Server(host): boi-tstmysql01

Port: 3306, (the slave database is on Port 3307)

Username: TaosAdmin

Password: TaosAdmin

1. Log into the MySQL database instance on boi-tstmysql01 using the TaosAdmin username.

Connection Information:

Host: localhost

Port: 3306

Username: TaosAdmin

Password: TaosAdmin

Answer: mysql -h localhost -P 3306 -u TaosAdmin -p

1. Issue the MySQL command that lists all of the databases that are currently on the MySQL database instance.

Answer: show databases;

1. From a MySSQL prompt, use the HELP command to determine the syntax needed to create a new database.

Answer: help create database

1. Use the syntax found in step 3 to create a new database. Use your username as the name of the database.

Answer: create database <taos\_username>;

1. Use the show command to determine if the binary logs are turned on.

Hint: The variable for determining if the binary logs are turned on is log\_bin.

Answer: show variables like 'log\_bin';

1. Use the SOURCE command to create the world tables in the database that you just created (be sure to use the “USE <name\_of\_database\_you\_just\_created>;” command first to set your working database). The path and filename is C:\MySQL\Exercises\world\_innodb.sql.

Extra Credit: Try creating the tables by running the script from an OS command prompt (Hint: Use the –D switch on the command line and then specify the name of the database you want to load the tables into).

Answer: source c:\mysql\exercises\world\_innodb.sql

Answer: mysql -u TaosAdmin -pTaosAdmin -D tmcdonald < C:/MySQL/Exercises/world\_innodb.sql

Answer: mysql -u TaosAdmin -pTaosAdmin tmcdonald < C:/MySQL/Exercises/world\_innodb.sql

1. Use a SQL command to dump the contents of the city table into a text file. Name the file city<username>.txt. Below is some additional information for creating the text file.

SQL Statement: SELECT \* FROM city;

File path: c:/temp/world<username>.txt

Extra Credit: Try creating the file from the MySQL command prompt. (Hint: Use the file redirection operation “>”)

Answer: select \* from city into outfile 'c:/temp/worldtmcdonald.txt';

Answer: mysql -u TaosAdmin -pTaosAdmin -D tmcdonald -e "select \* from city" > c:/temp/worldtmcdonald.txt

1. Type in the command “SHOW MASTER STATUS;”. What is the name of the current bin\_log file and what is its current log position?

Answer: show master status;

1. Log into the slave server. Use the same connection information as in step 1, with the exception of the Port number (the Port number on the slave server is 3307). Issue the command that lists all of the databases on this database instance. Are these the same databases as are on the other database instance?

Answer: mysql -h localhost -P 3306 -u TaosAdmin -p

1. Run the command to show the status of the slave. Is the slave currently up? What is the name of the master host? What is the name of the master user?

Answer: show slave status;, boi-tstmysql01, repl\_user