

## 1z0-888 Dumps

### MySQL 5.7 Database Administrator

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**NEW QUESTION 1**

Which statement is true about using Microsoft Windows Cluster as a platform for MySQL?

- A. It relies on the shared disk architecture being visible to both servers.
- B. It is provided by means of IP-level disk replication.
- C. It implements High Availability by using the NET Connector's load balancing capabilities.
- D. It is a shared-nothing architecture

**Answer: A**

**NEW QUESTION 2**

On a master server that is using statement-based replication, a table of log data has become very large. You decide to delete 100,000 rows. Which two methods can be independently invoked to ensure that the delete is properly propagated to the slave? (Choose two.)

- A. Change the replication mode to mixed before issuing any delete statements when the limit clause is used.
- B. If the data modification is non-deterministic, the query optimizer will resolve any potential issues.
- C. Use the limit clause to limit the deletion to 100,000 rows.
- D. Use the limit clause in conjunction with the order BY clause

**Answer: AD**

**NEW QUESTION 3**

What two statements are true regarding FLUSH TABLES FOR EXPORT?

- A. It can be used to export TEMPORARY tables.
- B. Table only exports when the table has its own tablespace.
- C. The InnoDB Storage engine must be used for the table being exported.
- D. It is the safest way to extract tables from the shared tablespace.
- E. Partitioned tables are not supported

**Answer: AB**

**NEW QUESTION 4**

Force Majeure is a catastrophic failure on a major level of the database operation. Regular backups are key to helping avoid data loss in such situations. Which two other steps can help avoid data loss in a major catastrophe?

- A. Implement a failover strategy to another geographic location.
- B. Create a master-master pair for each service.
- C. Have a second data centre in a different region or country.
- D. Keep software updated to the latest version.
- E. Use RAID 10 storage for data.
- F. Use on-site network-attached storage to separate service from data

**Answer: AC**

**NEW QUESTION 5**

When you examine a new MySQL installation with default configuration, you find a file called ibdata1 in the database directory. Which two statements are true about this file?

- A. it contains the binary log.
- B. it contains a general tablespace.
- C. it is the default location for all new tables that you create.
- D. it contains the system tablespace.
- E. it contains the redo log.
- F. it contains the undo log

**Answer: CD**

**NEW QUESTION 6**

Examine the mydata table and SELECT statements:

```
CREATE TABLE `mydata` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `a` int(11) DEFAULT NULL,
  `b` int(11) DEFAULT NULL,
  PRIMARY KEY (`id`),
  KEY `a_idx` (`a`)
) ENGINE=InnoDB;
```

```
mysql>SELECT @@session.transaction_isolation;
```

```
+-----+
|@@ session.transaction_isolation |
+-----+
| REPEATABLE-READ                 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT * from mydata;
```

```
+-----+-----+-----+
|id  | a  | b  |
+-----+-----+-----+
|1   | 1  | 1  |
|2   | 1  | 1  |
|3   | 2  | 2  |
|4   | 2  | 2  |
|5   | 2  | 3  |
+-----+-----+-----+
```

You issue: mysql> begin;  
mysql> update mydata set a=0 where b=3;  
How many rows are now protected by locks with the default InnoDB configuration?

- A. one
- B. one row and a next-key lock for supremum
- C. one row and a gap-lock
- D. five

**Answer: D**

#### NEW QUESTION 7

What are three methods to reduce MySQL server exposure to remote connections? (Choose three.)

- A. using SSL when transporting data over remote networks
- B. using the sql\_mode=STRICT\_SECURE after connections are established for encrypted communications
- C. setting —skip-networking when remote connections are not required
- D. setting specific grant privileges to limit remote authentication
- E. setting —mysql\_secure\_configuration to enable paranoid mode

**Answer: ACD**

#### NEW QUESTION 8

Due to an authentication plug-in that is used on the server, passwords are required to be sent as clear text as opposed to the usual encrypted format. Which two methods would allow the mysql client to connect to the server and send clear text passwords?

- A. mysql --protocol=PLAIN -uroot -p -h dbhost.example.com
- B. INSTALL PLUGIN mysql\_cleartext\_password SONAME 'mysql\_cleartext\_password.so';
- C. export LIBMYSQL\_ENABLE\_CLEARTEXT\_PLUGIN='Y'
- D. SET GLOBAL mysql\_cleartext\_passwords=1;
- E. mysql --enable-cleartext-plugin -uroot -p -h dbhost.example.com

**Answer: DE**

#### NEW QUESTION 9

Consider:

```
mysql> EXPLAIN SELECT * FROM City WHERE Name = 'Jacksonville' AND
CountryCode = 'USA'\G
***** 1. row *****
id: 1
select_type: SIMPLE
table: City
type: ref
possible_keys: name_country_index
key: name_country_index
key_len: 13
ref: const, const
rows: 1
Extra: Using where
```

Which statement best describes the meaning of the value for the key\_len column?

- A. It shows how many bytes will be used from each index row.
- B. It shows the number of characters indexed in the key.
- C. It shows the total size of the index row.
- D. It shows how many columns in the index are examine

**Answer: A**

**NEW QUESTION 10**

How does the InnoDB storage engine handle deadlocks when they are detected?

- A. Both the affected transactions will be rolled back.
- B. The affected transactions wait for innodb\_lock\_wait\_timeout seconds, and then roll back.
- C. One of the affected transactions will be rolled back, the other is allowed to proceed.
- D. The transaction isolation level determines which transaction is rolled back.
- E. The innodb\_locks\_unsafe\_for\_binlog setting determines which transaction is rolled bac

**Answer: C**

**NEW QUESTION 10**

You are no longer able to log in to an existing MySQL Server because the root password credentials not working. You need to reset the root password to complete various administrative tasks. What are the two major methods that will achieve this?

- A. Start the MySQL Server in --safe-mode, which only loads the privilege system for changes as data is inaccessible.
- B. Start the MySQL Server with reset-root-password in my.cnf, which will prompt you to enter a new root user password.
- C. Start the MySQL Server with --init-file pointing to SQL that executes an ALTER USER statement to change the root user password.
- D. Start the MySQL Server with --skip-grant-tables and execute SQL, which will update the root password.
- E. Start the MySQL Server with --initialize-insecure to force a password reset procedure on the command lin

**Answer: CD**

**NEW QUESTION 13**

Which MySQL utility program should you use to process and sort the Slow Query Log based on query time or average query time?

- A. mysqldumpslow
- B. mysqldump
- C. mysqlaccess
- D. mysqlshow
- E. mysqlslow

**Answer: A**

**NEW QUESTION 16**

You are setting up a new installation of MySQL Server 5.7 (a GA release.) You have used a ZIP or TAR package to ensure that the mysqld binary, along with its support files, such as plug-ins and error messages, now exist on the host. Assume that the default datadir exists on the host. You installed the binary in the default location (the default --basedir value) for your operating system. Which step should you perform before defining your own databases and database tables?

- A. Execute a command with a minimal form of: mysql --initialize
- B. Register mysqld as a service that will start automatically on this host machine.
- C. Create a configuration file containing default-storage-engine=InnoDB.
- D. Set an exception in the host machine's firewall to allow external users to talk to mysqld.
- E. Create additional login accounts (so that everyone does not need to log in as root) and assign them appropriate privileges.

**Answer: C**

**NEW QUESTION 21**

You have the following in your my.cnf configuration file: [mysqld] default\_authentication\_plugin=sha256\_password  
You want to create a new user who will be connecting from the IP address 192.0.2.10, and you want to use the authentication plug-in that implements SHA-256 hashing for user account passwords.  
Which two statements would create a user named webdesign for this IP address with the password of imbatman using a SHA\_256 password hash?

- A. CREATE USER 'webdesign'@'192.0.2.10' IDENTIFIED AS sha256\_user WITH sha256\_password 'imbatman';
- B. CREATE USER 'webdesign'@'192.0.2.10' IDENTIFIED BY 'imbatman';
- C. CREATE USER 'webdesign'@'192.0.2.10' IDENTIFIED WITH sha256\_password BY 'imbatman';
- D. CREATE USER WITH sha256\_password 'sha256\_user'@'192.0.2.10' IDENTIFIED AS 'webdesign' USING 'imbatman';
- E. CREATE USER 'webdesign'@'192.0.2.10' WITH mysql\_native\_password USING SHA265 BY 'imbatman';
- F. CREATE USER 'webdesign'@'192.0.2.10' IDENTIFIED BY SHA265 AS 'imbatman';

**Answer:** BF

#### NEW QUESTION 23

What is the best method for monitoring Group Replication conflict resolution?

- A. the PERFORMANCE\_SCHEMA tables
- B. the SHOW PROCESSLIST command
- C. the INNODB Lock Monitor details
- D. the SHOW STATUS command
- E. the INFORMATION\_SCHEMA tables

**Answer:** A

#### NEW QUESTION 28

Which two methods accurately monitor the size of your total database size over time?

- 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

**Answer:** CF

#### NEW QUESTION 29

Is it true that binary backups always take less space than text backups?

- A. Yes, because binary backups only contain data, and not statements required to insert data into the tables.
- B. No, because text backups can have optimizations, which make them smaller, such as updating many rows at once.
- C. No, because if InnoDB tables contain many empty pages, they could take more space than the INSERT statements.
- D. Yes, because even if InnoDB tables contain many empty pages, text backups have empty INSERT statements for them.

**Answer:** C

#### NEW QUESTION 30

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