MySQL Databases on webpages.sou.edu

Brad Christ - 2022-04-26 - Comments (0) - Web

MySQL databases are available for non-production and educational use to students, faculty, and staff on webpages.sou.edu

Two databases are automatically created upon your first login, they are usr_username_0 and user_username_1 (replace username with your SOU username).

There is a ".my.cnf" file in your home directory on the webpages.sou.edu server. This file contains your MySQL password (use your SOU username).

To access webpages.sou.edu, use any SSH client. For Windows, we recommend PuTTY. Mac and Linux systems have SSH clients built-in to the operating system.

For remote access form an on-campus computer, MySQL runs on the standard port of 3306. MySQL remote access is not available from off-campus (use SSH instead). Try the following settings to connect via SSH tunneling from off-campus. This is easily performed in MySQL Workbench but can be made to work through your preferred SSH client by first connecting to the server via SSH and then launching mysql at the shell.

Instructions for Any SSH Client (PuTTY, OpenSSH, etc)

ssh racod@webpages.sou.edu

racod@webpages.sou.edu's password:

[racod@apwebpages02v ~]$ cat .my.cnf

[client]

password=<your mysql password is here>
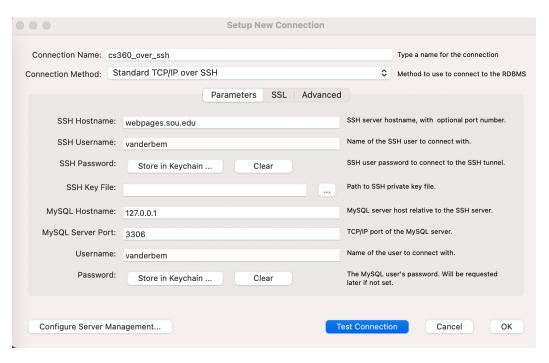
[racod@apwebpages02v ~]$ mysql -u racod -p

Enter password: <myql password from the .my.cnf file>

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

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

MariaDB [(none)]> show databases;

```
+--------------------+
| Database           |
+--------------------+
| information_schema |
| usr_racod_0        |
| usr_racod_1        |
+--------------------+
```

3 rows in set (0.013 sec)

MariaDB [(none)]> Bye

MySQL Workbench Settings

SSH Hostname: webpages.sou.edu

SSH Username: <your regular SOU username>

SSH Password: <your regular SOU password>

MySQL Hostname: 127.0.0.1

MySQL Server Port: 3306

MySQL Username: <your regular SOU username>

MySQL Password: <your MySQL password from your .my.cnf file>

Setup New Connection

Connection Name: cs360_over_ssh   Type a name for the connection

Connection Method: Standard TCP/IP over SSH   Method to use to connect to the RDBMS

Parameters | SSL | Advanced

SSH Hostname: webpages.sou.edu   SSH server hostname, with optional port number.

SSH Username: vanderbem   Name of the SSH user to connect with.

SSH Password: [Store in Keychain ...] [Clear]   SSH user password to connect to the SSH tunnel.

SSH Key File: [_____] [...]   Path to SSH private key file.

MySQL Hostname: 127.0.0.1   MySQL server host relative to the SSH server.

MySQL Server Port: 3306   TCP/IP port of the MySQL server.

Username: vanderbem   Name of the user to connect with.

Password: [Store in Keychain ...] [Clear]   The MySQL user's password. Will be requested later if not set.

[Configure Server Management...]   [Test Connection]   [Cancel]   [OK]

If your MySQL password is not working, please contact the IT Help Desk for assistance.