**Laboratory Report Cover Sheet   
DeVry University  
College of Engineering and Information Sciences**

**Course Number: DBM438**

**Professor:**

**Laboratory Number:** 7

**Laboratory Title:** Database Backup, Replication, and Recovery

**Submittal Date:** 4/17/2016

***Objectives:***

This week we will be creating and managing database backups and how the backups are used to recover databases when they become corrupted. We will be demonstrating binary backup and text backup.

***Lab Results from MySQL Server—As per your lab instructions, you will need to copy the contents of your lab output file in your VM into this document here before submitting this lab report to the Dropbox.***

mysql> SHOW MASTER STATUS;

Empty set (0.00 sec)

mysql> quit

mysql> SHOW MASTER STATUS;

+------------------+----------+--------------+------------------+-------------------+

| File | Position | Binlog\_Do\_DB | Binlog\_Ignore\_DB | Executed\_Gtid\_Set |

+------------------+----------+--------------+------------------+-------------------+

| BEIYE-bin.000001 | 120 | | | |

+------------------+----------+--------------+------------------+-------------------+

1 row in set (0.00 sec)

mysql> #3.C

mysql> use devrydbm438;

Database changed

mysql> lock table emp read;

Query OK, 0 rows affected (0.00 sec)

mysql> lock table dept read;

Query OK, 0 rows affected (0.00 sec)

mysql> lock table salgrade read;

Query OK, 0 rows affected (0.01 sec)

mysql> lock table bonus read;

Query OK, 0 rows affected (0.00 sec)

mysql> #3.D

mysql> #3.F

mysql> quit

mysql> use devrydbm438;

Database changed

mysql> select \* from emp;

+-------+--------+-----------+------+------------+---------+---------+--------+

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

+-------+--------+-----------+------+------------+---------+---------+--------+

| 7369 | SMITH | CLERK | 7902 | 2004-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 2004-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 2004-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 2005-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 2005-08-09 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 2004-05-02 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 2005-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 2003-07-07 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 2003-11-25 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 2005-09-02 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 2003-07-03 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 2002-12-02 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 2004-12-02 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 2005-01-23 | 1300.00 | NULL | 10 |

+-------+--------+-----------+------+------------+---------+---------+--------+

14 rows in set (0.00 sec)

mysql> #5.B

mysql> USE devrydbm438;

Database changed

mysql> select \* from emp;

+-------+--------+-----------+------+------------+---------+---------+--------+

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

+-------+--------+-----------+------+------------+---------+---------+--------+

| 7369 | SMITH | CLERK | 7902 | 2004-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 2004-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 2004-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 2005-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 2005-08-09 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 2004-05-02 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 2005-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 2003-07-07 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 2003-11-25 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 2005-09-02 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 2003-07-03 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 2002-12-02 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 2004-12-02 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 2005-01-23 | 1300.00 | NULL | 10 |

+-------+--------+-----------+------+------------+---------+---------+--------+

14 rows in set (0.00 sec)

mysql> #5.C

mysql> quit

mysql> #5.E

mysql> USE devrydbm438;

Database changed

mysql> #5.F

mysql> source d:/dbm438/devrydbm438\_backup.sql

Query OK, 12 rows affected (0.09 sec)

Query OK, 1 row affected (0.00 sec)

Database changed

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 14 rows affected (0.00 sec)

Records: 14 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 20 rows affected (0.00 sec)

Records: 20 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 20 rows affected (0.00 sec)

Records: 20 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 21 rows affected (0.00 sec)

Records: 21 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 14 rows affected (0.01 sec)

Records: 14 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 4 rows affected (0.00 sec)

Records: 4 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 14 rows affected (0.01 sec)

Records: 14 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 32 rows affected (0.00 sec)

Records: 32 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 4 rows affected (0.00 sec)

Records: 4 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 6 rows affected (0.01 sec)

Records: 6 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 5 rows affected (0.00 sec)

Records: 5 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from emp;

+-------+--------+-----------+------+------------+---------+---------+--------+

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

+-------+--------+-----------+------+------------+---------+---------+--------+

| 7369 | SMITH | CLERK | 7902 | 2004-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 2004-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 2004-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 2005-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 2005-08-09 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 2004-05-02 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 2005-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 2003-07-07 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 2003-11-25 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 2005-09-02 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 2003-07-03 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 2002-12-02 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 2004-12-02 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 2005-01-23 | 1300.00 | NULL | 10 |

+-------+--------+-----------+------+------------+---------+---------+--------+

14 rows in set (0.01 sec)

mysql> use devrydbm438;

Database changed

mysql> select \* from emp;

+-------+--------+-----------+------+------------+---------+---------+--------+

| EMPNO | ENAME | JOB | MGR | HIREDATE | SAL | COMM | DEPTNO |

+-------+--------+-----------+------+------------+---------+---------+--------+

| 7369 | SMITH | CLERK | 7902 | 2004-12-17 | 800.00 | NULL | 20 |

| 7499 | ALLEN | SALESMAN | 7698 | 2004-02-20 | 1600.00 | 300.00 | 30 |

| 7521 | WARD | SALESMAN | 7698 | 2004-02-22 | 1250.00 | 500.00 | 30 |

| 7566 | JONES | MANAGER | 7839 | 2005-04-02 | 2975.00 | NULL | 20 |

| 7654 | MARTIN | SALESMAN | 7698 | 2005-08-09 | 1250.00 | 1400.00 | 30 |

| 7698 | BLAKE | MANAGER | 7839 | 2004-05-02 | 2850.00 | NULL | 30 |

| 7782 | CLARK | MANAGER | 7839 | 2005-06-09 | 2450.00 | NULL | 10 |

| 7788 | SCOTT | ANALYST | 7566 | 2003-07-07 | 3000.00 | NULL | 20 |

| 7839 | KING | PRESIDENT | NULL | 2003-11-25 | 5000.00 | NULL | 10 |

| 7844 | TURNER | SALESMAN | 7698 | 2005-09-02 | 1500.00 | 0.00 | 30 |

| 7876 | ADAMS | CLERK | 7788 | 2003-07-03 | 1100.00 | NULL | 20 |

| 7900 | JAMES | CLERK | 7698 | 2002-12-02 | 950.00 | NULL | 30 |

| 7902 | FORD | ANALYST | 7566 | 2004-12-02 | 3000.00 | NULL | 20 |

| 7934 | MILLER | CLERK | 7782 | 2005-01-23 | 1300.00 | NULL | 10 |

+-------+--------+-----------+------+------------+---------+---------+--------+

14 rows in set (0.00 sec)

mysql> stop

-> quit

-> stop;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'quit

stop' at line 2

mysql> quit

***Conclusions:***

After setting the session to use the devrydbm438 database, write a query to select all of the contents from the EMP table. What was the result? Add content to the Conclusions section of the iLab Report stating the results and reason.

After selecting the database and choosing using the command SELECT \* FROM EMP; we were able to see the table of employees.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Student:*** | KEVIN NGUYEN |  | WK 7 |  | KN |
|  | Name |  | Program |  | Signature |