

Python MySQL OperationalError: 1045, "Access denied for user root@'localhost'"

Asked 10 years, 8 months ago Modified 10 years, 8 months ago Viewed 37k times



I was trying to access the database from my python program by:

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```
db = mysql.connect(host = 'localhost', user = 'Max', passwd = 'maxkim', db = 'TESTDB')
cursor = db.cursor()
```



But, I get an error message in the first line of code.



```
OperationalError: (1045, "Access denied for user 'Max'@'localhost' (using password: YES)")
```

To remedy the situation, I did the following:

```
$ mysql -u Max-p
Enter password: maxkim

mysql> create database TESTDB;
mysql> grant usage on *.* to Max@localhost identified by 'maxkim';
mysql> grant all privileges on TESTDB.* to Max@localhost ;
mysql> exit
```

If I have granted all access to the the database for the user "Max" (me), why can't I still connect in python?

python mysql

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asked Jul 2, 2013 at 12:22



Max Kim

1,124 6 15 28

2 Answers

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You can try adding *GRANT OPTION* at the end:

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```
GRANT all privileges on TESTDB.* to 'Max'@'localhost' IDENTIFIED BY 'maxkim' WITH GRANT
OPTION;
```



You can also use the below command to find the grants for a user:



```
SHOW GRANTS FOR 'Max'@'localhost';
```



Also See:

- [MySQL ERROR 1045 \(28000\): Access denied for user 'bill'@'localhost' \(using_password: YES\)](#).

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edited May 23, 2017 at 12:18



Community Bot

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answered Jul 2, 2013 at 12:28



Rohit Jain

211k 45 412 528

Thanks, the GRANT OPTION was the key for me – [nighthawk454](#) Jul 18, 2014 at 4:12



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I suggest to everyone to always use **mysql_setpermission** rather than direct MySQL statements, **mysql_setpermission** does everything for you including FLUSHing. Any other way is prone to mistakes.



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answered Jul 2, 2013 at 12:56



Noam Rathaus

5,516 2 29 37

