SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

SLIIT

Enterprise Standards and Best Practices for IT Infrastructure

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Create and connect to a Data Base Instance in AWS

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Create a SQL Data Base instance in Amazon Web Services

Pre-requirements:

You must have a personal account in aws.amazon.com, if not go to https://aws.amazon.com/ and create your account first.

Step 01:

Select Amazon RDS from the AWS dashboard and click on Launch a database using RDS to proceed.



Figure 1

Step 02:

From here click Get Started Now.

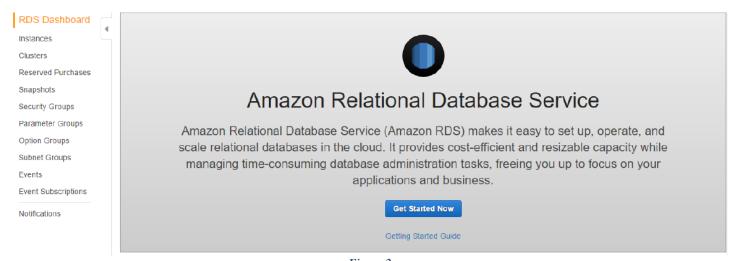


Figure 2

Step 03:

Select MySQL Engine as your DB Engine.

Select Engine

To get started, choose a DB Engine below and click Select.



Step 04:

Click on MySQL Dev/Test and click Next Step to proceed.

Do you plan to use this database for production purposes?

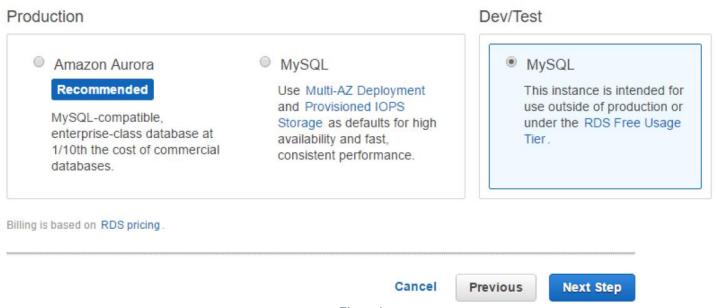


Figure 4

Step 05:

From here you start to configure your DB. Specify DB Instance class, DB instance identifier, Master username and password.

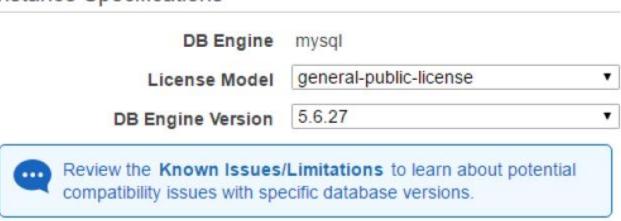
Specify DB Details

Free Tier

The Amazon RDS Free Tier provides a single db.t2.micro instance as well as up to 20 GB of storage, allowing new AWS customers to gain hands-on experience with Amazon RDS. Learn more about the RDS Free Tier and the instance restrictions here.

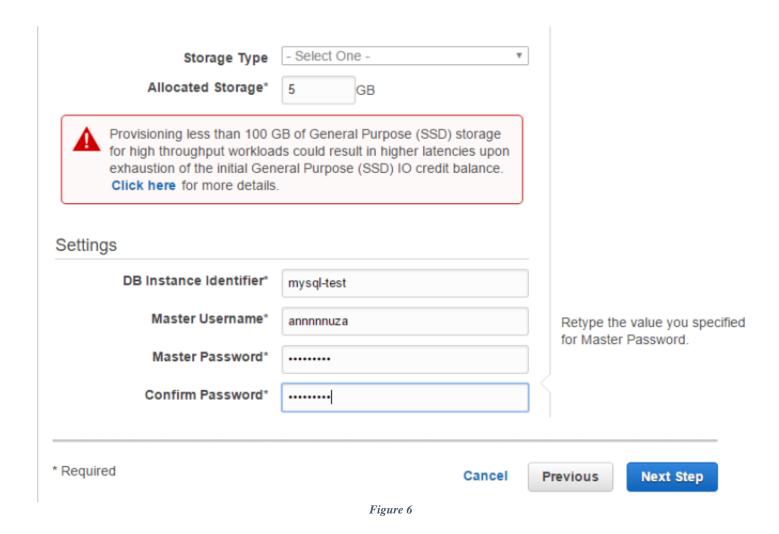
Only show options that are eligible for RDS Free Tier

Instance Specifications



DB Instance Class	- Select One -	•
Multi-AZ Deployment	- Select One -	Ψ

Figure 5



Step 06:

Configure your advance setting as below and click Launch DB Instance to launch your Db in AWS.

Configure Advanced Settings



Database Options

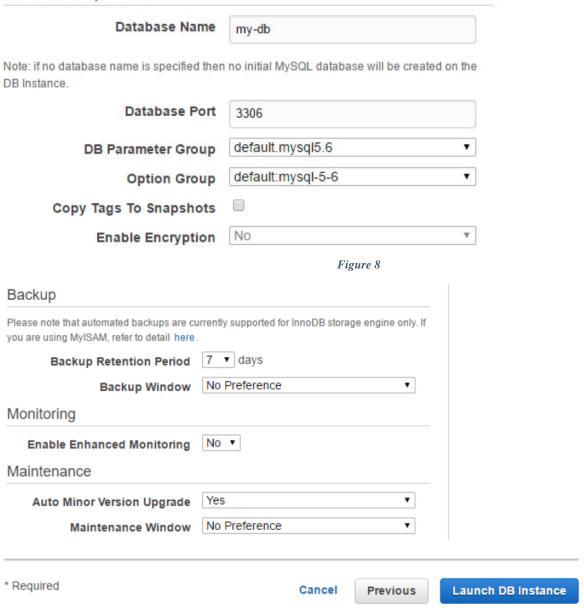


Figure 9

Step 07:

Now you can see your DB is running in AWS.



Connect to the created DB instance in AWS

Step 01:

Open MySql WorkBench and select new server instance.



Figure 11

Step 02:

Enter the host address of your instance in AWS as the address and click next.

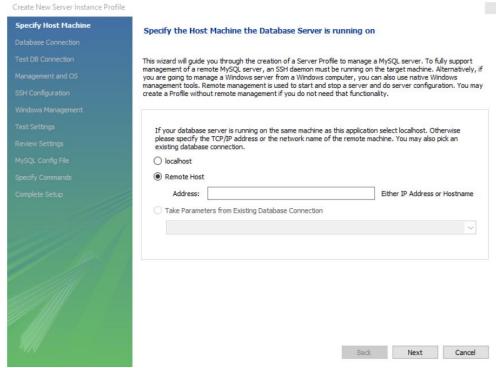


Figure 12

Step 03:

Provide the Master user name you configured and click next.

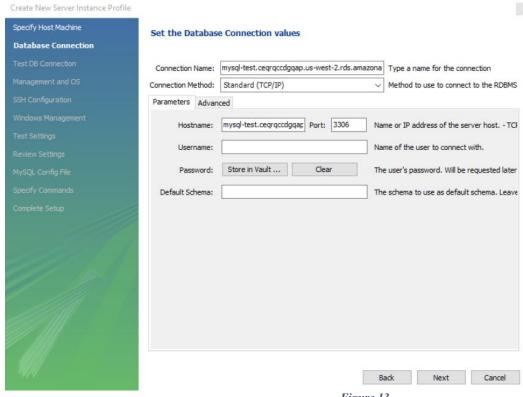


Figure 13

Step 04:

Proved the Master password here and click ok to proceed.

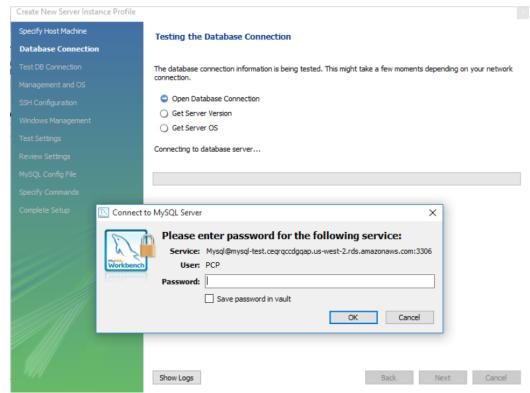


Figure 14

Step 05:

Upon completion of the connection test, set the configurations values to default as below.

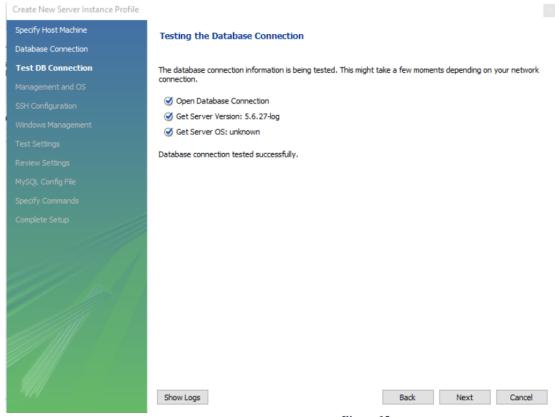


Figure 15

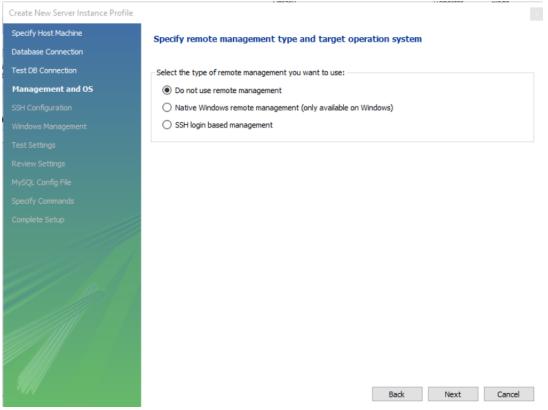


Figure 16

Step 06:

Now you can start server administration after providing the password.

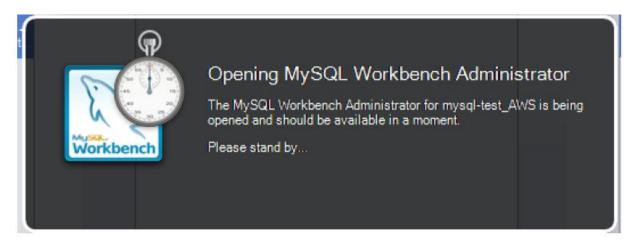




Figure 17

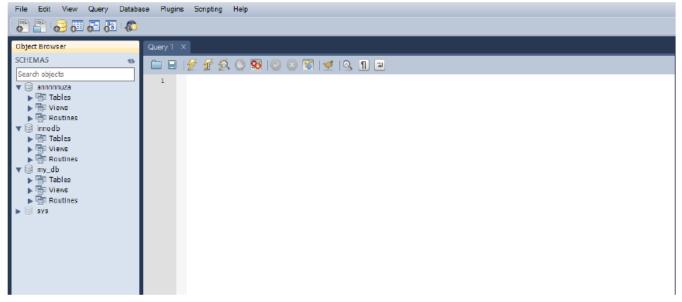


Figure 18