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Vendor:Oracle

Exam Code:1Z0-888

Exam Name:MySQL 5.7 Database Administrator

Version:Demo

QUESTION 1

You want to create the first configuration file for a new installation of MySQL.

1.
You will start mysqld manually (not automate it to start when the host machine starts or execute as a service).
2.
You will stop mysqld using mysqladmin.
3.
You will interact with mysqld by using only the command-line client mysql.

Which option identifies a maximal set of sections where you can put the "max_allowed_packet=16M" parameter without creating a problem?

- A. [mysql] and [mysqld] and [mysqladmin]
- B. [mysql] and [mysqladmin]
- C. [mysql]
- D. [mysqld]
- E. [mysqld] and [mysqladmin]
- F. [mysqladmin]
- G. [mysql] and [mysqld]

Correct Answer: C

Reference: <https://dev.mysql.com/doc/refman/8.0/en/program-variables.html>

QUESTION 2

Which two methods accurately monitor the size of your total database size over time? (Choose two.)

- A. monitoring the Innodb_rows_inserted status variable
- B. monitoring the innodb_redo_log_size variable
- C. monitoring the information_schema.TABLES table
- D. monitoring datadir size in the operating system
- E. monitoring cumulative Innodb_page_size increase
- F. monitoring the performance_schema_hosts_size variable

Correct Answer: CF

QUESTION 3

Consider these global status variables: Which two conclusions can be made from the output? (Choose two.)

```
mysql> SELECT *
      FROM performace_schema.global_status
      WHERE VARIABLE_NAME LIKE '%connection%'
      OR VARIABLE_NAME LIKE '%thread%';
```

VARIABLE_NAME	VARIABLE_VALUE
Connection_errors_accept	0
Connection_errors_internal	6
Connection_errors_max_connections	0
Connections_errors_peer_address	0
Connection_errors_select	0
Connection_errors_tcpwrap	0
Connections	510
Delayed_insert_threads	0
Max_used_connections	145
Max_used_connections_time	2018-03-22 14:54:06
Performance_schema_thread_classes_lost	0
Performance_schema_thread_instances_lost	0
Slow_launch_threads	0
Threads_cached	6
Threads_connected	140
Threads_created	155
Threads_running	14

17 rows in set (0.00 sec)

- A. There are 140 Performance Schema threads at the time of the output.
- B. There are 510 connections to MySQL at the time of the output.
- C. The thread cache has been configured with thread_cache_size set to at least 6.
- D. There are more connections being idle than executing queries.

E. All max_connections were in use at 2018-03-22 14:54:06

Correct Answer: BD

QUESTION 4

In which order does MySQL process an incoming INSERT statement?

- A. It checks whether the user is authorized to perform the query, writes to the binary log, and then optimizes it.
- B. It checks whether the user is authorized to perform the query, optimizes it, and then writes to the binary log.
- C. It writes the query to the binary log, optimizes it, and then checks whether the user is authorized to perform the query.
- D. It optimizes the query, checks whether the user is authorized to perform it, and then writes to the binary log.

Correct Answer: C

QUESTION 5

Group Replication uses global transaction identifiers to track executed transactions and are fundamental in avoiding transaction conflict. Which additional three steps help in avoiding conflicts in group replication? (Choose three.)

- A. Set isolation level to be SERIALIZABLE.
- B. Use the binary log row format.
- C. Set isolation level to be READ COMMITTED.
- D. Configure IPv6 network for hosts.
- E. Guarantee a secondary index on every table.
- F. Guarantee a primary key on every table.
- G. Set multiple slave parallel worker threads.

Correct Answer: ABF

QUESTION 6

You back up by using mysqldump.

Which configuration is required on the MySQL Server to allow point-in-time recovery?

- A. binlog_format=STATEMENT
- B. log-bin
- C. apply-log

D. bonlog_format=ROW

E. gtid_enable

Correct Answer: B

Reference: <https://dev.mysql.com/doc/mysql-backup-excerpt/5.7/en/point-in-time-recovery.html>

QUESTION 7

You are investigating the performance of the server and see this information:

events_waits_summary_global_by_event_name in the Performance Schema shows that the wait/synch/mutex/sql/LOCK_table_cache event is dominating other wait events.

The Table_open_cache_overflows status variable is 0.

Which action should be taken to remove the performance bottleneck described here?

A. Increase the value of table_open_cache_instances.

B. Decrease the value of table_definition_cache.

C. Decrease the value of table_open_cache.

D. Increase the value of table_definition_cache.

E. Increase the value of table_open_cache.

F. Decrease the value of table_open_cache instances.

Correct Answer: A

QUESTION 8

You have a MySQL replication setup and you intentionally stop the SQL thread on the slave.

```
mysql> SHOW SLAVE STATUS\G
...
Slave_IO_Running: Yes
Slave_SQL_Running: No
```

What are two reasons that you may stop the SQL thread on the slave while keeping the I/O thread running? (Choose two.)

A. to allow the remaining events to be processed on the slave while not receiving new events from the master

B. to allow a backup to be created under reduced load

- C. to allow for point-in-time recovery on the slave
- D. to prevent schema changes from propagating to the slave before they are validated
- E. to prevent any transaction experiencing a deadlock

Correct Answer: BC

QUESTION 9

You have created a new user with this statement:

```
CREATE USER `erika`@`localhost` IDENTIFIED BY `first#1Pass` PASSWORD EXPIRE;
```

What is the outcome?

- A. When `erika`@`localhost` tries to log in with the MySQL command-line client, the user will have to change the password before seeing the mysql> prompt.
- B. When `erika`@`localhost` tries to log in with the MySQL command-line client, the user will not be permitted to log in because the password is expired.
- C. When `erika`@`localhost` tries to log in with the MySQL command-line client, the user will be permitted to log in but will not be able to issue any statements until the user changes the password.
- D. You receive a syntax error that indicates that you cannot set a password and expire it at the same time.

Correct Answer: A

QUESTION 10

Suppose you are adding rows to a MyISAM table and the --datadir location runs out of disk space. What will happen when this occurs?

- A. The server will crash.
- B. The server suspends that INSERT operation until space becomes available.
- C. An error message will be returned to the client .Server Error: ER_IO
- D. The server suspends operations for all storage engines until space becomes available.

Correct Answer: B

QUESTION 11

While attempting to set up a new replication slave on host `192.168.0.25` with the user `replication`, you encounter this error:

```
ERROR 1218 (08S01): Error connecting to master: Host '192.168.0.25' is not allowed to connect to this MySQL server
```

What should you do to resolve this error?

- A. Add the user replication@192.168.0.25 with the correct password to the master.
- B. Edit the DNS table on the master to include the domain name for the IP address of 192.168.0.25.
- C. Edit the my.ini file on the slave so that the master-host variable is equal to the IP address of the master, and restart the slave.
- D. Add the user replication@192.168.0.25 with the correct password to the slave.

Correct Answer: A

QUESTION 12

You attempt to connect to a MySQL Server by using the mysql client program. However, you receive this notice:

```
ERROR 2059 (HY000): Authentication plugin 'mysql_clear_password' cannot be loaded: plugin not enabled
```

What would you run to fix the issue?

- A. the mysql_upgrade script
- B. the mysql client with the --ignore-password-hashing option
- C. the mysql_secure_installation script to update server security settings
- D. the mysql client with the --enable-clear-text-plugin option
- E. the install plugin command for the mysql_clear_text_password plugin

Correct Answer: C

Reference: <http://planet.mysql.com/entry/?id=34077>