I am a relatively new with django; but have been doing python for a little while. I have a python program that I can run from my Mac, it connects to RDS and works fine. I also can connect using mysql from my mac that works fine too.

When I use the same connection strings that are working for django it fails. I have found that instead of honoring the database settings in settings.py it connects to the local mysql on my mac. I am not sure how to get it to honor the settings.py file.

Here are the specifics:

settings.py includes:

DATABASES = {

'default': {

'ENGINE' : 'django.db.backends.mysql',

'DATABASE\_NAME' : 'django',

'DATABASE\_USER' : 'ipsgo',

'DATABASE\_PASSWORD' : ‘nottherealpassword,

'DATABASE\_HOST' :'devdb.cld9sdiplb4g.us-west-2.rds.amazonaws.com',

'DATABASE\_PORT' : '3306',

}

}

The connection string looks like this from my python program:

print "Connecting to MySQL using MySQLdb: ", "host="+endpoint+","+"user="+config.db\_user+","+"passwd="+config.db\_password+","+"db="+config.db\_name+","+"port="+str(port)

mydb=MySQLdb.connect(host=config.db\_endpoint,user=config.db\_user,passwd=config.db\_password,db=config.db\_name,port=config.db\_port)

print "Connected to MySQL: "

The debug statement above:

Connecting to MySQL using MySQLdb: host=devdb.cld9sdiplb4g.us-west-2.rds.amazonaws.com,user=ipsgo,passwd=nottherealpassword,db=CoLo\_db,port=3306

Also I can connect with mysql:

685b3596717e:colodb browdavi$ mysql -h devdb.cld9sdiplb4g.us-west-2.rds.amazonaws.com --user=ipsgo --password=notrealpassword

Warning: Using a password on the command line interface can be insecure.

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 154

Server version: 5.6.22-log MySQL Community Server (GPL)

Copyright (c) 2000, 2015, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its

affiliates. Other names may be trademarks of their respective

owners.

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

mysql> status

--------------

mysql Ver 14.14 Distrib 5.6.23, for osx10.9 (x86\_64) using EditLine wrapper

Connection id: 154

Current database:

Current user: ipsgo@205.251.233.51

SSL: Not in use

Current pager: stdout

Using outfile: ''

Using delimiter: ;

Server version: 5.6.22-log MySQL Community Server (GPL)

Protocol version: 10

Connection: devdb.cld9sdiplb4g.us-west-2.rds.amazonaws.com via TCP/IP

Server characterset: latin1

Db characterset: latin1

Client characterset: utf8

Conn. characterset: utf8

TCP port: 3306

Uptime: 8 hours 16 min 52 sec

Threads: 4 Questions: 25457 Slow queries: 0 Opens: 2749 Flush tables: 1 Open tables: 61 Queries per second avg: 0.853

This works too.

I have set up django on my mac for development and used the same parameters. It fails with the following error when I try to migrate the database:

python manage.py migrate

Traceback (most recent call last):

File "manage.py", line 10, in <module>

[bunch of trace back removed]

File "build/bdist.macosx-10.9-x86\_64/egg/MySQLdb/cursors.py", line 174, in execute

File "build/bdist.macosx-10.9-x86\_64/egg/MySQLdb/connections.py", line 36, in defaulterrorhandler

django.db.utils.OperationalError: (1046, 'No database selected')

This indicates that I haven’t created the actual database, which I did.

So I looked closer by using the manage.py dbshell command:

./manage.py dbshell

mysql> status

--------------

mysql Ver 14.14 Distrib 5.6.23, for osx10.9 (x86\_64) using EditLine wrapper

Connection id: 17

Current database:

Current user: browdavi@localhost

SSL: Not in use

Current pager: stdout

Using outfile: ''

Using delimiter: ;

Server version: 5.6.23 Homebrew

Protocol version: 10

Connection: Localhost via UNIX socket

Server characterset: utf8

Db characterset: utf8

Client characterset: utf8

Conn. characterset: utf8

UNIX socket: /tmp/mysql.sock

Uptime: 3 days 6 hours 18 min 15 sec

Threads: 1 Questions: 76 Slow queries: 0 Opens: 67 Flush tables: 1 Open tables: 60 Queries per second avg: 0.000

--------------

So for some reason its connecting to my local mysql not the one in the settings.py file.

Why?