

 New EC2 Experience  
Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

▼ Instances

Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances New

Dedicated Hosts

✔ Successfully terminated i-01df524a621c7aec6

Instances (2) [Info](#)



Connect

Instance state ▼

Actions ▼

Launch instances



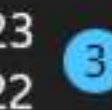
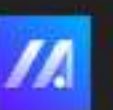
Search

< 1 >



<input type="checkbox"/>	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	
<input type="checkbox"/>	sql-server	i-01df524a621c7aec6	⊖ Terminated ⊕ 🔍	t3.xlarge	–	No alarms	+
<input type="checkbox"/>	sql-server	i-0ee35cedc9c7a3c48	✔ Running 🔍	t3.xlarge	✔ 2/2 checks passed	No alarms	+

Select an instance



Savings Plans

Reserved Instances New

Dedicated Hosts

Scheduled Instances

Capacity Reservations

## ▼ Images

AMIs New

AMI Catalog

## ▼ Elastic Block Store

**Volumes** NewSnapshots NewLifecycle Manager New

## ▼ Network &amp; Security

Security Groups

✔ Successfully attached volume [vol-06a56df07de760032](#) to instance [i-0ee35cedc9c7a3c48](#).

## Volumes (2)



Actions ▼

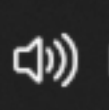
Create volume

Search

&lt; 1 &gt;

<input type="checkbox"/>	Name ▼	Volume ID ▼	Type ▼	Size ▼	IOPS ▼	Throughput ▼	Snapshot ▼
<input type="checkbox"/>	sql-server	<a href="#">vol-072795c86ee0cb005</a>	gp2	8 GiB	100	-	snap-05603eb...
<input type="checkbox"/>	-	<a href="#">vol-06a56df07de760032</a>	gp2	20 GiB	100	-	-

Select a volume above







# Creating database database-1

Your database might take a few minutes to launch.

[View credential details](#)



RDS > Databases

## Databases

☒ Group resources



Modify

Actions ▾

Restore from S3

Create database

🔍 *Filter by databases*

< 1 > ⚙️

▼	Region & AZ ▼	Size ▼	Status ▼	CPU	Current activity	Maintenance ▼	VPC ▼	Multi-AZ ▼
dition	us-east-1a	db.m5.large	✅ Available	<div><div></div></div> 6.10%	<div><div></div></div> 0.00 sessions	none	vpc-0d3b3fd7fd6318ae8	No

File Edit View Tools Tab Window Help



ssh://ec2-user@ec2-44-200-193-166.compute-1.amazonaws.com:22

To add the current session, click on the left arrow button.

1 ec2-44-200-193-166.comp... x +

Host 'ec2-44-200-193-166.compute-1.amazonaws.com' resolved to 44.200.193.166.  
Connecting to 44.200.193.166:22...  
Connection established.  
To escape to local shell, press 'Ctrl+Alt+J'.

**WARNING!** The remote SSH server rejected X11 forwarding request.

```
 _ | _ | _ )  
 _ | ( _ /  Amazon Linux 2 AMI  
 _ | \ _ | _ |
```

<https://aws.amazon.com/amazon-linux-2/>

31 package(s) needed for security, out of 73 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-66-168 ~]\$ sudo su

[root@ip-172-31-66-168 ec2-user]# cd

[root@ip-172-31-66-168 ~]# sudo systemctl stop mssql-server

[root@ip-172-31-66-168 ~]# sudo /opt/mssql/bin/mssql-conf set-sa-password

Enter the SQL Server system administrator password:

[1]+ Stopped sudo /opt/mssql/bin/mssql-conf set-sa-password

[root@ip-172-31-66-168 ~]# sudo systemctl stop mssql-server

[root@ip-172-31-66-168 ~]# sudo /opt/mssql/bin/mssql-conf set-sa-password

Enter the SQL Server system administrator password:

Confirm the SQL Server system administrator password:

Configuring SQL Server...

ForceFlush is enabled for this instance.

ForceFlush feature is enabled for log durability.

The system administrator password has been changed.

Please run 'sudo systemctl start mssql-server' to start SQL Server.

[root@ip-172-31-66-168 ~]#

ssh://ec2-user@ec2-44-200-193-166.compute-1.amazonaws.com:22

SSH2

xterm

171x33

33,28

1 session

CAP NUM



 Ready

Connect ▾      

- ⊕ Databases
- ⊕ Security
- ⊕ Server Objects
- ⊕ Replication
- ⊕ PolyBase
- ⊕ Always On High Availability
- ⊕ Management
- ⊕ Integration Services Catalogs
  - ⚠ SQL Server Agent (Agent XPs disabled)
- ⊕ XEvent Profiler

```
CREATE DATABASE fbs;
```

 Messages

Completion time: 2022-08-30T12:54:49.6121883+05:30

✔ Query executed successfully.

44.200.193.166 (14.0 RTM)	sa (52)	master	00:00:00	0 rows
---------------------------	---------	--------	----------	--------



Connect ▾      

- ⊕ Databases
- ⊕ Security
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- ⊕ Replication
- ⊕ PolyBase
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- ⊕ Management
- ⊕ Integration Services Catalogs
  - ⚠ SQL Server Agent (Agent XPs disabled)
- ⊕ XEvent Profiler

```

Insert into student(student_id,first_name,last_name,age,mark) values
(1,'sanjeet','dash',22,89),
(2,'subrat','patra',22,98),
(3,'pnaki','biswal',21,88),
(4,'survi','singh',21,95),
(5,'dinesh','mohapatra',22,89),
(6,'purusottam','gupta',23,99),
(7,'amit','gupta',22,92);

```

 Messages

Completion time: 2022-08-30T13:09:23.8008653+05:30

✔ Query executed successfully.

44.200.193.166 (14.0 RTM)	sa (52)	fbs	00:00:00	0 rows
---------------------------	---------	-----	----------	--------



Connect      

- ⊕ Databases
- ⊕ Security
- ⊕ Server Objects
- ⊕ Replication
- ⊕ PolyBase
- ⊕ Always On High Availability
- ⊕ Management
- ⊕ Integration Services Catalogs
  - ⚠ SQL Server Agent (Agent XPs disabled)
- ⊕ XEvent Profiler

```
[-] select * from student;
```

Results Messages

	student_id	first_name	last_name	age	mark
1	1	sanjeet	dash	22	89
2	2	subrat	patra	22	98
3	3	pnaki	biswal	21	88
4	4	survi	singh	21	95
5	5	dinesh	mohapatra	22	89
6	6	purusottam	gupta	23	99
7	7	amit	gupta	22	92

44.200.193.166 (14.0 RTM)	sa (52)	fbs	00:00:00	7 rows
---------------------------	---------	-----	----------	--------



## AWS DMS

☐ DMS Studio [New](#)[Dashboard](#)[Database migration tasks](#)[Replication instances](#)[Endpoints](#)[Certificates](#)[Subnet groups](#)[Events](#)[Event subscriptions](#)[What's new](#) 13[DMS](#) > [Endpoints](#) > [source-server](#) > Test endpoint connection

# Test endpoint connection

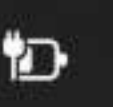
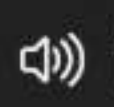
**Replication instance**

A replication instance performs the database migration

test1

**Run test**

Endpoint identifier	Replication instance	Status	Message
source-server	test1	successful	

[Back](#)



## AWS DMS

☐ DMS Studio [New](#)[Dashboard](#)[Database migration tasks](#)[Replication instances](#)[Endpoints](#)[Certificates](#)[Subnet groups](#)[Events](#)[Event subscriptions](#)[What's new](#) 13

DMS &gt; Replication instances

## Replication instances (1)

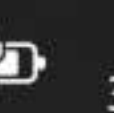
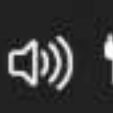
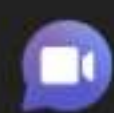


Actions ▼

[Create replication instance](#)

&lt; 1 &gt;

<input checked="" type="checkbox"/>	Name ▼	Status ▼	VPC ▼	Class ▼	Engine version ▼	Availability zone ▼
<input checked="" type="checkbox"/>	test1	Available	vpc-0d3b3fd7fd6318ae8	dms.t3.medium	3.4.6	us-east-1d





## AWS DMS



☐ DMS Studio [New](#)

Dashboard

Database migration tasks

Replication instances

**Endpoints**

Certificates

Subnet groups

Events

Event subscriptions

What's new **13**

database-1 deletion in progress.

DMS > Endpoints

### Endpoints (2)

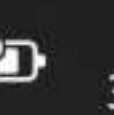
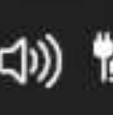
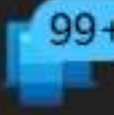


Actions ▼

Create endpoint

< 1 >

<input type="checkbox"/>	Name ▼	Type ▼	Status ▼	Engine ▼	Server name
<input type="checkbox"/>	database-1	Target	Deleting	Microsoft SQL Server	database-1.coufdrkjc7ga.us-east-1.rds.amazonaws.com
<input type="checkbox"/>	<a href="#">source-server</a>	Source	Active	Microsoft SQL Server	44.200.193.166





[Spot Requests](#)[Savings Plans](#)[Reserved Instances](#) New[Dedicated Hosts](#)[Scheduled Instances](#)[Capacity Reservations](#)

## ▼ Images

[AMIs](#) New[AMI Catalog](#)

## ▼ Elastic Block Store

[Volumes](#) New[Snapshots](#) New[Lifecycle Manager](#) New

## ▼ Network & Security

### Volumes (2)



Actions ▼

[Create volume](#)

&lt; 1 &gt;

<input type="checkbox"/>	Name ▼	Volume ID ▼	Type ▼	Size ▼	IOPS ▼	Throughput ▼	Snapshot ▼
<input type="checkbox"/>	sql-server	<a href="#">vol-072795c86ee0cb005</a>	gp2	8 GiB	100	-	snap-05603eb...
<input type="checkbox"/>	-	<a href="#">vol-06a56df07de760032</a>	gp2	20 GiB	100	-	-

Select a volume above

