

aws

Services

Search

[Alt+S]

CloudShell

Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates.

Privacy

Terms

Cookie preferences


Choose a database creation method [Info](#)


☒ Standard create  
You set all of the configuration options, including ones for availability, security, backups, and maintenance.


☐ Easy create  
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.


Engine options


Engine type [Info](#)


☐ Aurora (MySQL Compatible)  


☐ Aurora (PostgreSQL Compatible)  


☒ MySQL  


☐ MariaDB  


☐ PostgreSQL  


☐ Oracle  


MySQL

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 64 TiB.
- Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
- Supports automated backup and point-in-time recovery.
- Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.

aws

Services

Search

[Alt+S]

CloudShell

Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates.

Privacy

Terms

Cookie preferences

DB instance identifier [Info](#)

Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.


▼ Credentials Settings

Master username [Info](#)

Type a login ID for the master user of your DB instance.

1 to 16 alphanumeric characters. The first character must be a letter.

☐ Manage master credentials in AWS Secrets Manager  
Manage master user credentials in Secrets Manager. RDS can generate a password for you and manage it throughout its lifecycle.

 If you manage the master user credentials in Secrets Manager, some RDS features aren't supported.  
[Learn more](#)

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

Master password [Info](#)

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), ' (single quote), " (double quote) and @

MySQL

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 64 TiB.
- Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
- Supports automated backup and point-in-time recovery.
- Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.

aws

Services

Q Search

[Alt+S]

Oregon ▾ Shivansh Gupta ▾

Databases

Query Editor  
Performance insights  
Snapshots  
Exports in Amazon S3  
Automated backups  
Reserved instances  
Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Zero-ETL integrations [New](#)

Events

Event subscriptions

Recommendations 0

Certificate update 1

Connectivity & security

Monitoring

Logs & events

Configuration

Maintenance & backups

Tags

Connectivity & security

Endpoint & port

Networking

Security

Endpoint

Port

3306

Availability Zone

us-west-2c

VPC

vpc-094bbcdf1b5047ea1

Subnet group

default-vpc-094bbcdf1b5047ea1

Subnets

subnet-0a59f2b50f4d6406a  
subnet-03ed7b008a73c602f  
subnet-0891d674e44d9146a  
subnet-039e750c5d5157cc7

Network type

IPv4

VPC security groups

default (sg-0a4c1a83fca3a30bc)

Active

Publicly accessible

Yes

Certificate authority

Info

rds-ca-2019

Certificate authority date

August 22, 2024, 22:38 (UTC+05:30)

DB instance certificate expiration date

August 22, 2024, 22:38 (UTC+05:30)

<https://us-west-2.console.aws.amazon.com/console/home?region=us-west-2>

© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences

aws

Services

Search

[Alt+S]

Oregon

Shivansh Gupta

New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Security Groups (1/1) Info

Actions

Export security groups to CSV

Create security group

Filter security groups

search: sg-0a4c1a83fcaba30bc

Clear filters

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	-	sg-0a4c1a83fcaba30bc	default	vpc-094bbcdf1b5047ea1	default VPC security gr...	104430295565

sg-0a4c1a83fcaba30bc - default

Details

Inbound rules

Outbound rules

Tags

Details

Security group name

Security group ID

Description

VPC ID

CloudShell

Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates.

Privacy

Terms

Cookie preferences

aws

Services

Search

[Alt+S]

Oregon

Shivansh Gupta

New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Security Groups (1/1) Info

Actions

Export security groups to CSV

Create security group

Filter security groups

search: sg-0a4c1a83fcaba30bc

Clear filters

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	-	sg-0a4c1a83fcaba30bc	default	vpc-094bbcdf1b5047ea1	default VPC security gr...	104430295565

Inbound rules (2)

Manage tags

Edit inbound rules

Filter security group rules

<input type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol	Port range
<input type="checkbox"/>	-	sgr-0c75e282d6e948b...	-	All traffic	All	All
<input type="checkbox"/>	-	sgr-0d5788997c32ee39f	IPv4	MySQL/Aurora	TCP	3306

CloudShell

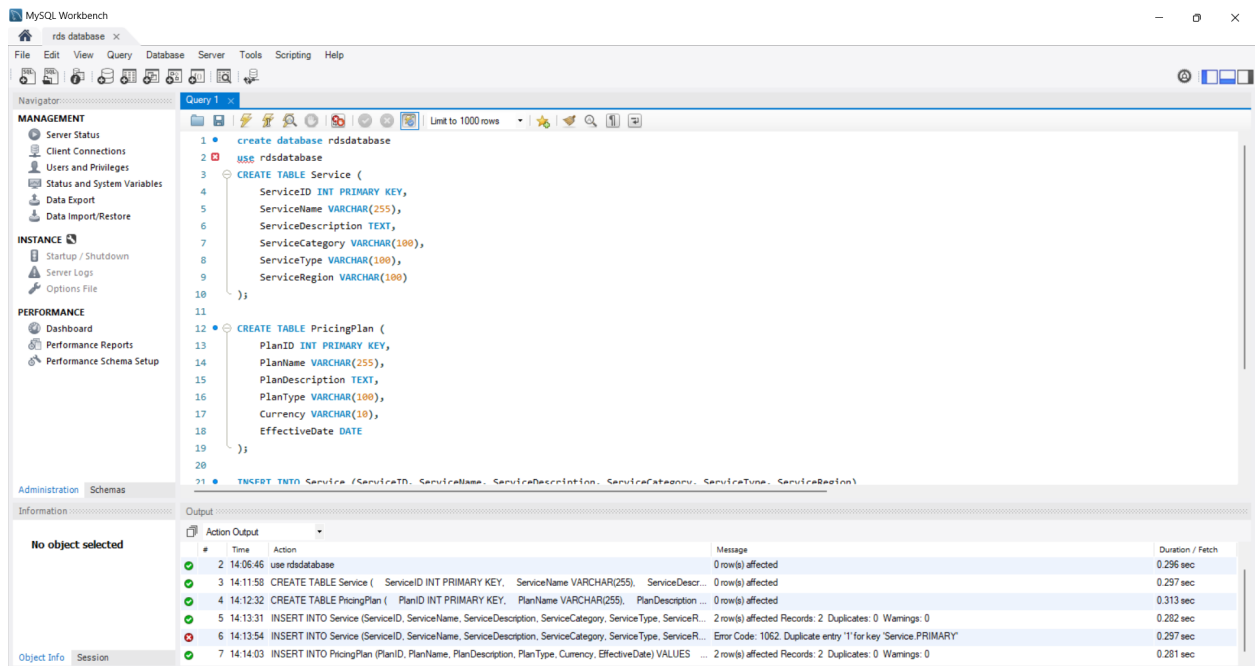
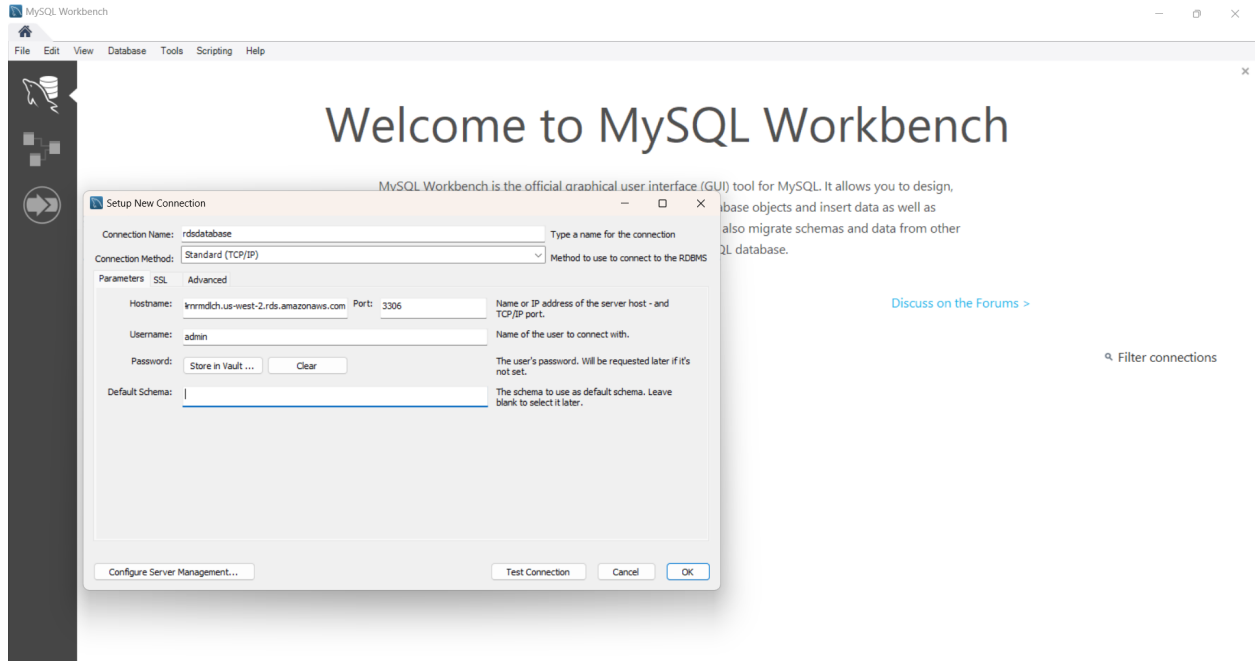
Feedback

© 2023, Amazon Web Services India Private Limited or its affiliates.

Privacy

Terms

Cookie preferences



MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

Query 1

```

1 • create database rdsdatabase
2 use rdsdatabase
3 CREATE TABLE Service (
4     ServiceID INT PRIMARY KEY,
5     ServiceName VARCHAR(255),
6     ServiceDescription TEXT,
7     ServiceCategory VARCHAR(100),
8     ServiceType VARCHAR(100),
9     ServiceRegion VARCHAR(100)
10 );
11
12 • CREATE TABLE PricingPlan (
13     PlanID INT PRIMARY KEY,
14     PlanName VARCHAR(255),
15     PlanDescription TEXT,
16     PlanType VARCHAR(100),
17     Currency VARCHAR(10),
18     EffectiveDate DATE
19 );
20
21 • TRUNCATE INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion)

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	14:06:46	use rdsdatabase	0 row(s) affected	0.296 sec
3	14:11:58	CREATE TABLE Service ( ServiceID INT PRIMARY KEY, ServiceName VARCHAR(255), ServiceDescription TEXT, ServiceCategory VARCHAR(100), ServiceType VARCHAR(100), ServiceRegion VARCHAR(100) )	0 row(s) affected	0.297 sec
4	14:12:32	CREATE TABLE PricingPlan ( PlanID INT PRIMARY KEY, PlanName VARCHAR(255), PlanDescription TEXT, PlanType VARCHAR(100), Currency VARCHAR(10), EffectiveDate DATE )	0 row(s) affected	0.313 sec
5	14:13:31	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion) VALUES (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'), (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.262 sec
6	14:13:54	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion) VALUES (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'), (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');	Error Code: 1062 Duplicate entry '1' for key 'Service.PRIMARY'	0.297 sec
7	14:14:03	INSERT INTO PricingPlan (PlanID, PlanName, PlanDescription, PlanType, Currency, EffectiveDate) VALUES (1, 'Standard Plan', 'Standard pricing plan', 'Standard', 'USD', '2023-01-01'), (2, 'Business Plan', 'Business pricing plan', 'Business', 'USD', '2023-01-01');	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.281 sec

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

Query 1

```

10 );
11
12 • CREATE TABLE PricingPlan (
13     PlanID INT PRIMARY KEY,
14     PlanName VARCHAR(255),
15     PlanDescription TEXT,
16     PlanType VARCHAR(100),
17     Currency VARCHAR(10),
18     EffectiveDate DATE
19 );
20
21 • INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion)
22 VALUES
23 (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'),
24 (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');
25
26 • INSERT INTO PricingPlan (PlanID, PlanName, PlanDescription, PlanType, Currency, EffectiveDate)
27 VALUES
28 (1, 'Standard Plan', 'Standard pricing plan', 'Standard', 'USD', '2023-01-01'),
29 (2, 'Business Plan', 'Business pricing plan', 'Business', 'USD', '2023-01-01');

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	14:06:46	use rdsdatabase	0 row(s) affected	0.296 sec
3	14:11:58	CREATE TABLE Service ( ServiceID INT PRIMARY KEY, ServiceName VARCHAR(255), ServiceDescription TEXT, ServiceCategory VARCHAR(100), ServiceType VARCHAR(100), ServiceRegion VARCHAR(100) )	0 row(s) affected	0.297 sec
4	14:12:32	CREATE TABLE PricingPlan ( PlanID INT PRIMARY KEY, PlanName VARCHAR(255), PlanDescription TEXT, PlanType VARCHAR(100), Currency VARCHAR(10), EffectiveDate DATE )	0 row(s) affected	0.313 sec
5	14:13:31	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion) VALUES (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'), (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.262 sec
6	14:13:54	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion) VALUES (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'), (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');	Error Code: 1062 Duplicate entry '1' for key 'Service.PRIMARY'	0.297 sec
7	14:14:03	INSERT INTO PricingPlan (PlanID, PlanName, PlanDescription, PlanType, Currency, EffectiveDate) VALUES (1, 'Standard Plan', 'Standard pricing plan', 'Standard', 'USD', '2023-01-01'), (2, 'Business Plan', 'Business pricing plan', 'Business', 'USD', '2023-01-01');	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.281 sec

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Query 1

```

10  });
11
12  CREATE TABLE PricingPlan (
13      PlanID INT PRIMARY KEY,
14      PlanName VARCHAR(255),
15      PlanDescription TEXT,
16      PlanType VARCHAR(100),
17      Currency VARCHAR(10),
18      EffectiveDate DATE
19  );
20
21  INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion)
22  VALUES
23      (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'),
24      (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');
25
26  INSERT INTO PricingPlan (PlanID, PlanName, PlanDescription, PlanType, Currency, EffectiveDate)
27  VALUES
28      (1, 'Standard Plan', 'Standard pricing plan', 'Standard', 'USD', '2023-01-01'),
29      (2, 'Business Plan', 'Business pricing plan', 'Business', 'USD', '2023-01-01');

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	14:06:46	use rdsdatabase	0 row(s) affected	0.296 sec
3	14:11:58	CREATE TABLE Service ( ServiceID INT PRIMARY KEY, ServiceName VARCHAR(255), ServiceDescr...	0 row(s) affected	0.297 sec
4	14:12:32	CREATE TABLE PricingPlan ( PlanID INT PRIMARY KEY, PlanName VARCHAR(255), PlanDescription ...	0 row(s) affected	0.313 sec
5	14:13:31	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceR...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.282 sec
6	14:13:54	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceR...	Error Code: 1062. Duplicate entry '1' for key 'Service.PRIMARY'	0.297 sec
7	14:14:03	INSERT INTO PricingPlan (PlanID, PlanName, PlanDescription, PlanType, Currency, EffectiveDate) VALUES ...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.281 sec

Object Info Session

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Query 1

```

10  });
11
12  CREATE TABLE PricingPlan (
13      PlanID INT PRIMARY KEY,
14      PlanName VARCHAR(255),
15      PlanDescription TEXT,
16      PlanType VARCHAR(100),
17      Currency VARCHAR(10),
18      EffectiveDate DATE
19  );
20
21  INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceRegion)
22  VALUES
23      (1, 'Amazon EC2', 'Elastic Compute Cloud', 'Compute', 'On-Demand', 'US-East-1'),
24      (2, 'Amazon RDS', 'Relational Database Service', 'Database', 'Provisioned', 'US-West-2');
25
26  INSERT INTO PricingPlan (PlanID, PlanName, PlanDescription, PlanType, Currency, EffectiveDate)
27  VALUES
28      (1, 'Standard Plan', 'Standard pricing plan', 'Standard', 'USD', '2023-01-01'),
29      (2, 'Business Plan', 'Business pricing plan', 'Business', 'USD', '2023-01-01');

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:04:06	create database rdsdatabase	1 row(s) affected	0.281 sec
2	14:06:46	use rdsdatabase	0 row(s) affected	0.296 sec
3	14:11:58	CREATE TABLE Service ( ServiceID INT PRIMARY KEY, ServiceName VARCHAR(255), ServiceDescr...	0 row(s) affected	0.297 sec
4	14:12:32	CREATE TABLE PricingPlan ( PlanID INT PRIMARY KEY, PlanName VARCHAR(255), PlanDescription ...	0 row(s) affected	0.313 sec
5	14:13:31	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceR...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.282 sec
6	14:13:54	INSERT INTO Service (ServiceID, ServiceName, ServiceDescription, ServiceCategory, ServiceType, ServiceR...	Error Code: 1062. Duplicate entry '1' for key 'Service.PRIMARY'	0.297 sec

Object Info Session