**How to Prevent Blocked Host Connection from Many Connection Errors in MySQL**

MySQL has a parameter called max\_connect\_errors to prevent user from connecting to the database if they make too many connection errors (e.g. from wrong password) for security reason. The default for this value is 10. In case of AWS RDS, I don’t think the value is set. Therefore, when you are trying to connect to MySQL without changing this parameter, you will get the error message below.

**Host ‘<host Ip address>’ is blocked because of many connection errors; unblock with ‘mysqladmin flush-host’.**

It also has a similar parameter called max\_error\_count. If a user makes more errors than this value, they will be blocked and get the same host blocked error.

The solution to prevent this error from happening is simple. Increase max\_connect\_errors and max\_error\_count.

First of all, you can check these variables with SQL commands

[cc lang="sql" tab\_size="4" lines="-1" theme="mac-classic"]

show variables like 'max\_connect\_errors';

show variables like 'max\_error\_count';

[/cc]

You can increase the value

[cc lang="sql" tab\_size="4" lines="-1" theme="mac-classic"]

Set Global max\_connect\_errors=100000;

Set Global max\_error\_count=10000;

[/cc]

In AWS RDS, you can manually edit the parameter group for the instance. This is especially useful when you get the error and locked out from accessing the database as you do not have the direct host access for RDS.

