

Deploy an EC2 instance in the public subnet and install MySQL client

EC2 > Instances > i-056f8a5e64b35446e

Instance summary for i-056f8a5e64b35446e (MySQLClient) Info

Connect

Instance state ▼

Actions ▼

Instance ID i-056f8a5e64b35446e (MySQLClient)	Public IPv4 address 34.236.134.23 open address	Private IPv4 addresses 20.0.0.32
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-34-236-134-23.compute-1.amazonaws.com open address
Private IPv4 DNS ip-20-0-0-32.ec2.internal	Instance type t2.micro	Elastic IP addresses -
VPC ID vpc-01e278157d7a9f202 (Fall2021_)	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	IAM Role -
Subnet ID subnet-0c8d58ff5ec2de184 (Public subnet)		

```
[ec2-user@ip-20-0-0-32 ~]$ sudo yum install mysql
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00
Package 1:mariadb-5.5.68-1.amzn2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-20-0-0-32 ~]$
```

Deploy an EC2 instance in the private subnet and install MySQL Server

EC2 > Instances > i-0e67c5bac920519af

Instance summary for i-0e67c5bac920519af (MySQLServer) Info

Connect

Instance state ▼

Actions ▼

Instance ID i-0e67c5bac920519af (MySQLServer)	Public IPv4 address -	Private IPv4 addresses 20.0.1.84
IPv6 address -	Instance state Running	Public IPv4 DNS -
Private IPv4 DNS ip-20-0-1-84.ec2.internal	Instance type t2.micro	Elastic IP addresses -
VPC ID vpc-01e278157d7a9f202 (Fall2021_)	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	IAM Role -
Subnet ID subnet-0fec78d781ccb62f3 (Private subnet)		

```
[ec2-user@ip-20-0-1-84 ~]$ sudo yum install mysql-community-server
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
45 packages excluded due to repository priority protections
Package mysql-community-server-5.7.35-1.el7.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-20-0-1-84 ~]$
```

Log-in in to your MySQL server from the EC2 instance deployed in the public subnet.

```
[ec2-user@ip-20-0-0-32 ~]$ mysql -u root -p -h 20.0.1.84
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 18
Server version: 5.7.35 MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> client_loop: send disconnect: Broken pipe
```