


# Create Mysql Database instance in AWS

- Select Amazon RDS on Dashboard and click Launch a database using RDS

**Amazon RDS**

**Are you launching a database instance? Try Amazon RDS.**

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale a relational database of your choice (MySQL, PostgreSQL, Oracle, SQL Server) in the cloud. It provides cost-efficient and resizable capacity while managing time-consuming database management tasks, freeing you up to focus on your applications and business. [Aurora](#) is a MySQL-compatible, enterprise-class database at 1/10th the cost of commercial databases. [Learn more about RDS](#)


[Launch a database using RDS](#)

Hide

- Click Get started Now

**RDS Dashboard**

- Instances
- Clusters
- Reserved Purchases
- Snapshots
- Security Groups
- Parameter Groups
- Option Groups
- Subnet Groups
- Events
- Event Subscriptions
- Notifications



## Amazon Relational Database Service

Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale relational databases in the cloud. It provides cost-efficient and resizable capacity while managing time-consuming database administration tasks, freeing you up to focus on your applications and business.






[Get Started Now](#)

[Getting Started Guide](#)

- Select MySQL Engine

## Select Engine

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

### MySQL

MySQL Community Edition

MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.

- Supports database size up to 6 TB.
- Instances offer up to 32 vCPUs and 244 GiB Memory.
- Supports automated backup and point-in-time recovery.
- Supports cross-region read replicas.

Select

- Select MySQL Dev/Test and click Next

## Do you plan to use this database for production purposes?

### Production

☐ Amazon Aurora

**Recommended**

MySQL-compatible, enterprise-class database at 1/10th the cost of commercial databases.

☐ MySQL

Use [Multi-AZ Deployment](#) and [Provisioned IOPS Storage](#) as defaults for high availability and fast, consistent performance.

### Dev/Test

☒ MySQL

This instance is intended for use outside of production or under the [RDS Free Usage Tier](#).

Billing is based on [RDS pricing](#).

Cancel

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Next Step

- Now you need to configure DB

## 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 Engine** mysql

**License Model** general-public-license ▼

**DB Engine Version** 5.6.27 ▼



Review the **Known Issues/Limitations** to learn about potential compatibility issues with specific database versions.

**DB Instance Class** - Select One - ▼

**Multi-AZ Deployment** - Select One - ▼

- In specify DB details page you must select one DB instance class if not you will received error also you need to named DB instance identifier, Master user and Master Password

Storage Type

- Select One -

Allocated Storage\*

5

GB

!

Provisioning less than 100 GB of General Purpose (SSD) storage for high throughput workloads could result in higher latencies upon exhaustion of the initial General Purpose (SSD) IO credit balance. [Click here](#) for more details.

Settings

DB Instance Identifier\*

mysql-test

Master Username\*

annnnnuza

Master Password\*

.....

Confirm Password\*

.....|

Retype the value you specified for Master Password.

\* Required

Cancel

Previous

Next Step

- Change the other details like as screenshots

## Configure Advanced Settings

### Network & Security



VPC\*

Default VPC (vpc-bf80dcda)

Subnet Group

default

Publicly Accessible

Yes

Availability Zone

us-west-2a

VPC Security Group(s)

Create new Security Group

default (VPC)

launch-wizard-1 (VPC)

launch-wizard-2 (VPC)

## Database Options

**Database Name** my-db

Note: if no database name is specified then no initial MySQL database will be created on the DB Instance.

**Database Port** 3306

**DB Parameter Group** default:mysql5.6

**Option Group** default:mysql-5-6

**Copy Tags To Snapshots** ☐

**Enable Encryption** No

### Backup

Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to detail [here](#).

**Backup Retention Period** 7 days

**Backup Window** No Preference

### Monitoring

**Enable Enhanced Monitoring** No

### Maintenance

**Auto Minor Version Upgrade** Yes

**Maintenance Window** No Preference

\* Required

Cancel

Previous

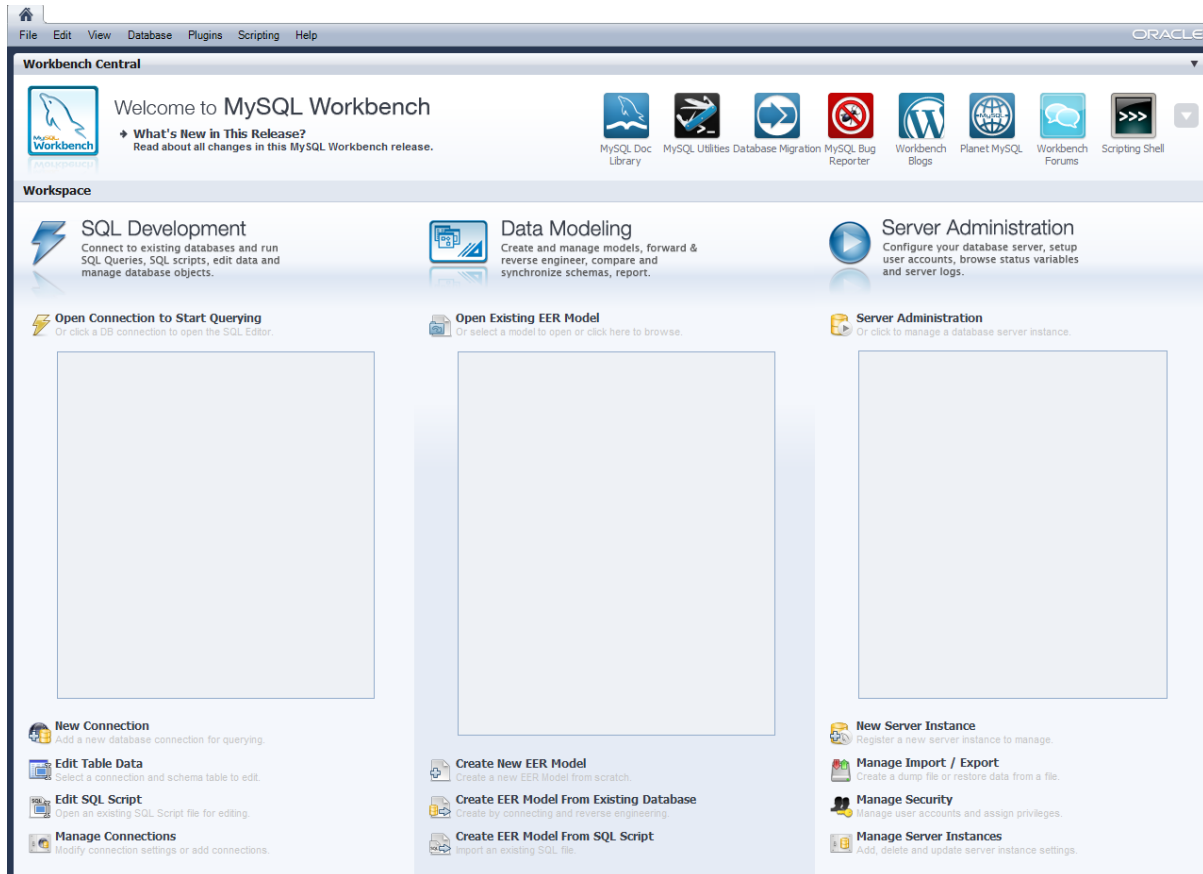
Launch DB Instance

Finally you can see you RDS was worked

MySQL	mysql-test	available	1.00%	5 Connections	None	db.t2.micro	vpc-bf80dcda	No
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# Connect to Mysql Database

- Start MySQL Workbench and click new server instance



**Specify Host Machine**

Database Connection

Test DB Connection

Management and OS

SSH Configuration

Windows Management

Test Settings

Review Settings

MySQL Config File

Specify Commands

Complete Setup

**Specify the Host Machine the Database Server is running on**

This wizard will guide you through the creation of a Server Profile to manage a MySQL server. To fully support management of a remote MySQL server, an SSH daemon must be running on the target machine. Alternatively, if you are going to manage a Windows server from a Windows computer, you can also use native Windows management tools. Remote management is used to start and stop a server and do server configuration. You may create a Profile without remote management if you do not need that functionality.

If your database server is running on the same machine as this application select localhost. Otherwise please specify the TCP/IP address or the network name of the remote machine. You may also pick an existing database connection.

☐ localhost☒ Remote HostAddress:  Either IP Address or Hostname☐ Take Parameters from Existing Database Connection

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Next

Cancel

- Enter Remote host address to textbox and click next

Address:  Either IP Address or Hostname

- Type your Master name in Username box and click next

Create New Server Instance Profile

Specify Host Machine

**Database Connection**

Test DB Connection

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Complete Setup

### Set the Database Connection values

Connection Name:  Type a name for the connection

Connection Method:  Method to use to connect to the RDBMS

Parameters ☒ Advanced

Hostname:  Port:  Name or IP address of the server host. - TCP

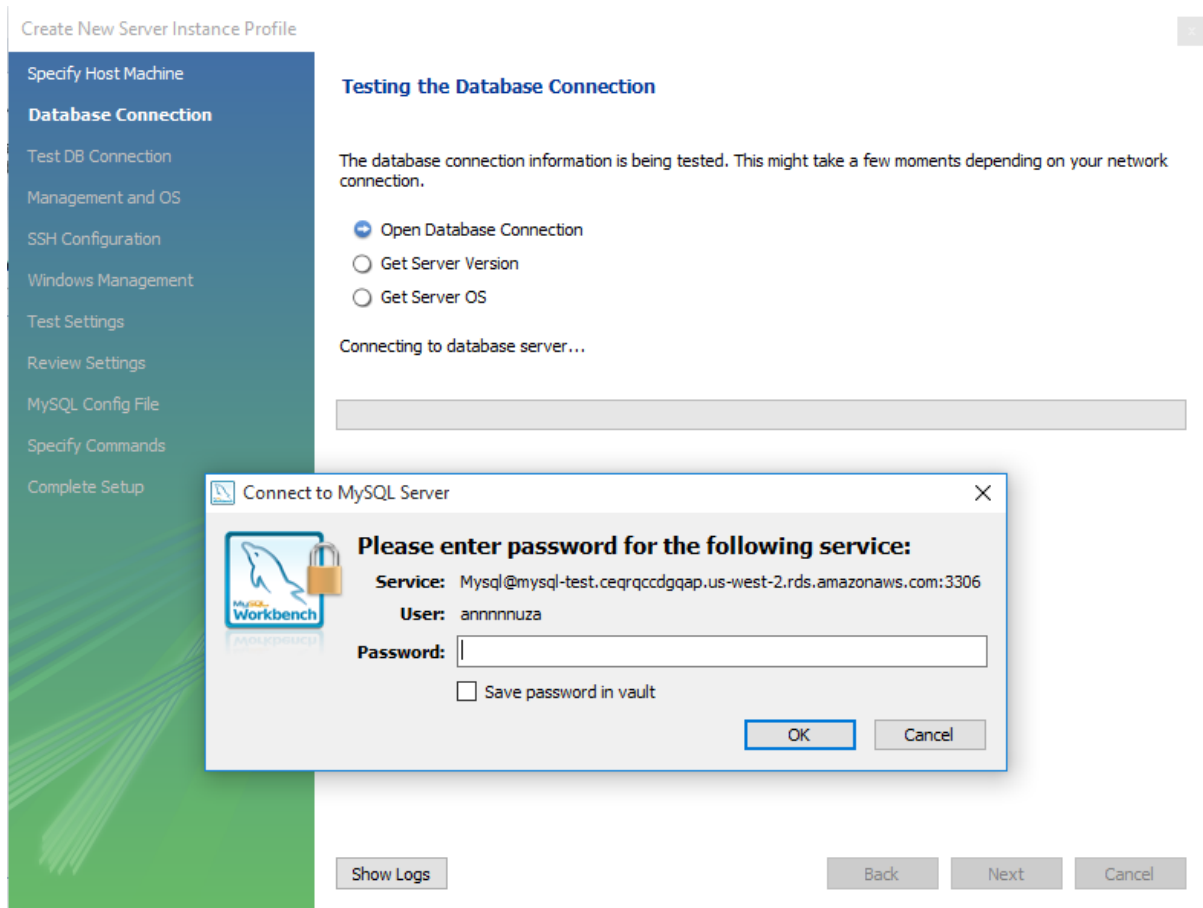
Username:  Name of the user to connect with.

Password:   The user's password. Will be requested later

Default Schema:  The schema to use as default schema. Leave

- Now new window appear and asked password of user type your Master password in that window.





- Finally connection was tested and ask some configuration set those default like as screenshot

Specify Host Machine

Database Connection

**Test DB Connection**

Management and OS

SSH Configuration

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Complete Setup

### Testing the Database Connection

The database connection information is being tested. This might take a few moments depending on your network connection.

- ☒ Open Database Connection
- ☒ Get Server Version: 5.6.27-log
- ☒ Get Server OS: unknown

Database connection tested successfully.

[Show Logs](#)[Back](#)[Next](#)[Cancel](#)

Specify Host Machine

Database Connection

Test DB Connection

**Management and OS**

SSH Configuration

Windows Management

Test Settings

Review Settings

MySQL Config File

Specify Commands

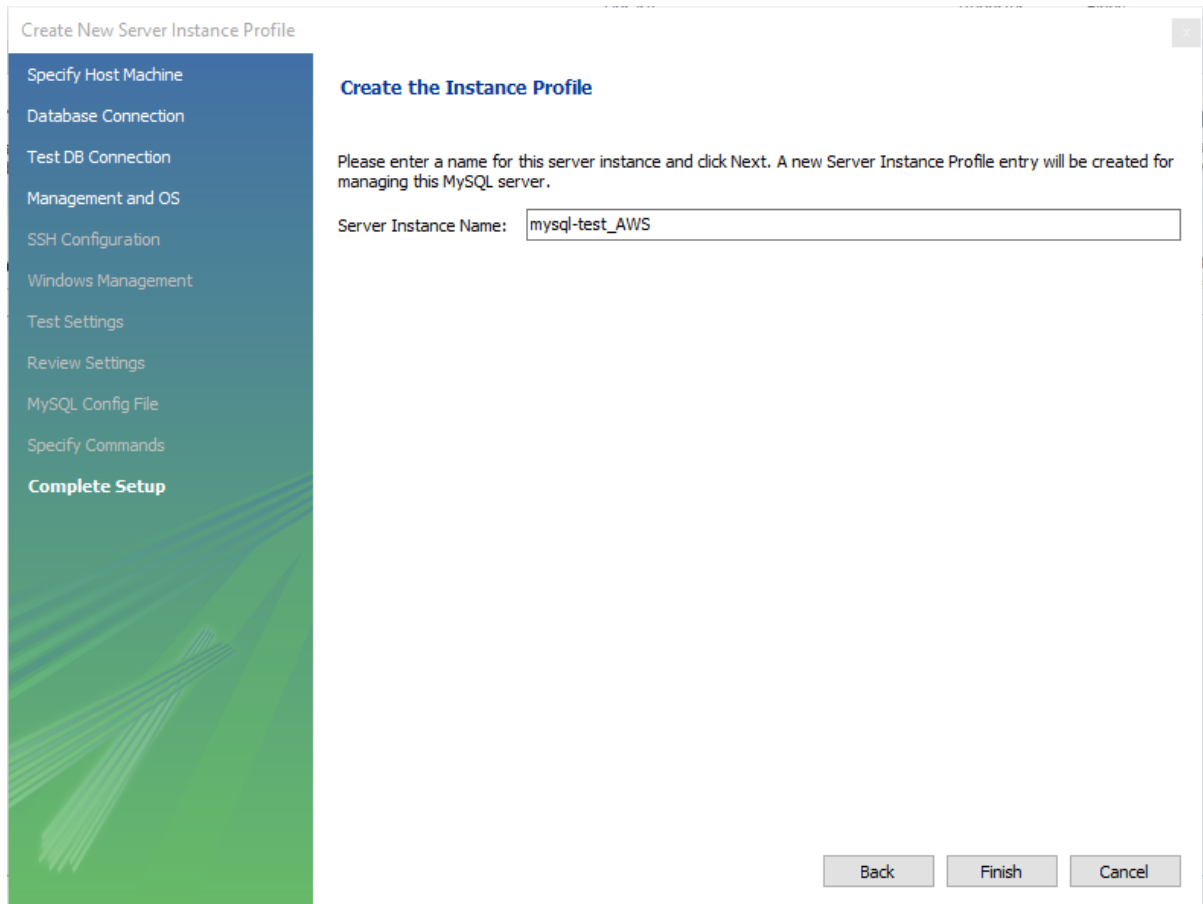
Complete Setup

### Specify remote management type and target operation system

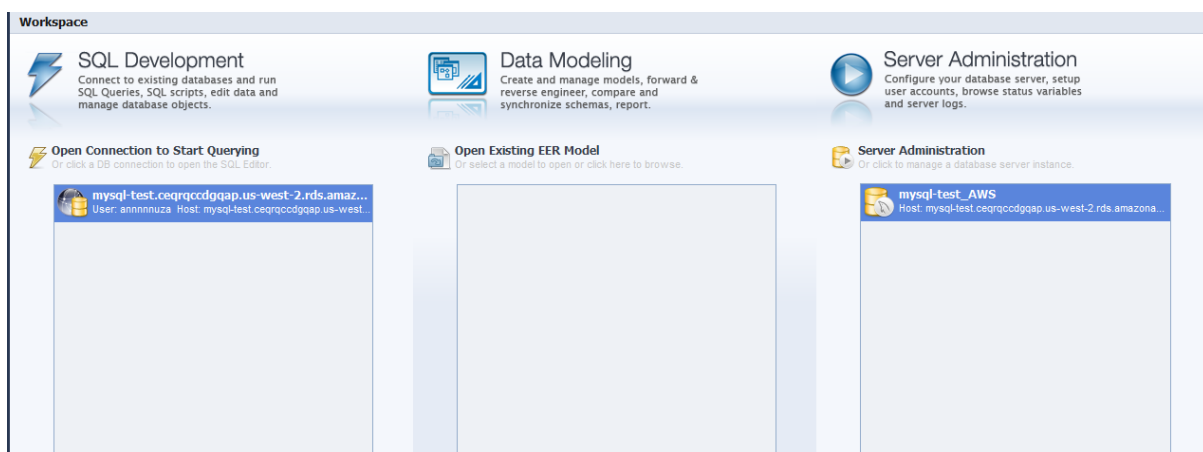
Select the type of remote management you want to use:

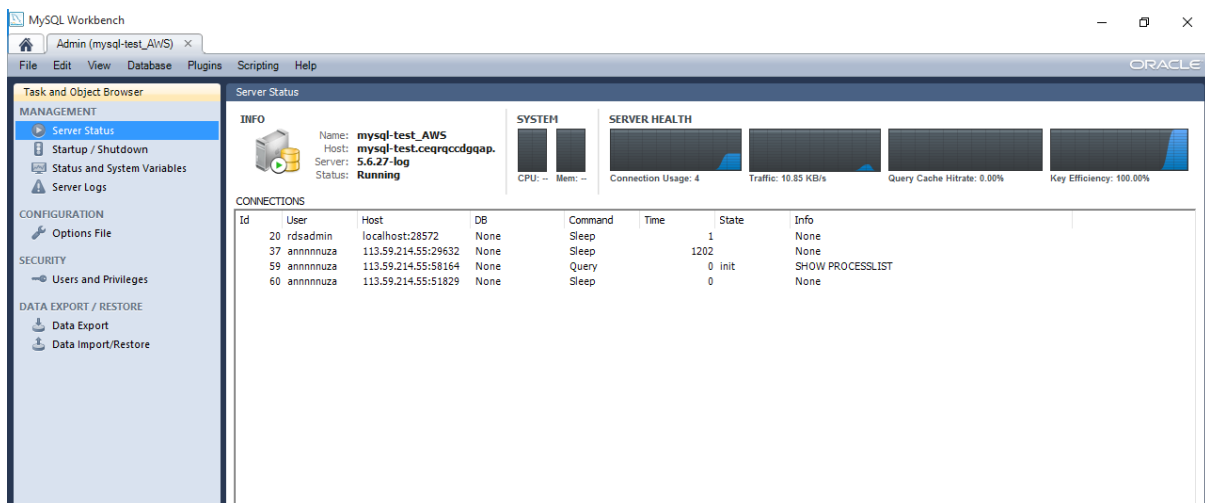
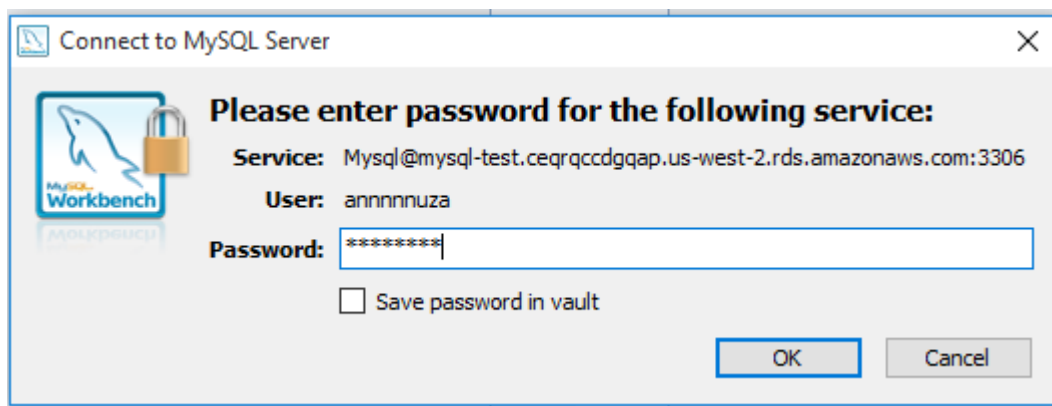
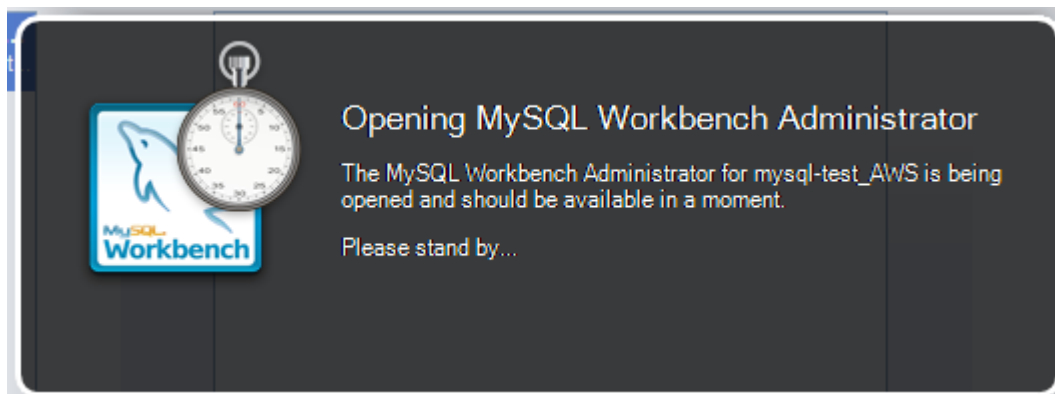
- ☒ Do not use remote management
- ☐ Native Windows remote management (only available on Windows)
- ☐ SSH login based management

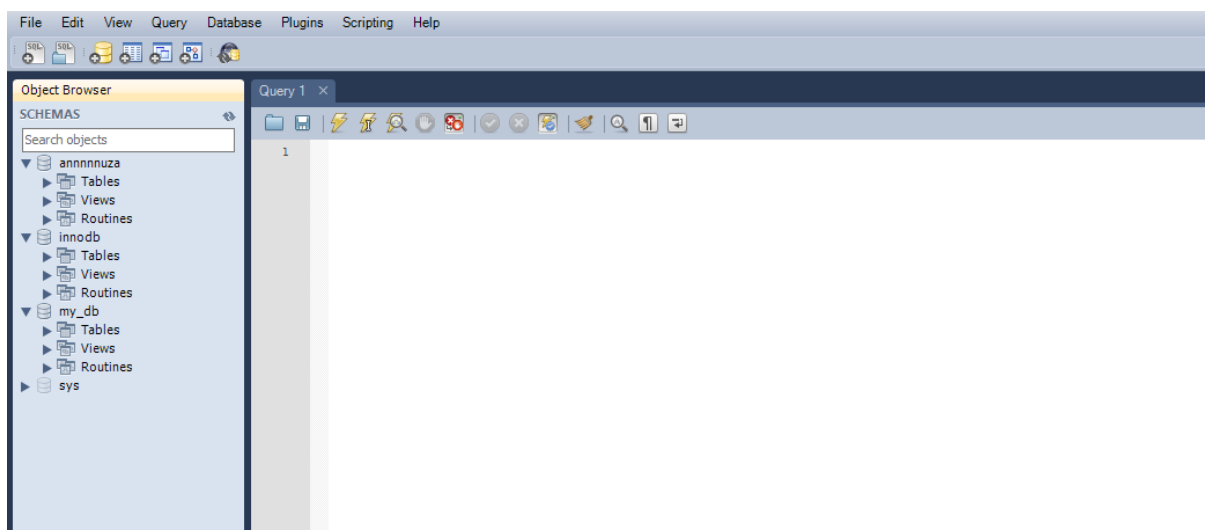
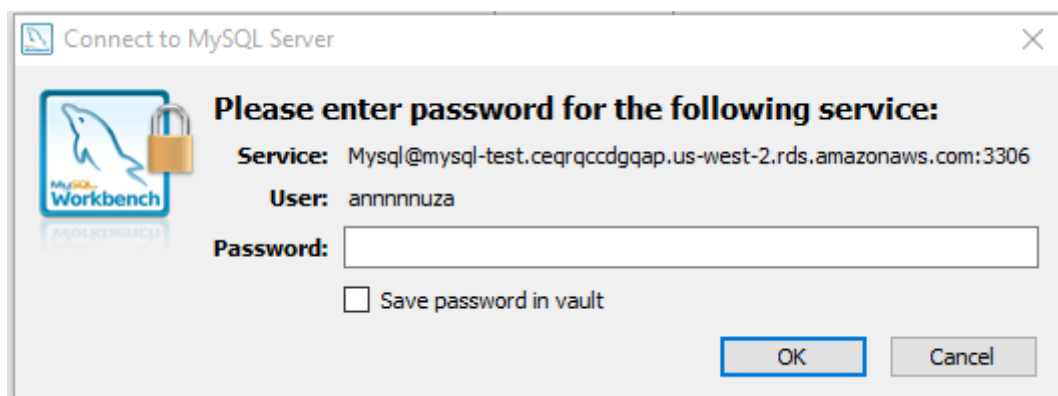
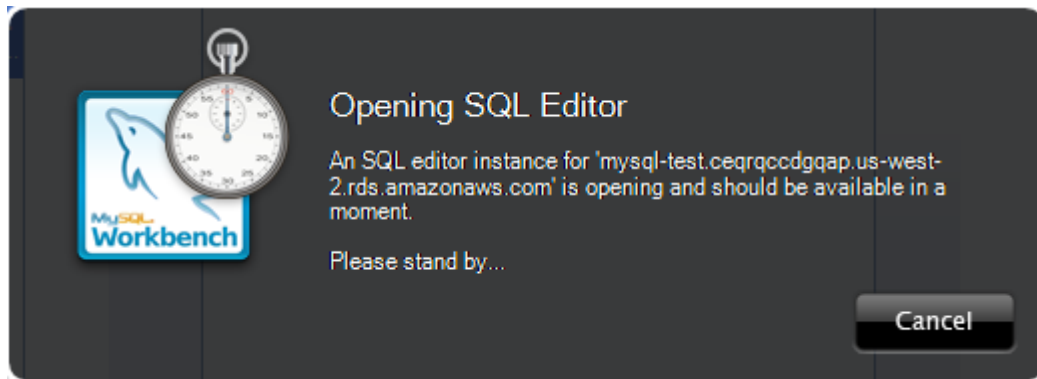
[Back](#)[Next](#)[Cancel](#)



- Now you need to start server administrator in MYSQL workbench and type your Master password in pop-up box.

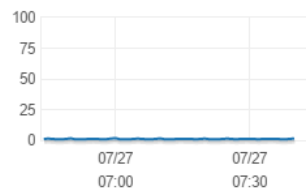




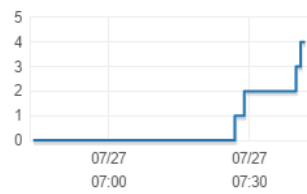


Below are your CloudWatch metrics for the selected resources. Click on a graph to see an expanded view. [View all CloudWatch metrics](#)

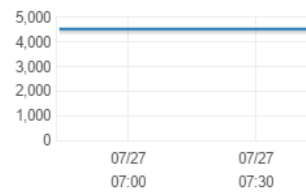
**CPU Utilization** (Percent)



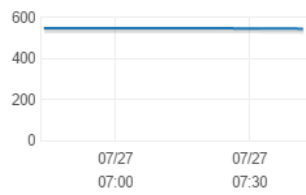
**DB Connections** (Count)



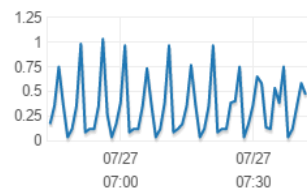
**Free Storage Space** (MB)



**Freeable Memory** (MB)



**Write Operations** (Count/Second)



**Read Operations** (Count/Second)



1