

# PhpMyAdmin - Access denied for user root@localhost

June 2014

In the PHP programming language, there is an **open source tool** called PhpMyAdmin that handles the **administration of MySQL**. Access can be denied when access to MySQL is attempted through the **root user**. Root requires **insertion of a password** and once that is wrongly entered or is not provided, this issue arises. This can be configured with the help of the PHP tool. The rights of the root user can also be reset at the same time.

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- To reset the rights of the root user
- Insert the host and password



Beginners may face problems accessing MySQL by the root user. This happens when the root requires you to enter a password and the user has either entered a the wrong one or has not provided one at all. This can be easily configured using the following steps:

- Step1: Open MySql
- Step2: Through phpMyAdmin/librarires, you should edit config.inc.php
  - Where `$cfg['PmaAbsoluteUri'] = '';` is displayed, alter the command to `$cfg['PmaAbsoluteUri'] = 'localhost/phpmyadmin/';`
- Step 3: Concerning the server commands, change `$cfg['Servers'][$i]['host'] = 'localhost';` to `$cfg['Servers'][$i]['host'] = 'Localhost';`
- Step 4: To enter your new password for the root user, find the command `$cfg['Servers'][$i]['password'] = '';` and enter your password in the field provided
  - **For example:** `$cfg['Servers'][$i]['password'] = 'type your password here';`

- Step 5: Reboot MySql



## To reset the rights of the root user

To be able to reset the rights of the root user, you should enter the following commands `mysql> GRANT ALL PRIVILEGES ON *.* TO root@localhost IDENTIFIED BY 'your current password' WITH GRANT`

## Insert the host and password

This section will allow you to insert the host's name and user account by default and set them up with the correct password, as allocated to them in the php.ini folder. To do so, use the code below:

- Default host for `mysql_connect()` (doesn't apply in safe mode):

- `mysqli.default_host='localhost'`

- Default user for `mysql_connect()` (doesn't apply in safe mode):

- `mysqli.default_user='root'`

- Default password for `mysql_connect()` (doesn't apply in safe mode):

- **Note:** It is generally a bad idea to store passwords in this file as any user with PHP access can view it

- `mysqli.default_pw=' your current password '`

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