How to fix "Access denied; you need (at least one of) SUPER, BINLOG ADMIN privilege(s) for this operation"?

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This error occurs when PHPKB Software is trying to execute an operation in MySQL / MariaDB that requires specific privileges (either '**SUPER**' or '**BINLOG ADMIN**'), but your user account lacks the necessary permissions.

Here's how you can fix it:

1. Login as a User with Elevated Privileges

To fix the issue, you'll need to log in as a user that has the required privileges via command-line or terminal. Typically, the '**root**' user has these permissions.

```
1 | mysql -u root -p
```

2. Grant the Necessary Privileges

If you don't have the required privileges, you can ask a user with those privileges (like the `root` user) to grant them to your user.

- To grant '**SUPER**' privilege:

```
1 | GRANT SUPER ON *.* TO 'your_username'@'localhost';
```

- To grant '**BINLOG ADMIN**' privilege (specific to binary logging administration):

```
1 | GRANT BINLOG ADMIN ON *.* TO 'your_username'@'localhost';
```

NOTE: Replace 'your_username' with your MySQL / MariaDB username.

3. Flush Privileges (Optional)

After granting the necessary privileges, it's a good idea to flush privileges to ensure the changes take effect immediately:

```
1 | FLUSH PRIVILEGES;
```

4. Re-run the Operation

Once the privileges are granted, try re-running the operation that caused the error or simply reload your page.

> **Additional Notes**:
> **MySQL Version Considerations**: In recent versions of MySQL (8.0+), the '**SUPER**' privilege is being deprecated and replaced with more granular privileges like '**REPLICATION SLAVE**', '**REPLICATION CLIENT**', and '**BINLOG ADMIN**'. If you're using a newer version of MySQL, granting '**BINLOG ADMIN**' might be enough.

Scope: Make sure the privileges are granted with the correct scope (e.g., localhost or remote connections).

Online URL: https://www.phpkb.com/kb/article/how-to-fix-access-denied;-you-need-at-least-one-of-super-binlog-admin-privilege-s-for-this-operation-402.html