

ISLEVER

1Z0-883

MySQL 5.6 Database Administrator

DEMO

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QUESTION NO: 1

A simple master-to-slave replication is currently being used. The following information is extracted from the SHOW SLAVE STATUS output:

Last_SQL_Error: Error 'Duplicate entry '8' for key 'PRIMARY' ' on query. Default database: 'mydb'.
Query: 'insert into mytable VALUES ('8' , 'George)' '

Skip_Counter: 0

Retrieved _Gtid_Set: 38f32e23480a7-32a1-c323f78067fd37821: 1-8

Auto _Position: 1

You execute a "SHOW CREATE TABLE mytable" on the slave:

```
CREATE TABLE 'mytable' (  
'ID' int(11) NOT NULL DEFAULT '0',  
'name' char(10) DEFAULT NULL,  
PRIMARY KEY ('ID')  
)
```

The table mytable on the slave contains the following:

ID	NAME
7	Nancy
8	Goerge

You have issued a STOP SLAVE command. One or more statements are required before you can issue a START SLAVE command to resolve the duplicate key error.

Which statement should be used?

- A.** SET GLOBAL SQL_SKIP_SLAVE_COUNTER=1
- B.** SET GTID_NEXT="CONSISTENCY";
BEGIN; COMMIT;
SET GTID_NEXT="AUTOMATIC";

C. SET GLOBAL enforce_gtid_consistency=ON
D. SET GTID_EXECUTED="38f32e23480a7-32a1-c323f78067fd37821 : 9";
E. SET GTID_NEXT="38f32e23480a7-32a1-c323f78067fd37821 : 9";
BEGIN; COMMIT;
SET GTID_NEXT="AUTOMATIC";

Answer: A

Explanation:

QUESTION NO: 2

Consider the following statement on a RANGE partitioned table:

```
ALTER TABLE orders DROP PARTITION p1, p3;
```

What is the outcome of executing the above statement?

- A. Only the first partition (p1) will be dropped as only one can be dropped at any time.
- B. All data in p1 and p3 partitions are removed, but the table definition remains unchanged.
- C. A syntax error will result as you cannot specify more than one partition in the same statement.
- D. All data in p1 and p3 partitions are removed and the table definition is changed.

Answer: B

Reference: http://docs.oracle.com/cd/F49540_01/DOC/server.815/a67772/partiti.htm

QUESTION NO: 3

You inherit a legacy database system when the previous DBA, Bob, leaves the company. You are notified that users are getting the following error:

```
mysql> CALL film_in_stock (40, 2, @count);
```

```
ERROR 1449 (HY000): The user specified as a definer ('bon'@'localhost') does not exist
```

How would you identify all stored procedures that pose the same problem?

- A. Execute `SELECT * FROM mysql.routines WHERE DEFINER='bob@localhost';`
- B. Execute `SHOW ROUTINES WHERE DEFINER='bob@localhost';`
- C. Execute `SELECT * FROM INFORMATION_SCHEMA.ROUTINES WHERE`

DEFINER='bob@localhost';

D. Execute `SELECT * FROM INFORMATION_SCHEMA.PROCESSLIST WHERE USER='bob' and HOST='localhost';`

E. Examine the Mysql error log for other ERROR 1449 messages.

Answer: D

Explanation:

QUESTION NO: 4

When designing an InnoDB table, identify an advantage of using the BIT datatype Instead of one of the integer datatypes.

A. BIT columns are written by InnoDB at the head of the row, meaning they are always the first to be retrieved.

B. Multiple BIT columns pack tightly into a row, using less space.

C. BIT (8) takes less space than eight TINYINT fields.

D. The BIT columns can be manipulated with the bitwise operators `&`, `|`, `~`, `^`, `<<`, and `>>`. The other integer types cannot.

Answer: B

Explanation:

QUESTION NO: 5

ROW-based replication has stopped working. You investigate the error log file and find the following entries:

```
2013-08-27 14:15:47 9056 [ERROR] Slave SQL: Could not execute Delete_rows event on table test.t1; Can't find record in 't1', Error_code: 1032; handler error
```

```
HA_ERR_KEY_NOT_FOUND; the event's master log 56_master-bin. 000003, end_log_pos 851, Error_code: 1032
```

```
2013-08-27 14:15:47 9056 [warning] Slave: Can't find record in 't1' Error_code: 1032
```

```
2013-08-27 14:15:47 9056 [ERROR] Error running query, slave SQL thread aborted. Fix the problem, and restart the slave SQL thread with "SLAVE START". We stopped at log '56_master-bin. 000003' position 684
```

Why did you receive this error?