

Installing Stand Alone SQL Database Admin Tools

This document uses PhpMyAdmin as an example of setting up an SQL Database administration tool outside of LibreEHR. In versions before 4.2 phpMyAdmin was embedded inside LibreEHR, this was considered a security risk as well as hard to maintain. As there are many tools available for administration and reporting from MySQL database we modified LibreEHR to allow the user to install and configure a customer preference.

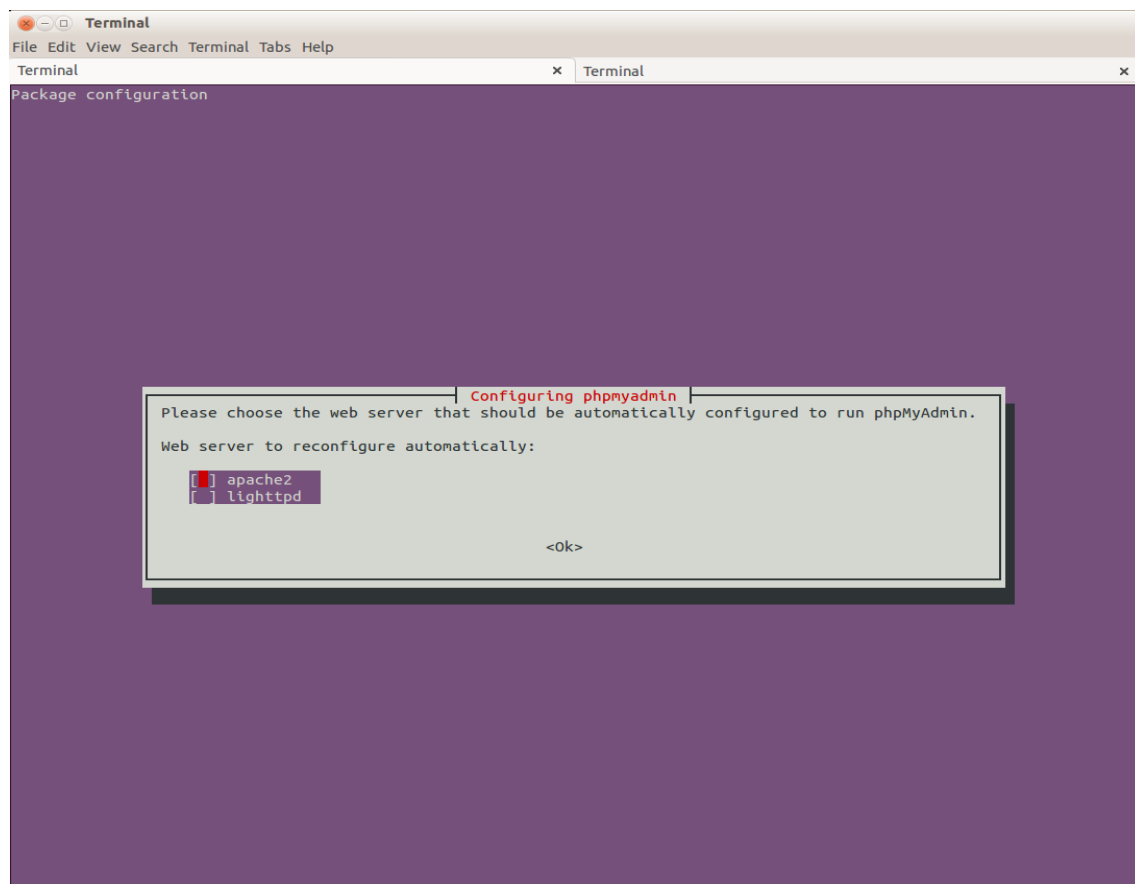
First, Install the tool of choice. Shown below are the steps for installing phpMyAdmin on an Ubuntu or other debian based Linux installation.

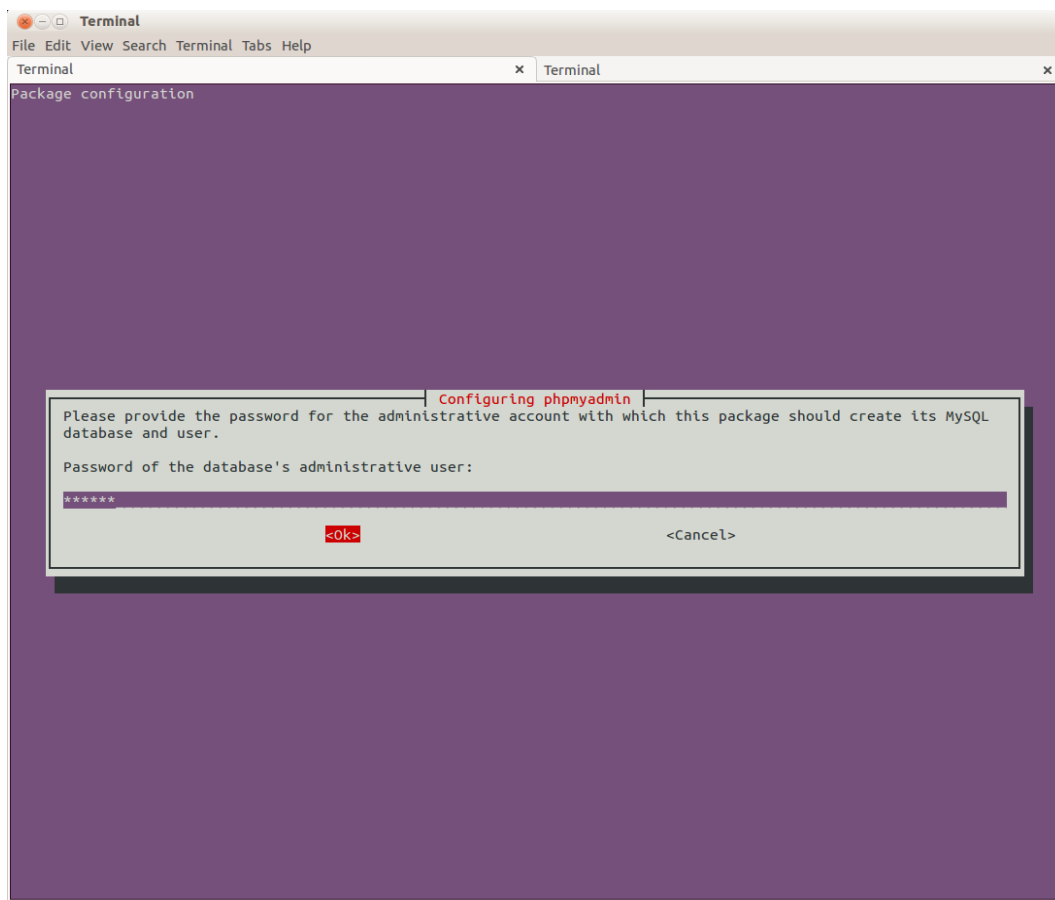
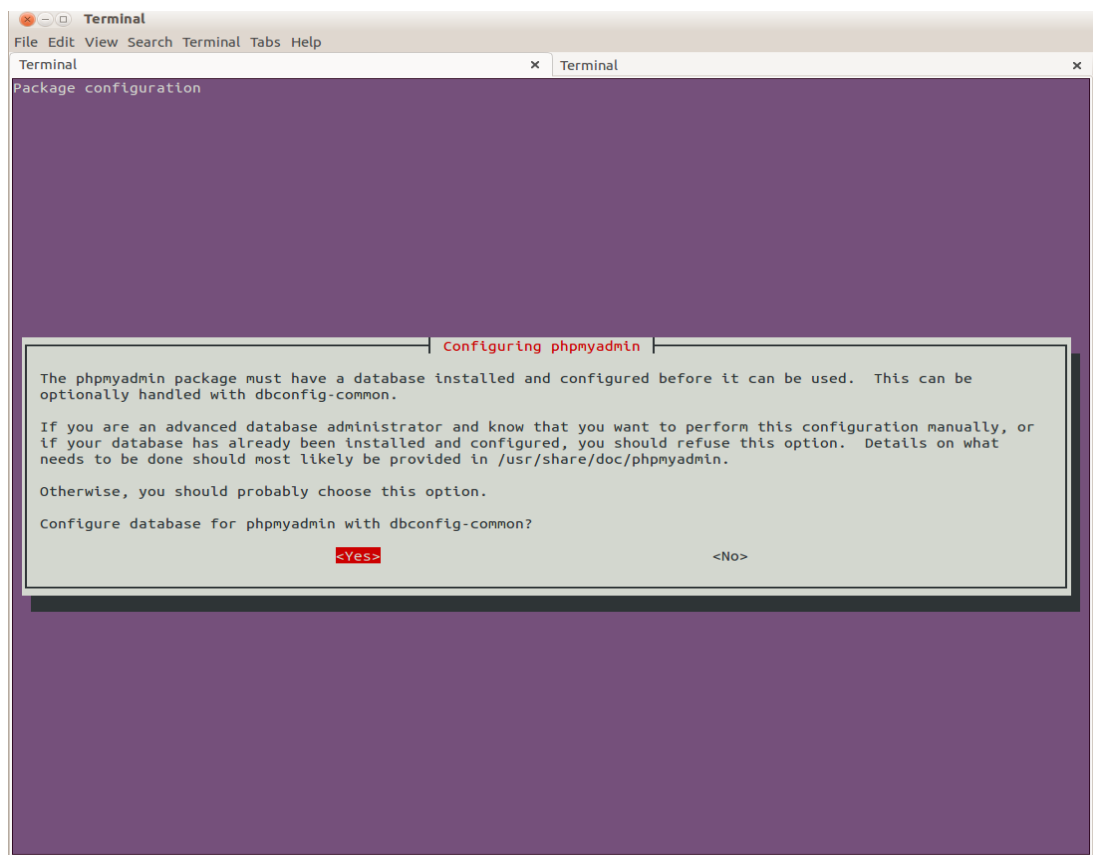
You will need to know the root password for your MySQL installation and the super-user password of the account you use to install from

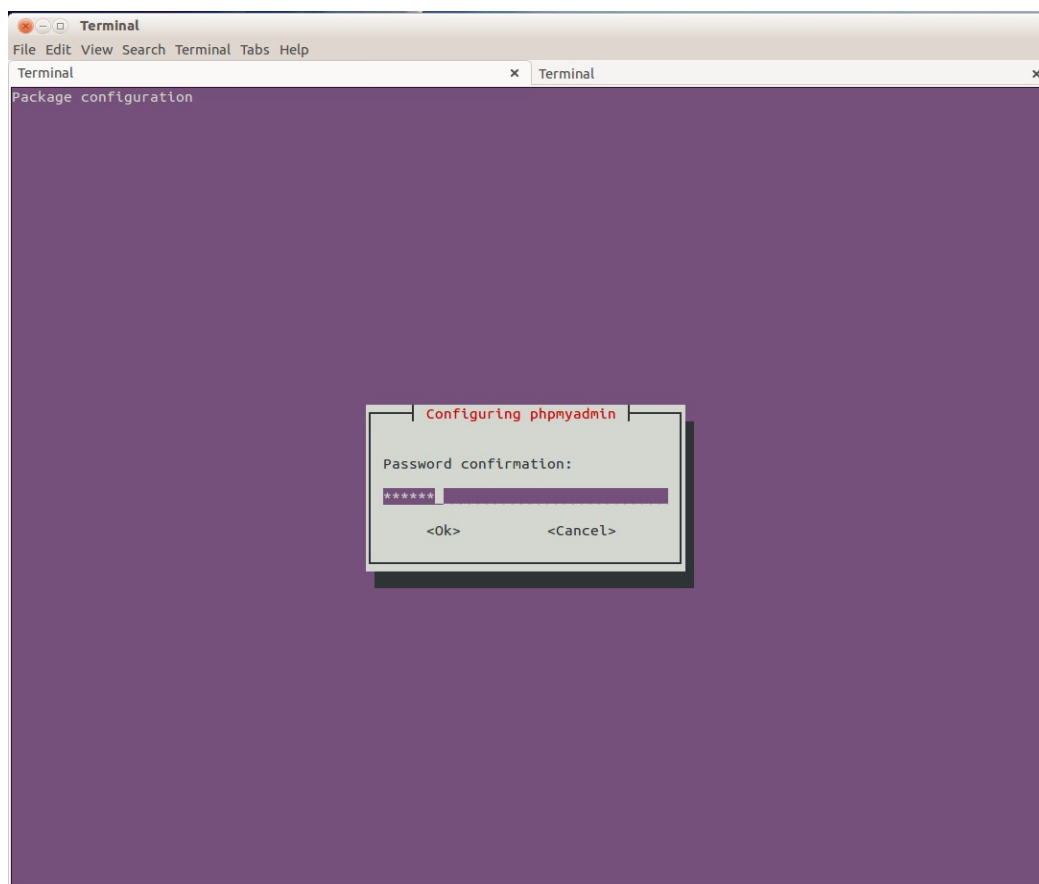
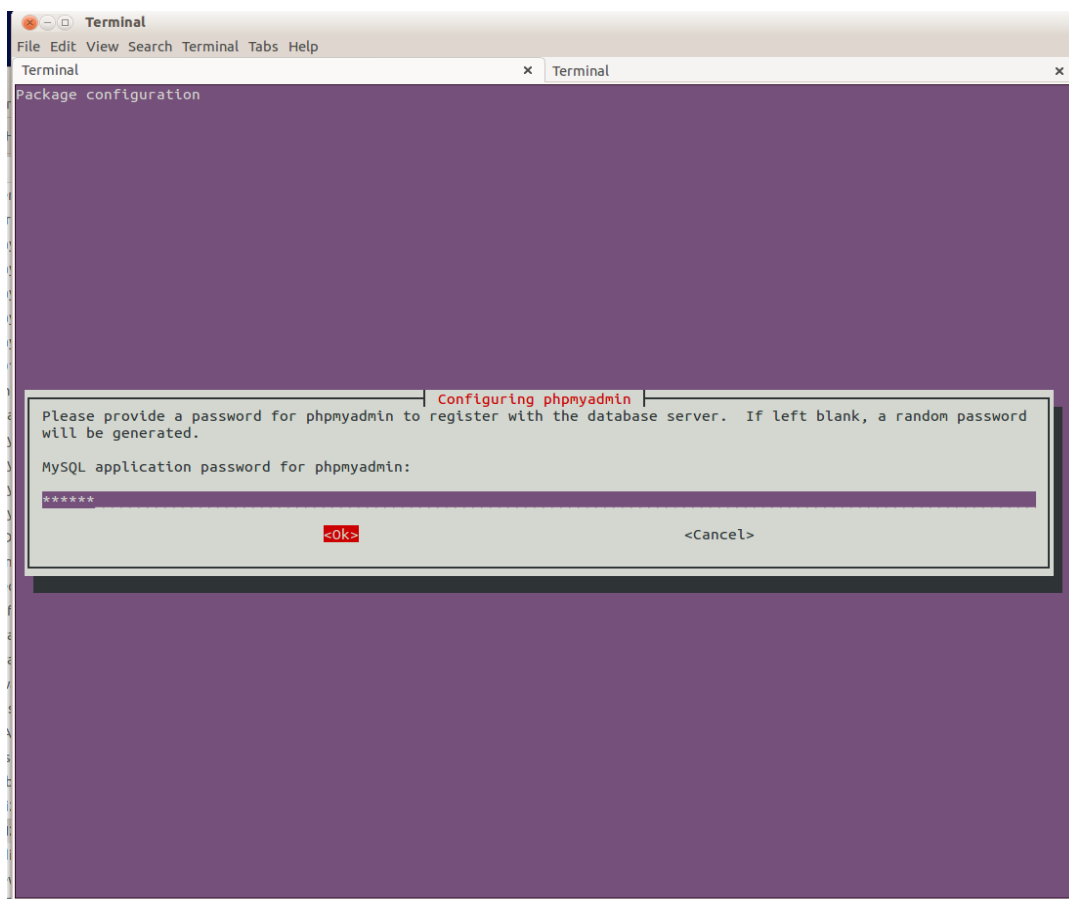
From the command (or from the graphical Ubuntu Software Center) install the phpmyadmin package

```
# sudo apt-get install phpmyadmin
```

You will see a series of screens, it is safe to take the defaults, use the tab key to move in the text boxes and the space bar to select [OK] or to change a value.







When installation is complete test your access. The usual local access URL for this will be <http://localhost/phpmyadmin> if you are accessing it from a designated LibreEHR server then test using that servers IP address or DNS name.

You may need to enable the installed config file in apache.

```
# cd /etc/apache2/sites-enabled
```

```
# sudo ln -s /etc/phpmyadmin/apache.conf 001-phpmyadmin.conf
```

```
# sudo service apache2 restart
```

Now login to you LibreEHR instance and go to the Administration->Globals:Miscellaneous TAB and change the URL Path to SQL Admin Tool to the URL you tested above.

Edit Global Settings

Appearance	Locale	Features	Documents	Calendar	Security	Notifications	CDR	Logging	Miscellaneous	Pd
Path to MySQL Binaries										
<input type="text" value="/usr/bin"/>										
Path to Perl Binaries										
<input type="text" value="/usr/bin"/>										
Path to Temporary Files										
<input type="text" value="/tmp"/>										
Path for Event Log Backup										
<input type="text" value="/tmp"/>										
URL Path to SQL Admin Tool										
<input type="text" value="https://localhost/phymyadmin"/>										
State Data Type										
<input type="text" value="Single-selection list with ability to add to the list"/>										
State list										
<input type="text" value="state"/>										

Now when you select Administration->Other->Database phpMyAdmin will open in a new tab or browser window. Login with either your root MySql user and password or better, with the LibreEHR user and password you created for this installation.