsecure
☐ Secure

Permissions:

☒ Broadcast
☒ Subscribe

Source Filters:

☐ Yes
☒ No

Primary Connection Pool Management

Min Connections:

1

i

Max Connections:

5

i

Refresh Time:

3

hours

i

Timeout:

180

seconds

i

Use secondary pool:

☐ Yes
☒ No

i

Availability

Availability:

☒ Available. The connection to this Data Source was successful.

[Set Unavailable]

i

Save

Cancel

## 6.Redshift

- JDBC
- Standard Authentication
- Amazon Redshift
- **SQL**
- **IP**
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## 7.

Connection

Connection Method:

JDBC

Authentication:

Standard Authentication

Database:

Amazon Redshift

Include schema in SQL:

☒

Host:

yf.ccjapojk5x0n.a

Port:

5439

Database:

yf

User Name:

yf

Password:

\*\*\*\*\*

Schema:

None

Connection Succeeded

Database:

PostgreSQL

Product Version:

8.0.2

Driver:

PostgreSQL Native Driver

Driver Version:

PostgreSQL 9.3 JDBC4 (build 1101)

Database Version:

8.0

Source Name:

Amazon Redshift

Click here to test the connection again.

Database Schema:

No tables found.