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Exam : **1Z0-883**

Title : MySQL 5.6 Database Administrator

Version : DEMO

1.Consider a total and sustained failure of the disk on which the MySQL data directory resides.

Which three High Availability scenarios are resilient to this case?

A. active/passive Distributed Replicated Block Device (DRBD.

B. standard master-slave replication

C. MYSQL service for Windows Cluster

D. MySQL NDB Cluster

E. Oracle Solaris Cluster

Answer:ABD

2.You want to start monitoring statistics on the distribution of storage engines that are being used and the average sizes of tables in the various databases.

Some details are as follows:

- The MySQL instance has 400 databases.

- Each database on an average consists of 25-50 tables.

You use the query:

```
SELECT TABLE_SCHEMA,
    'ENGINE',
    COUNT(*),
    SUM(data_length) total_size
FROM INFORMATION_SCHEMA.TABLES
WHERE TABLE_TYPE = 'BASE TABLE'
GROUP BY TABLE_SCHEMA, 'ENGINE'
;
```

Why is this query slow to execute?

A. Counting and summarizing all table pages in the InnoDB shared tablespace is time consuming.

B. Collecting information requires various disk-level operations and is time consuming.

C. Aggregating details from various storage engine caches for the final output is time consuming.

D. Collecting information requires large numbers of locks on various INFORMATION_SCHEMA tables, thereby causing contention.

Answer:B

3.A database exists as a read-intensive server that is operating with query_cache_type = DEMAND.

The dataset is refreshed periodically, but the resultset size of the queries does not fluctuate.

Note the following details about this environment:

- A web application uses a limited set of queries.

- The Query Cache hit rate is high.

- All resultsets fit into the Query Cache.

- All queries are configured to use the Query Cache successfully.

The response times for queries have recently started to Increase. The cause for this has correctly been identified as the increase in the number of concurrent users accessing the web service.

Based solely on the information provided, what is the most likely cause for this slowdown at the database level?

A. The Query Cache Is pruning queries due to an Increased number of requests.

B. query_cache_min_res_unit has been exceeded, leading to an increased performance overhead due to additional memory block lookups.

C. Mutex contention on the Query Cache is forcing the queries to take longer due to its single-threaded nature.

D. The average resultset of a query is increasing due to an increase in the number of users requiring SQL statement execution.

Answer:C

4.The following commands are available In the Linux binary distributions of MySQL:

- znysqld

- inysqld_safe

- mysql.server

What is the correct description of each of these commands?

A. mysqid is the server.

mysqld_safe is a shell script that Invokes mysqld.

mysql.server is a wrapper for mysqld_safe.

B. mysqid is a shell script that starts mysql.server.

mysqld_safe causes the server to start up in data recovery mode.

mysql.server is the server.

C. mysgld is the server.

mysqld_safe causes the server to start up In data recovery mode.

tnysql.server is a wrapper for mysqld_safe.

D. mysqid, mysqid_safe, and mysql.server reside in different locations but are all symlinked to the same script.

Answer:A

5.Consider the MySQL Enterprise Audit plugin.

The following event detail is found in the audit log:

```
<AUDIT_RECORD
    TIMESTAMP="2013-04-09T01:54:17"
    NAME="Connect"
    CONNECTION_ID="3"
    STATUS="1045"
    USER="kate"
    PRIV_USER=""
    OS_LOGIN=""
    PROXY_USER=""
    HOST="localhost"
    IP=""
    DB=""/>
```

Which two points can be concluded from the given event?

A. A connection was blocked by a firewall or a similar security mechanism.

B. A connection was attempted via socket rather than TCP.

C. A connection failed because the proxy user privileges did not match the login user.

D. A connection as the user kite was successful.

E. A connection failed due to authentication being unsuccessful.

Answer:BE